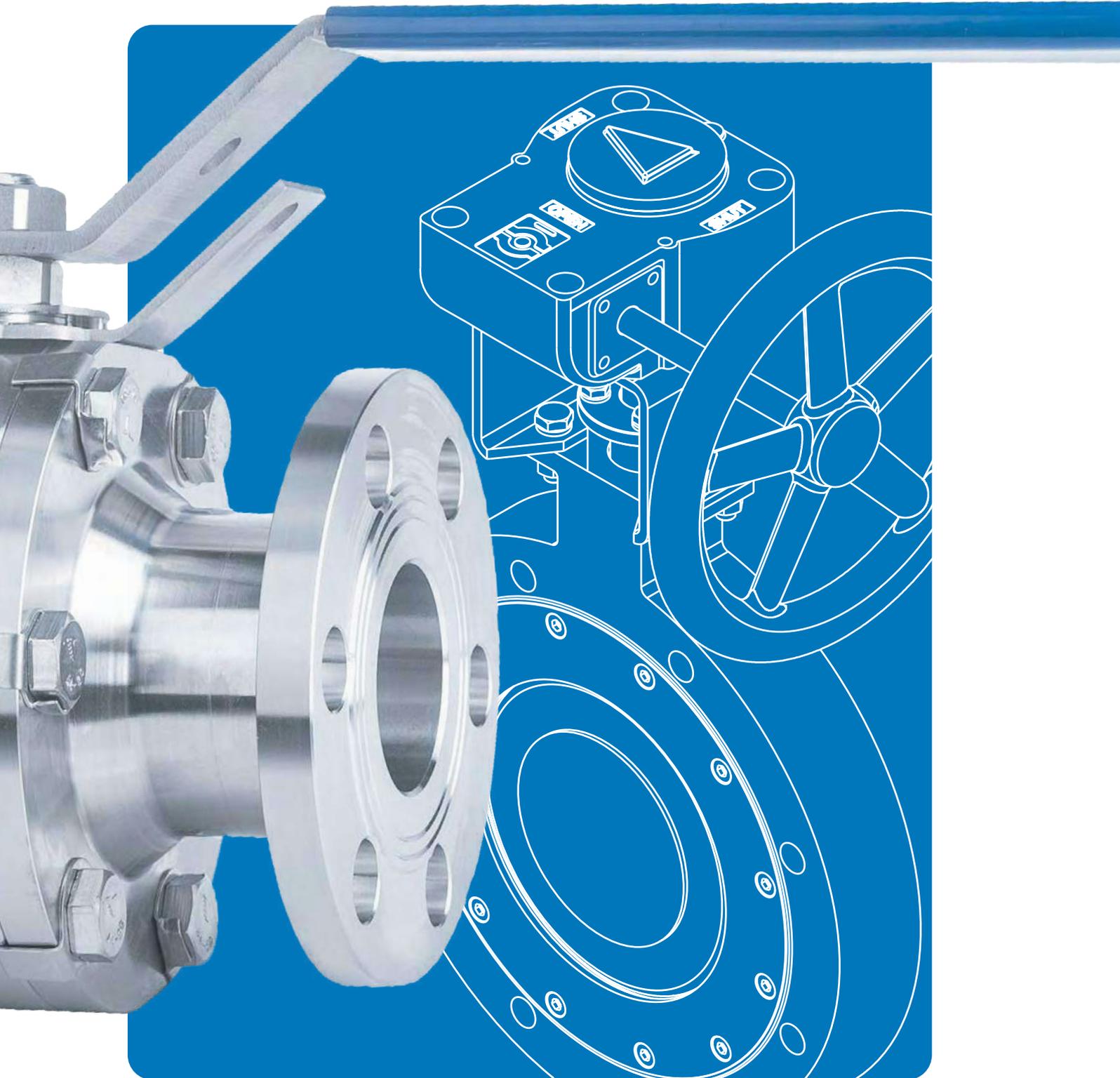
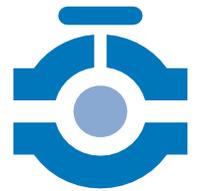


# OMV INDOIL

OUR VALVES MAKE A DIFFERENCE



[www.omv-indoil.hr](http://www.omv-indoil.hr)



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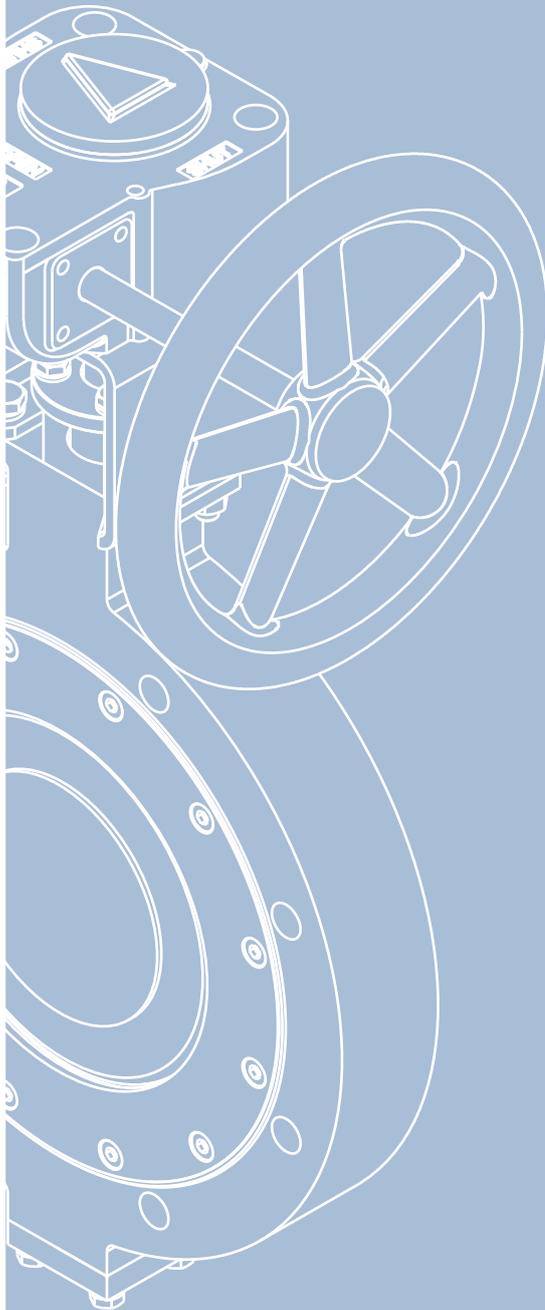
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Butterfly Valves  
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BALL VALVE 2-Piece Forged Steel Flanged Class 300

BALL VALVE 2-Piece Forged Steel Flanged Class 600

BALL VALVE 2-Piece Forged Steel Flanged Class 900

BALL VALVE 2-Piece Forged Steel Flanged Class 1500

BALL VALVE 2-Piece Forged Steel Flanged RB Class 150

BALL VALVE 2-Piece Forged Steel Flanged RB Class 300

BALL VALVE 2-Piece Forged Steel Flanged RB Class 600

BALL VALVE 2-Piece Forged Steel Flanged RB Class 900

BALL VALVE 2-Piece Forged Steel Flanged RB Class 1500

BALL VALVE 2-Piece Cast Steel Flanged Class 150

BALL VALVE 2-Piece Cast Steel Flanged Class 300

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BALL VALVE 2-Piece Cast Steel Flanged Class 900

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BALL VALVE 3-Piece Forged Steel Trunnion Mounted Class 150

BALL VALVE 3-Piece Forged Steel Trunnion Mounted Class 300

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BALL VALVE Wafer Type Class 150

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BALL VALVE Wafer Type High Performance Class 150

BALL VALVE Wafer Type High Performance Class 300

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BALL VALVE Monoblock Class 150

BALL VALVE Monoblock Class 300

BALL VALVE Monoblock Class 600

BALL VALVE Monoblock Class 900



## **BUTTERFLY VALVES**

**BUTTERFLY VALVE HP Class 150**

**BUTTERFLY VALVE Triple Eccentric HP Class 150**

**BUTTERFLY VALVE Triple Eccentric HP Class 300**

**BUTTERFLY VALVE Lug Class 150**

## **CHECK VALVES**

**CHECK VALVE Dual-plate Class 150**

**CHECK VALVE Dual-plate Class 300**

**CHECK VALVE Dual-plate Class 600**

**CHECK VALVE Dual-plate Class 900**

**CHECK VALVE Swing Disc Class 150**

**CHECK VALVE Swing Disc Class 300**

**CHECK VALVE Swing Disc Class 600**

**CHECK VALVE Swing Disc Class 900**

**CHECK VALVE Forged Steel Swing Disc Class 800**

**CHECK VALVE Pressure Seal Swing Disc Class 1500**

**CHECK VALVE Pressure Seal Swing Disc Class 2500**

**CHECK VALVE Wafer Swing Disc Class 150**

**CHECK VALVE Wafer Swing Disc Class 300**

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## **GATE VALVES**

**GATE VALVE Cast Steel Class 150**

**GATE VALVE Cast Steel Class 300**

**GATE VALVE Cast Steel Class 600**

**GATE VALVE Cast Steel Class 900**

**GATE VALVE Forged Steel Class 800**

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## **GLOBE VALVES**

**GLOBE VALVE Cast Steel Class 150**

**GLOBE VALVE Cast Steel Class 300**

**GLOBE VALVE Cast Steel Class 600**

**GLOBE VALVE Cast Steel Class 900**

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## **PLUG VALVES**

**PLUG VALE Sleeved Type Soft Sealing Class 150**

**PLUG VALE Sleeved Type Soft Sealing Class 300**

**PLUG VALE Sleeved Type Soft Sealing Class 600**

**PLUG VALE Sleeved Type Soft Sealing Class 900**

**PLUG VALE Inverted Type Pressure Balanced Lubricated Class 150**

**PLUG VALE Inverted Type Pressure Balanced Lubricated Class 300**

**PLUG VALE Inverted Type Pressure Balanced Lubricated Class 600**

**PLUG VALE Inverted Type Pressure Balanced Lubricated Class 900**



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**BALL VALVE 2-Piece Cast Steel Flanged PN 16**  
**BALL VALVE 2-Piece Cast Steel Flanged PN 40**  
**BALL VALVE 2-Piece Forged Steel Flanged PN 16**  
**BALL VALVE 2-Piece Forged Steel Flanged PN 40**  
**BALL VALVE 2-Piece Forged Steel Flanged PN 63**  
**BALL VALVE 2-Piece Forged Steel Flanged PN 100**  
**BALL VALVE 2-Piece F/F Threaded PN 40/63/130**  
**BALL VALVE 2-Piece M/F Threaded PN 40/63/130**  
**BALL VALVE 3-Piece BW PN 40/63**  
**BALL VALVE 3-Piece F/F PN 40/63**  
**BALL VALVE 3-Piece SW PN 40/63**  
**BALL VALVE Monoblock PN 16**  
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**BALL VALVE Monoblock PN 63**  
**BALL VALVE Monoblock PN 100**  
**BALL VALVE Monoblock PN 120**  
**BALL VALVE Monoblock PN 160**  
**BALL VALVE Monoblock PN 210**  
**BALL VALVE Wafer Type PN 16**  
**BALL VALVE Wafer Type PN 40**  
**BALL VALVE Wafer Type High Performance PN 16**  
**BALL VALVE Wafer Type High Performance PN 40**  
**BALL VALVE Wafer Type High Performance PN 63**  
**BALL VALVE Wafer Type High Performance PN 100**

### **GLOBE VALVES**

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**GLOBE VALVE F1 Series PN 25**  
**GLOBE VALVE F1 Series PN 40**  
**GLOBE VALVE F2 Series PN 63**  
**GLOBE VALVE F2 Series PN 100**  
**GLOBE VALVE F2 Series PN 160**  
**GLOBE VALVE Angle F32 Series PN 16**  
**GLOBE VALVE Angle F32 Series PN 25**  
**GLOBE VALVE Angle F32 Series PN 40**  
**BELLOWS SEALED GLOBE VALVE F1 Series PN 16**  
**BELLOWS SEALED GLOBE VALVE F1 Series PN 25**  
**BELLOWS SEALED GLOBE VALVE F1 Series PN 40**

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**GATE VALVE F5 Series Rising Steam PN 16**  
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**CHECK VALVE Angle 32 Series PN 16**

**CHECK VALVE Angle 32 Series PN 25**

**CHECK VALVE Angle 32 Series PN 40**

**CHECK VALVE Swing Disc F1 Series PN 16**

**CHECK VALVE Swing Disc F1 Series PN 25**

**CHECK VALVE Swing Disc F1 Series PN 40**

**CHECK VALVE Swing Disc F2 Series PN 63**

**CHECK VALVE Swing Disc F2 Series PN 100**

**CHECK VALVE Swing Disc F8 Series PN 160**

**CHECK VALVE Wafer Swing Disc PN 10**

**CHECK VALVE Wafer Swing Disc PN 16**

**CHECK VALVE Wafer Swing Disc with o-ring PN 10**

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**BUTTERFLY VALVE Double Eccentric Flanged PN 10**

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**BUTTERFLY VALVE Eccentric Flanged Metal Seated PN 10**

**BUTTERFLY VALVE Eccentric Flanged Metal Seated PN 16**

**BUTTERFLY VALVE Eccentric Flanged Metal Seated PN 25**

**BUTTERFLY VALVE Eccentric Flanged Metal Seated PN 40**

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**BUTTERFLY CHECK VALVE PN 16**

**BUTTERFLY CHECK VALVE PN 25**

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**BUTTERFLY VALVE Lug PN 10**

**BUTTERFLY VALVE Lug PN 16**

**BUTTERFLY VALVE Lug PN 10**

**BUTTERFLY VALVE Lug PN 16**

**BUTTERFLY VALVE Lug D PN 10**

**BUTTERFLY VALVE Lug D PN 16**

**BUTTERFLY VALVE Lug D1 PN 10**

**BUTTERFLY VALVE Lug D1 PN 16**

**BUTTERFLY VALVE Centre Flanged PN 10/16**

**BUTTERFLY VALVE HP PN 10**

**BUTTERFLY VALVE HP PN 16**

**BUTTERFLY VALVE HP PN 25**

**BUTTERFLY VALVE HP PN 40**



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OMV-INDOIL

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# COMPANY PROFILE



OMV-INDOIL, founded in 1991., is a regional leader in industrial valve production. The Company is headquartered in Zagreb, Croatia (EU) where it owns its production facilities, warehouses and offices. The Company has a subsidiary and a production plant in Čapljina, Bosnia and Herzegovina.

Our main business is production of industrial valves, valve components and valve equipment. We also offer full package of valves and pipe-line material as a one-stop-shop reseller for complete project-related valve equipment.

Our product portfolio includes ball, butterfly, gate, globe, check, and plug valves, special valves and various spare parts, which can be both standardized or produced according to customer specifications. Some special valves that we produce are offshore, actuated, marine and high-pressure valves.

OMV-INDOIL manufacture and supply valves from DN 10 up to DN 1200 ( 3/8" – 48"). Most commonly used materials are stainless steel, carbon steel, alloyed steel, duplex, super- duplex, bronze, brass and ductile iron – depending on the valve purpose and type.

OMV INDOIL produces its products according to different standards such as EN/DIN, ANSI, API, ASTM, UNI, BS, and GOST.

Our strategy in the valve and pipeline industry is the high quality of products & certificates for our clients. To ensure this we acquired and maintain key certificates and approvals in this industry. Some of our the most important certificates are: API 6D, ISO 9001:2015, PED 2014/68/EU, ATEX, EAC (TR TC 010, TR TC 032, TR TC 012), FIRE SAFE, BUREAU VERITAS type approvals, EN ISO 12944, NORSOK, M501, ISO 20340, ISO 14001:2015, etc.)

In our Bosnian plant, we have foundry. There we produce castings made from special forged steel using ESR method, which we use for special customer request. We are equipped with an internal laboratory which can test and analyze the quality of material and simulate the most severe conditions of use.

Our typical customers operate in electric-power, oil/gas production/transportation, chemical and petrochemical industry, pharmaceutical industry, shipbuilding, water and waste-water supply and process industries.

# OUR CORE VALUES



## Orientation to customer

To deliver a high-quality product, taking care of delivery time, responding promptly and respectfully on all customers inquiries, anticipating in changing customers wants and needs



## My responsibility for the quality

Each individual in our company takes care to make the effort in part of the business in which works



## Valves are our passion

We look forward to every new customer, market challenges and needs of our customers in ideas and solutions. We respond with passion to the most demanding projects



## Integrity

We are a team that is honest. We respect each other, help and protect each other



## No. 1 are our employees

The key to our company success is our employees. We take care about employees needs and feelings. We respect, embrace differences and develop each other



## Devoted to teamwork

We work together toward a common goal, set of goals. Our teamwork drives company growth and boosts performances of the company and each individual



## Open for changes

We are open to daily changes which happen on the market or in technology. We develop the future of employees and company according to the latest trends



## Innovation

Our professional team of engineer's daily works on finding the best solutions for our products. We build our success on innovations on our valves



## Loyalty

Based on loyalty we create long-term mutual trust and relationship between employees, customers and all the people that are involved in OMV-INDOIL processes



We stand for these values in our development

## PRODUCT FOCUS

1. Innovations
2. Top quality
3. Tailor made valves
4. Fully certified products



## CUSTOMER FOCUS

1. Full & prompt technical support
2. One stop shop for valves
3. Care to customer cost efficiency
4. Care for environmental protection



# CERTIFICATES



**API 6D**



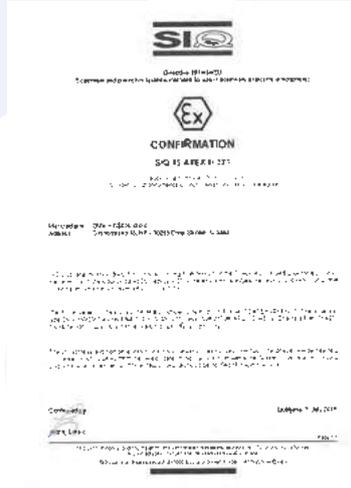
**ISO 9001:2015**



**ISO 14001:2015**



**ATEX**



**ATEX**



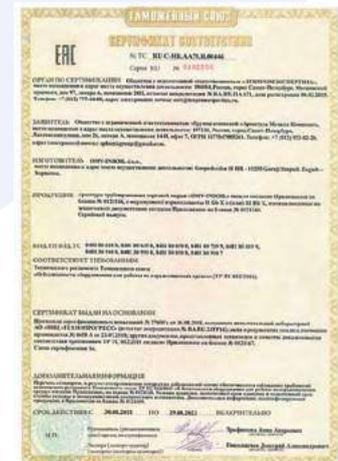
**ATEX**



**EAC TR TC 010 (GOST)**



**EAC TR TC 032 (GOST)**



**EAC TR TC 012 (GOST)**

# CERTIFICATES



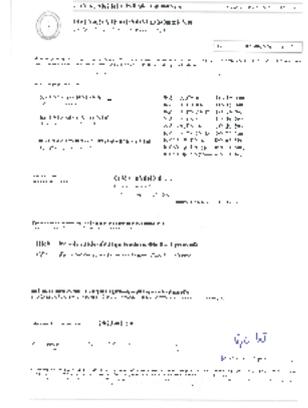
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BRODOVA**



**HRVATSKI REGISTAR  
BRODOVA**



**HRVATSKI REGISTAR  
BRODOVA**



**HRVATSKI REGISTAR  
BRODOVA**



**EUROSTANDARD**



**FIRE SAFE**



**PED 2014/68/EU**



**BV MOD I SCHEMA**



**BUREAU VERITAS**



**BUREAU VERITAS**



**BUREAU VERITAS**

# PRODUCT RANGE

## ASME/API

Vale Type	ASME	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	40"	42"	48"	
	Class	15	20	25	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	900	1000	1050	1200	
Gate Valve	150				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	300				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	600					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	900					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	1500					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	2500					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Globe Valve	150				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	600					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	900					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Check Valve Swing	150				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	600					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	900					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	1500					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	2500					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Dual - Plate Check Valve	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	600					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	900					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Ball Valve Trunnion	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	600					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	900					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	1500					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Floating Ball Valve	150	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Butterfly Valve Double Eccentric	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Butterfly Valve DE-HP Lug	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Butterfly Valve DE-HP Wafer	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Butterfly Valve TE-HP Lug and Wafer	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Plug Valve Sleeved Type Soft Sealing	150	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	900	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Plug Valve Inverted Type pressure Balanced	150	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	900	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Strainers Y -Type	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Strainer Basket Type	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Strainer T- Type	150					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	300					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

# PRODUCT RANGE

## DIN / EN

Valve Type	DIN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN							
	PN	15	20	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000		
Gate Valve	16					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
	25					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
	40					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
	63					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
Globe Valve	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	160	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
Check Valve Swing	16					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	25					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	40					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	63					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
	100					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
	160					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
Check Valve	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
Ball Valve	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
Ball Valve Wafer	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
Butterfly Valve Double Eccentric	10									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	16									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	25									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	40									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Butterfly Valve Triple Eccentric	10																														
	16																														
	25																														
	40																														
Butterfly Check Valve	10																														
	16																														
	25																														
	40																														



OMV-INDOIL valves are designed in accordance with key international standards.

Parameter	Description	Standard
Design	1. Gate Valve	API 600/ API 6D/ BS 1414
	2. Globe Valve	BS 1873
	3. Check Valve	API 6D/ BS 1868
	4. Ball Valve	API 6D/ BS 5351
	5. Butterfly Valve	API 609/ BS 5155
	6. Plug Valve	API 6D/ API 599
	7. Y-Strainers	ASME B16-34
P-T Rating	bar/°C	ASME B16 34
Ends	Face to Face/ End to End Dimension	ASME B16.10/ API 6D
	Flange End Dimensions	ASME B16.5/ ASME B16. 47
	Butt - weld End Dimension	ASME B16.11
	Forge fittings, socket welding and threading Dimensions	ASME B16.11
Testing	Valve Inspection & Testing	API 598/ API 6D
	Fire safe testing	API 607/ ISO 10497
Mounting position	Gear and actuator mounting	ISO 5211

## MATERIAL TEMPERATURE CHART

Material Classification	ASTM Specification	Temperature
Carbon Steel	AS M A216 Gr.WCB	-29°C to 425°C(-20°F to 800°F)
Carbon Steel-Forged	ASTM A105N	-29°C to 425°C(-20°F to 800°F)
1 1/4 Chrome-1/2 Moly	ASTM A217 Gr.WC6	-29°C to 593°C(-20°F to 1100°F)
2 1/4 Cr-1Mo	ASTM A217 Gr.WC9	-29°C to 593°C(-20°F to 1100°F)
5Cr-1/2Mo	ASTM A217 Gr.C5	-29°C to 649°C(-20°F to 1200°F)
9Cr-1%Mo	ASTM A217 Gr.C12	-29°C to 649°C(-20°F to 1200°F)
Low-temperature steel	ASTM A352 LCB/LCC	-46°C to 343°C(-50°F to 650°F)
Low-temperature steel	ASTM A350 LF2	-46°C to 425°C(-50°F to 800°F)
Austenitic Stainless Steel	ASTM A351 CF8	-196°C to 538°C(-320°F to 1000°F)
Austenitic Stainless Steel	ASTM A351 CF8M	-196°C to 538°C(-320°F to 1000°F)
Austenitic Stainless Steel	ASTM A351 CF3/CF3M	-196°C to 425°C(-320°F to 800°F)
FERRITIC-AUSTENITIC Stainless steel	ASTM A182 F51(DUPLEX SS)	-196°C to 316°C(-320°F to 600°F)
FERRITIC-AUSTENITIC Stainless steel	ASTM A182 F53(SUPER DUPLEX SS)	-196°C to 316°C(-320°F to 600°F)
FERRITIC-AUSTENITIC Stainless steel	ASTM A182 F55(SUPER DUPLEX SS)	-196°C to 316°C(-320°F to 600°F)



OMV-INDOIL valves are designed in accordance with key international standards.

Parameter	Description	Standard
Design	1. Gate Valve	EN 12516-2/EN 1984
	2. Globe Valve	EN 13709/EN 12516-2
	3. Check Valve	EN 13709/EN 12516-2
	4. Ball Valve	EN 12516-2
	5. Butterfly Valve	EN 593/EN 12516/ EN 12334
	6. Plug Valve	EN 12516-1
	7. Y-Strainers	EN 12516-1
P-T Rating	bar/°C	EN 12516-1
Ends	Face to Face/ End to End Dimension	EN 558/DIN 3202
	Flange End Dimensions	EN 1092-1
	Butt - weld End Dimension	EN 12627
Testing	Forge fittings, socket welding and threading Dimensions	EN 10253/ISO 288
	Valve Inspection & Testing	EN 12266/DIN 3230
	Fire safe testing	ISO 10497
Mounting position	Gear and actuator mounting	ISO 5211

## MATERIAL TEMPERATURE CHART

Material Classification	ASTM Specification	Temperature
GP240GH(1.0619)	EN 10213	-60°C to 400 °C
P245GH(1.0325)	EN 10222	-60°C to 400 °C
P265GH(1.0425)	EN 10028-2	-10°C to 400 °C
EN GJS-400-15(5.3106)	DIN EN1563(EN JS1030)	-10°C to 350 °C
EN GJS-400-18LT(5.3103)	DIN EN1563(EN JS1025)	-40°C to 350 °C
16Mo3 (1.5415)	EN 10222-2	-10°C to 530 °C
13CrMo4-5(1.7335)	EN 10222-2	-10°C to 550 °C
GXCrNi19-10(1.4308)	EN 10213	-200°C to 300 °C
GX5CrNiMo19-11-2(1.4408)	EN 10213	-200°C to 550 °C
X2CrNiMo17-12-2(1.4404)	EN 10222-5	-200°C to 500 °C
X5CrNi18-10(1.4301)	EN 10222-5	-200°C to 600 °C
X2CrNiMoN22-5-3(DUPLEX)	DIN EN 10222-5	-196°C to 250 °C
X2CrNiMoWCuWn 25-7-4 (SUPER DUPLEX)	DIN EN 10088	-196°C to 250 °C

# COMMON TEST / INSPECTION METHODS



**Destructive and non-destructive testing of materials according to relevant standards and specified customer requirements.**

Test / Inspection	Method	Acceptance Criteria
Visual Inspection	MSS SP 55	MSS SP 55
Chemical Analysis	ASTM E 350	Relevant ASTM
Mechanical Properties	ASME A 370	Relevant ASTM
Radiographic Inspection	ASME B16.34	ASME B16.34
Magnetic Particle Inspection	ASTM A 388	ASME B16.34
Liquid Penetrate Inspection	ASTM E 165	ASME B16.34
Ultrasonic Inspection	ASTM A 388	ASME B16.34
Positive Material Identification (PMI)	SPECTROMETER	CUSTOMER SPECIFICATION
Pressure Testing	API 598/ API 6D	API 598/ API 6D
Helium Leak Test	ASTM E 499	ASTM E499/ ASME SEC. II
Impact Test	ASTM A 370	Relevant ASTM
Cryogenic Test	BS 6364	BS 6364/ ASME B16.34
Fire safe Test	API 607/ ISO 10497	API 607/ ISO 10 497
Dimensional Inspection	Valve standard	Valve standard
Cycle Test	CUSTOMER SPECIFICATION	CUSTOMER SPECIFICATION
Vacuum Test	CUSTOMER SPECIFICATION	CUSTOMER SPECIFICATION
Fugitive Emission Test	CUSTOMER SPECIFICATION	CUSTOMER SPECIFICATION

## TEST PRESSURE CHART API 598/ API 6D Test PRESSURE FOR VALVE

ASME Class	Hydrostatic Test Pressure in bar (Psig)			Pneumatic low pressure closure test pressure in 6 bar (psig)
	Shell	Back Seat	Closure	
150	30 (435)	22 (319)	22 (319)	6±1 bar (87)
300	75 (1087)	55 (798)	55 (798)	6±1 bar (87)
600	150 (2175)	110 (1595)	110 (1595)	6±1 bar (87)
800	207 (3000)	152 (2204)	152 (2204)	6±1 bar (87)
900	225 (3262)	165 (2393)	165 (2393)	6±1 bar (87)
1500	375 (5437)	275 (3988)	275 (3988)	6±1 bar (87)
2500	630 (9137)	462 (6701)	462 (6701)	6±1 bar (87)

# COMMON TEST / INSPECTION METHODS



**Destructive and non-destructive testing of materials according to relevant standards and specified customer requirements.**

Test / Inspection	Method	Acceptance Criteria
Visual Inspection	EN 970	EN 970
Chemical Analysis	EN 10213/ EN 10222	EN 10213/ EN 10222
Mechanical Properties	EN 10213	EN 10213
Radiographic Inspection	EN 12681-1	EN 12681-1
Magnetic Particle Inspection	ISO 3059	ISO 3059
Liquid Penetrate Inspection	ISO 3059	ISO 3059
Ultrasonic Inspection	ISO 4992-1/2	ISO 4992-1/2
Positive Material Identification (PMI)	SPECTROMETER	CUSTOMER SPECIFICATION
Pressure Testing	EN 12266-1/2	EN 12266-1/2
Helium Leak Test	EN 1779	EN 1779
Impact Test	EN 10213	EN 10213
Seismic qualification Test	IEC 980	IEC 980
Cryogenic Test	EN 1626/ BS6364	EN 1626/ BS6364
Fire safe Test	EN ISO 10497	EN ISO 10497
Dimensional Inspection	EN 558/ EN 1092-1	EN 558/ EN 1092-1
Cycle Test	CUSTOMER SPECIFICATION	CUSTOMER SPECIFICATION
Vacuum Test	ISO 27895	ISO 27895
Fugitive Emission Test	CUSTOMER SPECIFICATION	CUSTOMER SPECIFICATION

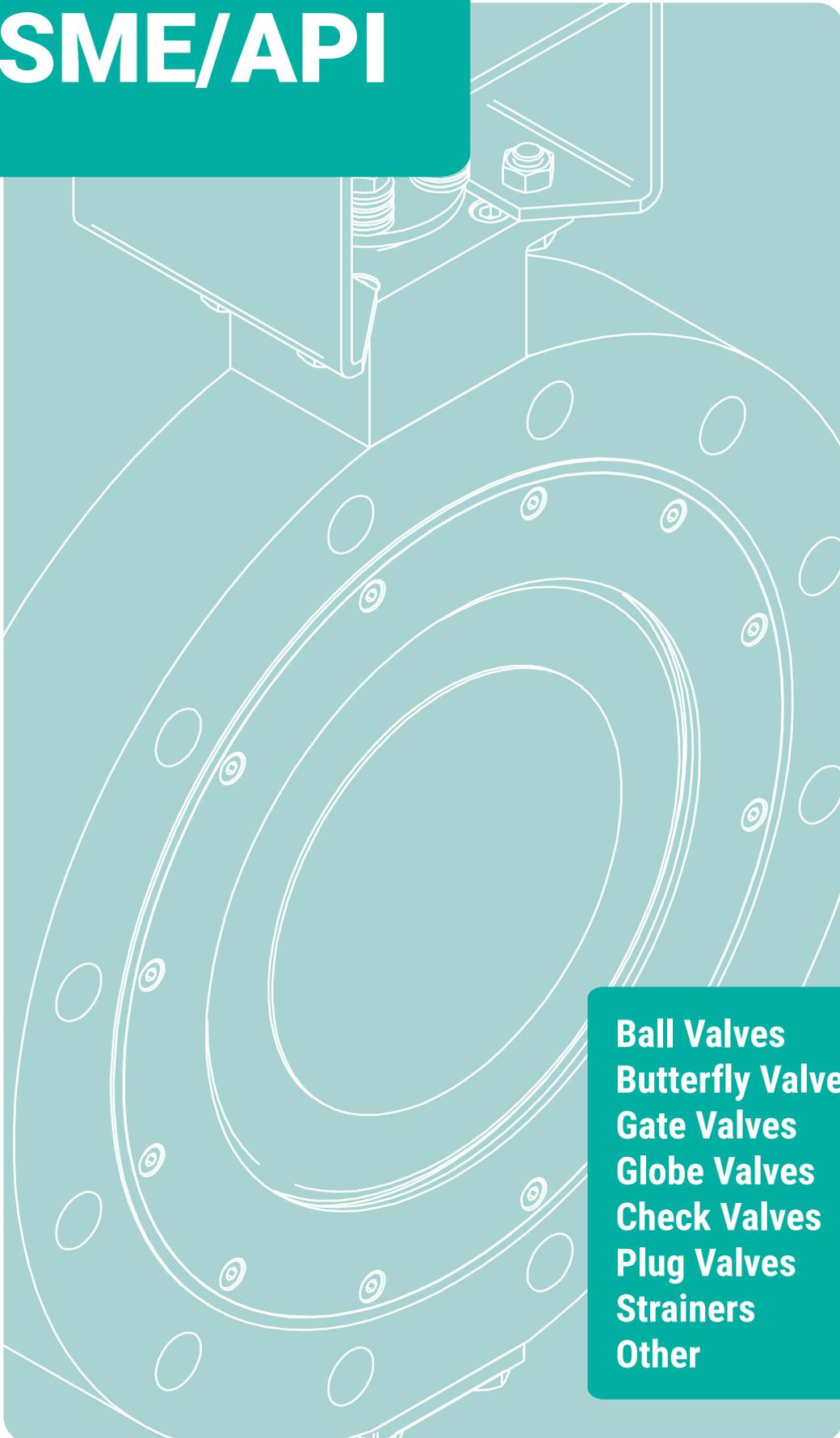
## TEST PRESSURE CHART

**EN 12266-1,2/ISO 5208/DIN 3230 T3 Test PRESSURE FOR VALVE**

EN/DIN ISO/PN	Hydrostatic Test Pressure in bar(MPa)			Pneumatic low pressure closure test pressure in 6 bar (MPa)
	Shell	Back Seat	Closure	
6	9(0,9)	6,6 (0,66)	6,6 (0,66)	6±1 bar (0,6 MPa)
10	15(1,5)	11 (1,1)	11 (1,1)	6±1 bar (0,6 MPa)
16	24(2,4)	17,6 (1,76)	17,6 (1,76)	6±1 bar (0,6 MPa)
25	37,5(3,75)	27,5(2,75)	27,5(2,75)	6±1 bar (0,6 MPa)
40	60(6,0)	44(4,4)	44(4,4)	6±1 bar (0,6 MPa)
63	94,5(9,45)	69,3(6,93)	69,3(6,93)	6±1 bar (0,6 MPa)
100	150(15,0)	110(11,0)	110(11,0)	6±1 bar (0,6 MPa)
160	240(24,0)	176(17,6)	176(17,6)	6±1 bar (0,6 MPa)
250	375(37,5)	275(27,5)	275(27,5)	6±1 bar (0,6 MPa)
320	480(48,5)	352(35,2)	352(35,2)	6±1 bar (0,6 MPa)
400	600(60,0)	440(44,0)	440(44,0)	6±1 bar (0,6 MPa)



# ASME/API



**Ball Valves**  
**Butterfly Valves**  
**Gate Valves**  
**Globe Valves**  
**Check Valves**  
**Plug Valves**  
**Strainers**  
**Other**



# BALL VALVES



# BALL VALVE

## 2-Piece Forged Steel Flanged Class 150

Type: **OMV-BAV-2P-F-CL 150**

ASME/API

### Ball Valve Flanged Class 150

Ref. to OMV-B13, Full bore

Bolted bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D

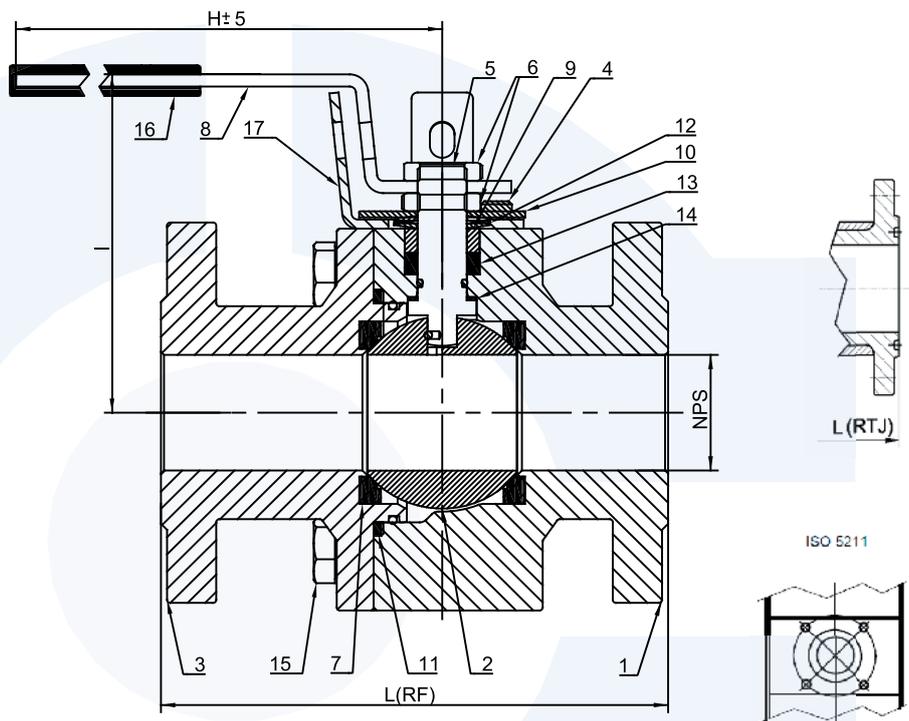
Face to face dimension: ASME B16.10, API 6D

Flange connection: ASME B16.5

Test and inspection: API 598, API 6D

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105, AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105, AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



		DIMENSIONS										
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"
L-RF	mm	108	117	127	140	165	178	191	203	229	267	457
L-RTJ	mm	108	117	127	140	165	181	194	206	232	270	460
I	mm	87	94	106	116	120	147	162	178	192	305	349
H	mm	160	160	173	210	210	275	275	370	370	700	700
Weight	kg	2,7	4,1	6,1	7	12	14	22	23	36	78	124,6

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2

Ball: A351 CF8M, AISI 316

Metal parts: AISI 304, AISI 316, AISI 301

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged Class 300

Type: **OMV-BAV-2P-F-CL 300**

ASME/API

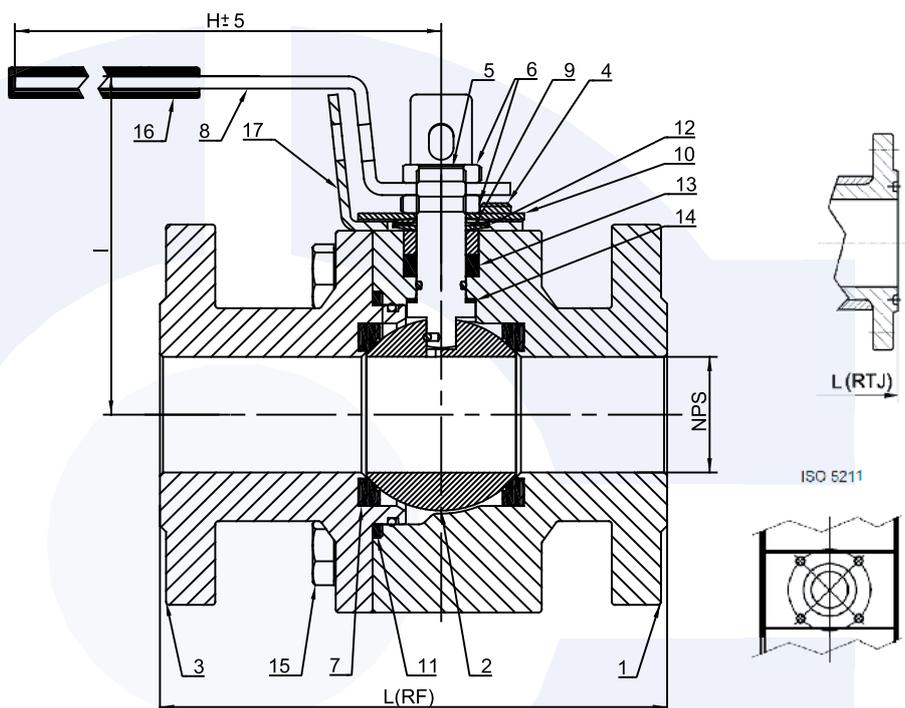
### Ball Valve Flanged Class 300

Ref. to OMV-B13, Full bore  
Bolted bonnet, antistatic and blowout proof stem  
Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
Face to face dimension: ASME B16.10, API 6D  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105; AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



### DIMENSIONS

NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"
L-RF	mm	140	152	185	178	190	216	241	283	305	403	419
L-RTJ	mm	140	152	185	178	190	219	244	286	308	410	427
I	mm	87	94	106	116	120	147	162	178	192	250	290
H	mm	160	160	173	210	210	275	275	370	370	600	700
Weight	kg	2,7	4,1	6,1	7	12	15	23	24	38	93	170

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 316  
Metal parts: AISI 304, AISI 316, AISI 301  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged Class 600

Type: **OMV-BAV-2P-F-CL 600**

ASME/API

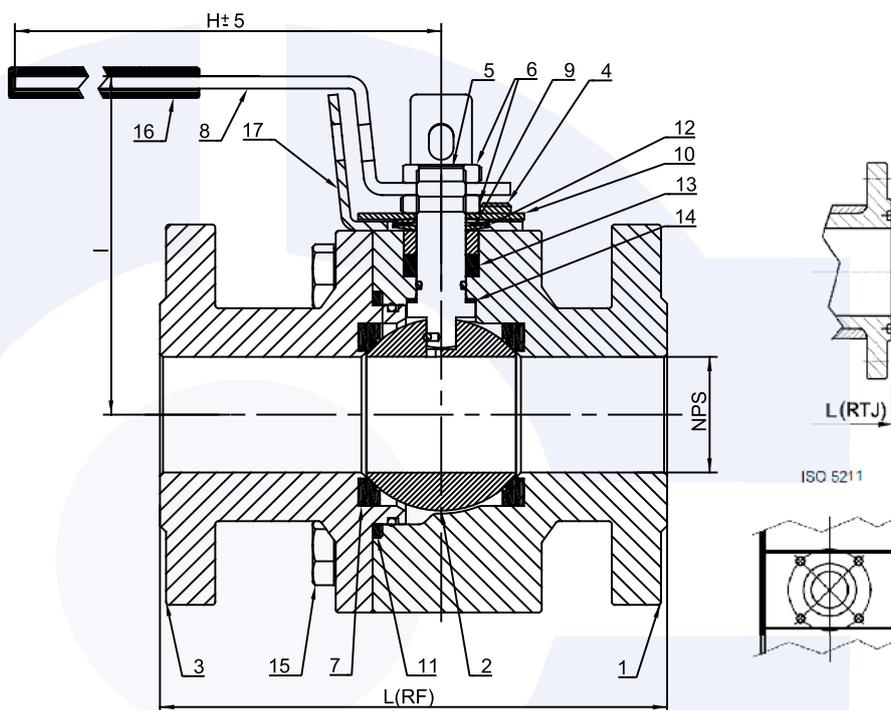
### Ball Valve Flanged Class 600

Ref. to OMV-B13, Full bore  
 Bolted bonnet, antistatic and blowout proof stem  
 Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
 Face to face dimension: ASME B16.10, API 6D  
 Flange connection: ASME B16.5  
 Test and inspection: API 598, API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105; AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



DIMENSIONS										
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L-RF	mm	165	190	216	229	241	292	330	356	432
L-RTJ	mm	165	190	216	229	241	295	333	359	435
I	mm	87	92	102	112	128	151	190	215	235
H	mm	150	150	175	230	275	280	320	380	450
Weight	kg	5	7,5	9	13	17	24	33	44	70

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
 Ball: A351 CF8M, AISI 316  
 Metal parts: AISI 304, AISI 316, AISI 301  
 Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
 Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged Class 900

Type: **OMV-BAV-2P-F-CL 900**

ASME/API

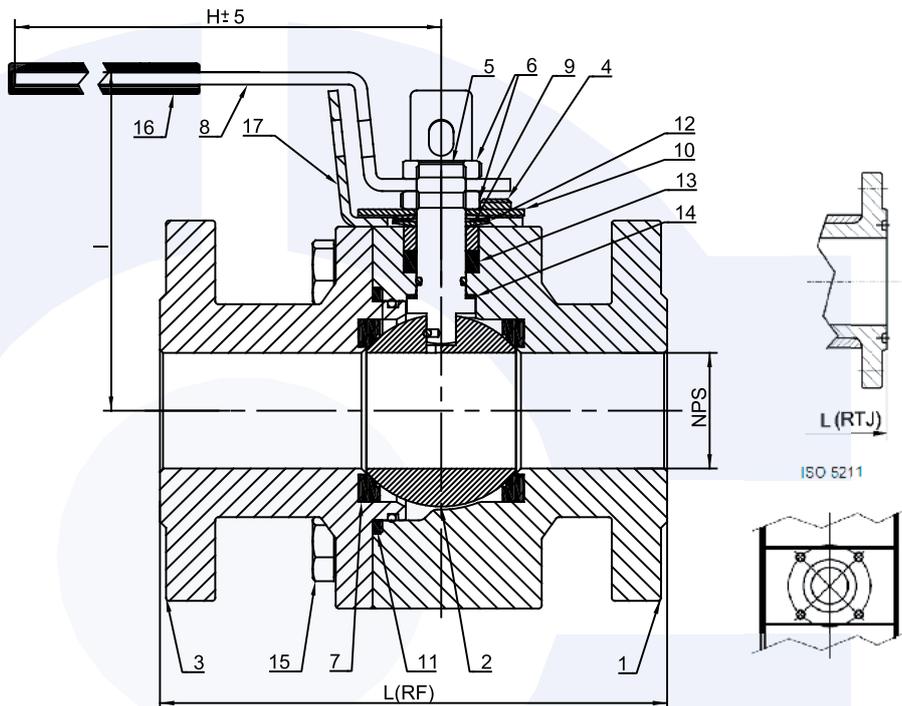
### Ball Valve Flanged Class 900

Ref. to OMV-B13, Full bore  
 Bolted bonnet, antistatic and blowout proof stem  
 Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
 Face to face dimension: ASME B16.10, API 6D  
 Flange connection: ASME B16.5  
 Test and inspection: API 598, API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105; AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



DIMENSIONS										
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L-RF	mm	216	229	254	279	305	368	419	381	457
L-RTJ	mm	216	229	254	279	305	371	422	384	460
I	mm	90	95	105	115	135	160	200	220	240
H	mm	150	150	175	230	275	280	380	450	550
Weight	kg	10	14	17	23	28	34	40	49	75

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
 Ball: A351 CF8M, AISI 316  
 Metal parts: AISI 304, AISI 316, AISI 301  
 Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
 Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged Class 1500

**OMV-BAV-2P-F-CL1500**

ASME/API

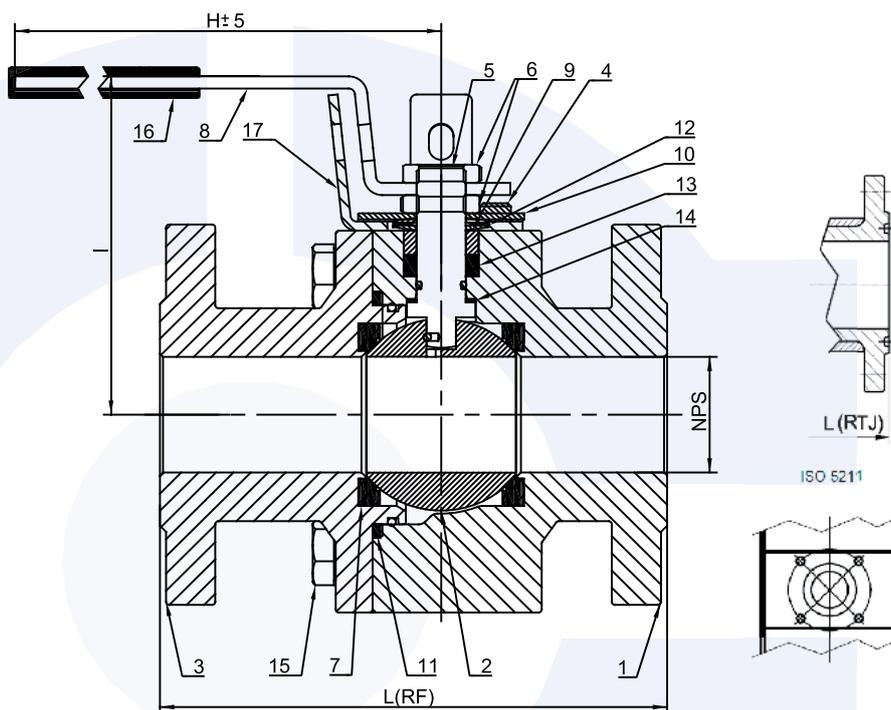
### Ball Valve Flanged Class 1500

Ref. to OMV-B13, Full bore  
 Bolted bonnet, antistatic and blowout proof stem  
 Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
 Face to face dimension: ASME B16.10, API 6D  
 Flange connection: ASME B16.5  
 Test and inspection: API 598, API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105; AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



DIMENSIONS											
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
L-RF	mm	216	229	254	279	305	368	419	470	546	
L-RTJ	mm	216	229	254	279	305	371	422	473	549	
I	mm	95	100	110	120	140	165	210	225	245	
H	mm	350	350	500	550	600	700	750	800	850	
Weight	kg	11	15	18	25	30	38	45	53	80	

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
 Ball: A351 CF8M, AISI 316  
 Metal parts: AISI 304, AISI 316, AISI 301  
 Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
 Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged RB Class 150

Type: **OMV-BAV-2P-F-RB-CL 150**

### Ball Valve Flanged Class 150

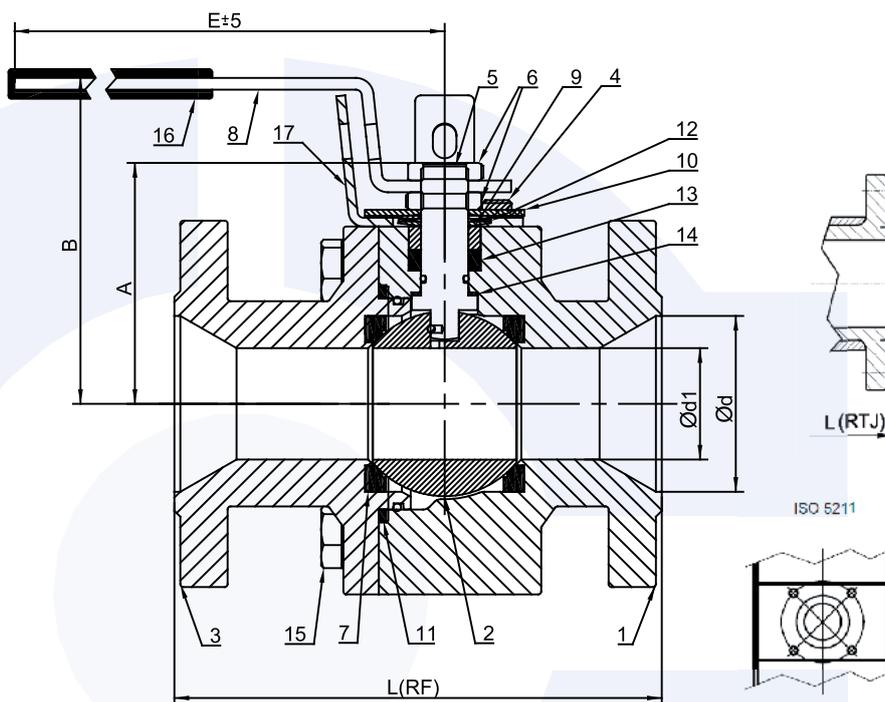
Ref. to OMV-B13, Reduce bore  
Bolted bonnet, antistatic and blowout proof stem  
Fire safe

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
Face to face dimension: ASME B16.10, API 6D  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105, AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105, AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



		DIMENSIONS					
Size	inch	2">1 1/2"	2-1/2">2"	3">2"	4">3"	5">4"	6">5"
L-RF	mm	178	190	203	229	254	394
L-RTJ	mm	181	193	206	232	257	397
Ød1	mm	50	65	80	100	125	150
Ød	mm	38	50	50	80	100	125
A	mm	72	86	89	105	120	177
B	mm	147	162	178	192	212	305
E	mm	275	275	370	370	450	700
Weight	kg	12	15	20	33	48,5	56

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 316  
Metal parts: AISI 304, AISI 316, AISI 301  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged RB Class 300

Type: **OMV-BAV-2P-F-RB-CL 300**

### Ball Valve Flanged Class 300

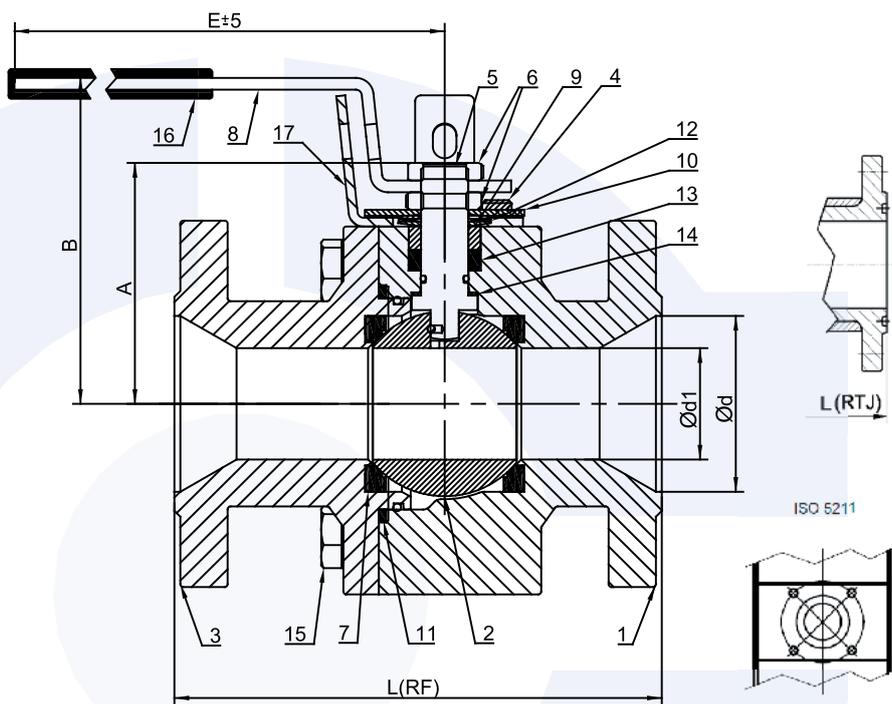
Ref. to OMV-B13, Reduce bore  
Bolted bonnet, antistatic and blowout proof stem  
Fire safe

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
Face to face dimension: ASME B16.10, API 6D  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105, AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105, AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



		DIMENSIONS			
Size	inch	2">1 1/2"	2-1/2">2"	3">2"	4">3"
L-RF	mm	216	241	283	305
L-RTJ	mm	219	244	286	308
Ød1	mm	50	65	80	100
Ød	mm	38	50	50	80
A	mm	72	86	93	105
B	mm	147	162	178	192
E	mm	275	275	370	370
Weight	kg	14,5	17,5	25,5	44,4

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 316  
Metal parts: AISI 304, AISI 316, AISI 301  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged RB Class 600

Type: **OMV-BAV-2P-F-RB-CL 600**

### Ball Valve Flanged Class 600

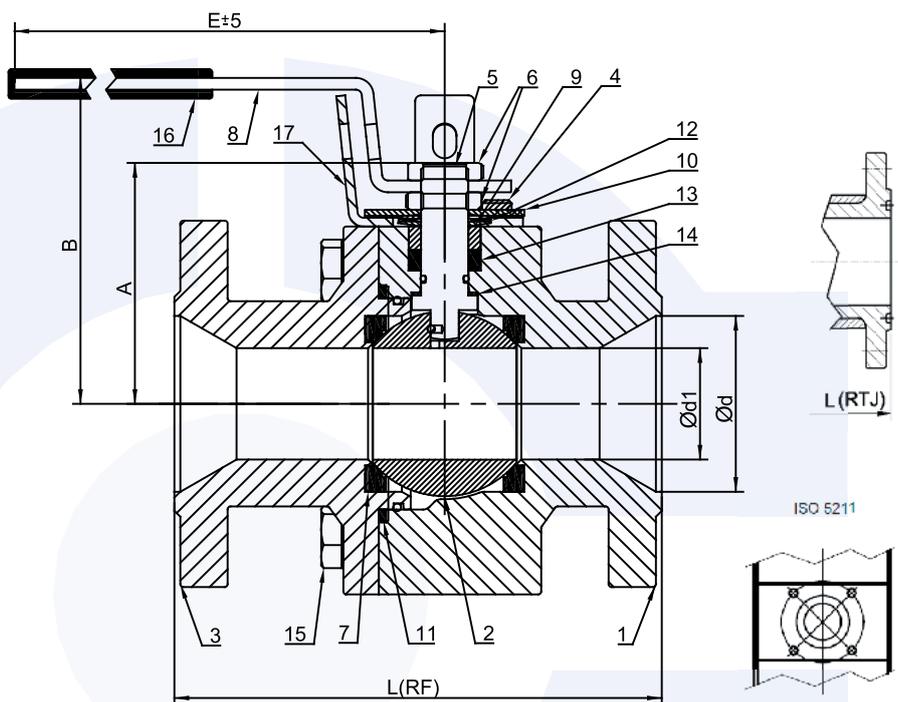
Ref. to OMV-B13, Reduce bore  
Bolted bonnet, antistatic and blowout proof stem  
Fire safe

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
Face to face dimension: ASME B16.10, API 6D  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105, AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105, AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



DIMENSIONS					
Size	inch	2">1 1/2"	2-1/2">2"	3">2"	4">3"
L-RF	mm	292	330	356	432
L-RTJ	mm	295	333	359	435
Ø d1	mm	50	65	80	100
Ø d	mm	38	50	50	80
A	mm	75	88	95	110
B	mm	151	190	215	235
E	mm	280	320	380	450
Weight	kg	25	34	45	71

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 316  
Metal parts: AISI 304, AISI 316, AISI 301  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged RB Class 900

Type: **OMV-BAV-2P-F-RB-CL 900**

### Ball Valve Flanged Class 900

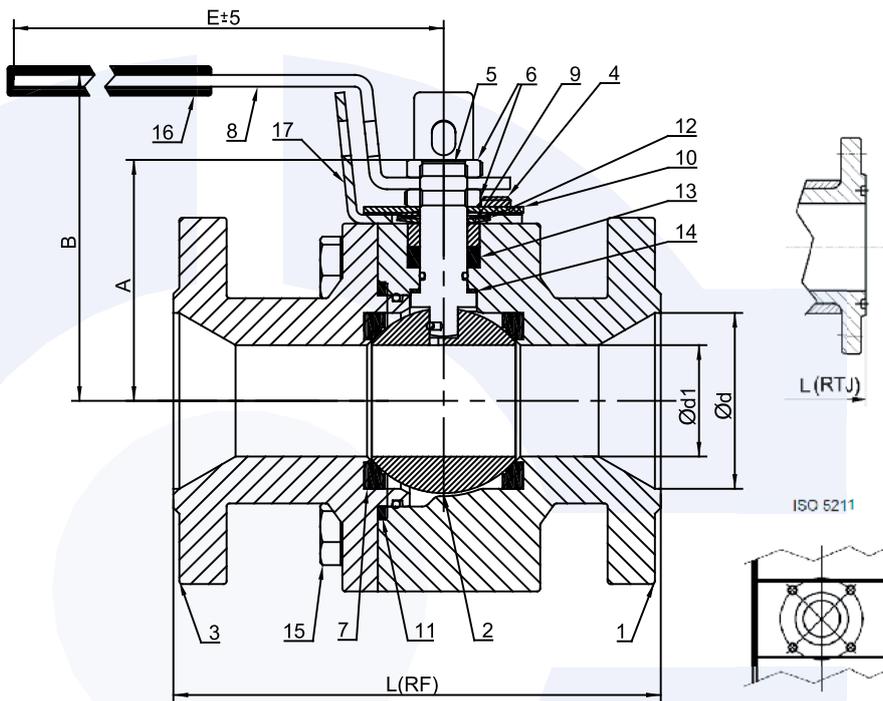
Ref. to OMV-B13, Reduce bore  
Bolted bonnet, antistatic and blowout proof stem  
Fire safe

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
Face to face dimension: ASME B16.10, API 6D  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105, AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105, AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



DIMENSIONS					
Size	inch	2">1 1/2"	2-1/2">2"	3">2"	4">3"
L-RF	mm	368	419	381	457
L-RTJ	mm	371	422	384	460
Ød1	mm	50	65	80	100
Ød	mm	38	50	50	80
A	mm	80	95	100	115
B	mm	155	195	220	240
E	mm	300	400	500	550
Weight	kg	26	36	48	75

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 316  
Metal parts: AISI 304, AISI 316, AISI 301  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged RB Class 1500

Type: **OMV-BAV-2P-F-RB-CL1500**

### Ball Valve Flanged Class 1500

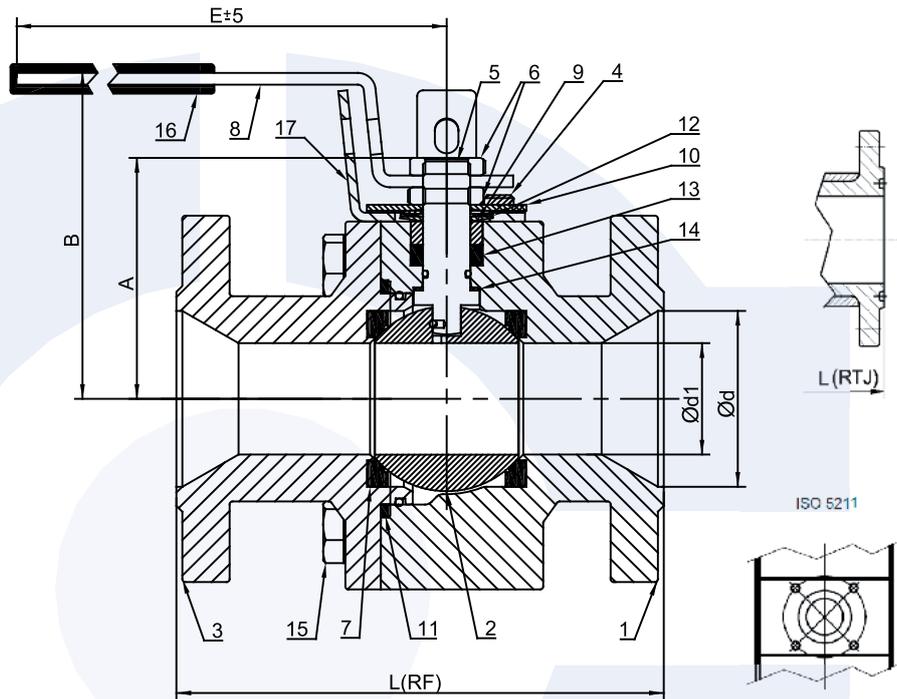
Ref. to OMV-B13, Reduce bore  
Bolted bonnet, antistatic and blowout proof stem  
Fire safe

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
Face to face dimension: ASME B16.10, API 6D  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105, AISI 316
2	Ball	A351 CF8M
3	Bonnet	A105, AISI 316
4	Stop pin	AISI 304
5	Stem	AISI 316
6	Stem nut	AISI 304
7	Seat	PTFE
8	Handle	AISI 304
9	Gland ring	AISI 304
10	Stop plate	AISI 304
11	Body seal	PTFE
12	Belleville disc	AISI 304
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	AISI 304
16	Handle sleeve	PVC
17	Locking device (on request)	AISI 304



#### DIMENSIONS

Size	inch	2">1 1/2"	2-1/2">2"	3">2"	4">3"
L-RF	mm	368	419	470	546
L-RTJ	mm	371	422	473	549
Ød1	mm	50	65	80	100
Ød	mm	38	50	50	80
A	mm	83	98	105	120
B	mm	158	200	225	245
E	mm	400	500	550	600
Weight	kg	27	38	50	80

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 316  
Metal parts: AISI 304, AISI 316, AISI 301  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Flanged Class 150

Type: **OMV-BAV-2P-C-CL 150**

ASME/API

### Ball Valve Flanged Class 150

Ref. to OMV-B13, Full bore

Bolted bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D

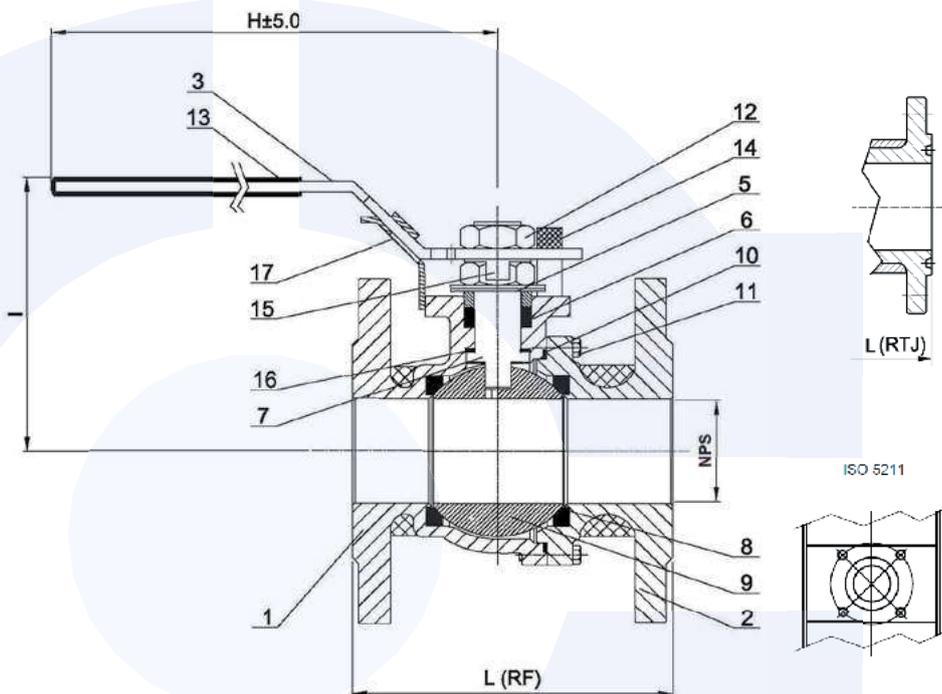
Face to face dimension: ASME B16.10, API 6D

Flange connection: ASME B16.5

Test and inspection: API 598, API 6D

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Handle	AISI 304
4	Gland ring	AISI 304
5	Belleville disc	AISI 304
6	Stem packing	PTFE
7	Stem	AISI 316
8	Seat	PTFE
9	Ball	A351 CF8M
10	Body seat	PTFE
11	Bolt	AISI 304
12	Stem nut	AISI 304
13	Handle sleeve	PVC
14	Stop pin	AISI 304
15	Nut stopper	AISI 304
16	Thrust washer	PTFE
17	Locking device (on request)	AISI 304



		DIMENSIONS										
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"
L-RF	mm	108	117	127	140	165	178	191	203	229	267	457
L-RTJ	mm	108	117	127	140	165	181	194	206	232	270	460
l	mm	87	94	106	116	120	147	162	178	192	305	349
H	mm	160	160	173	210	210	275	275	370	370	700	700
Weight	kg	2,7	4,1	6,1	7	12	14	22	23	36	78	124,6

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Ball: A351 CF8M, AISI 316

Metal parts: AISI 304, AISI 316, AISI 301

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Flanged Class 300

Type: **OMV-BAV-2P-C-CL 300**

ASME/API

### Ball Valve Flanged Class 300

Ref. to OMV-B13, Full bore

Bolted bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D

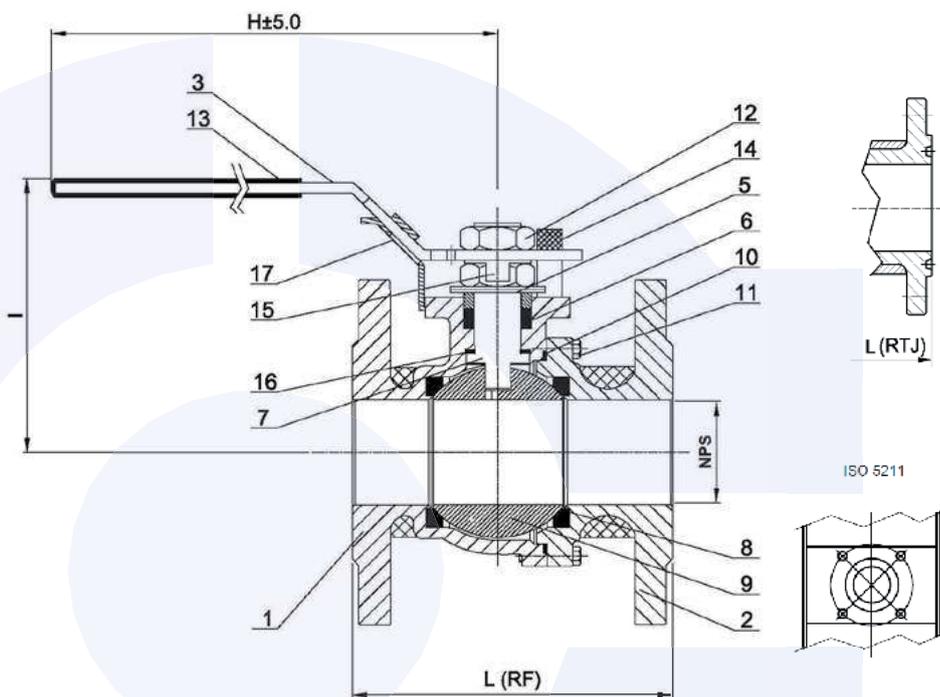
Face to face dimension: ASME B16.10, API 6D

Flange connection: ASME B16.5

Test and inspection: API 598, API 6D

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Handle	AISI 304
4	Gland ring	AISI 304
5	Belleville disc	AISI 304
6	Stem packing	PTFE
7	Stem	AISI 316
8	Seat	PTFE
9	Ball	A351 CF8M
10	Body seat	PTFE
11	Bolt	AISI 304
12	Stem nut	AISI 304
13	Handle sleeve	PVC
14	Stop pin	AISI 304
15	Nut stopper	AISI 304
16	Thrust washer	PTFE
17	Locking device (on request)	AISI 304



### DIMENSIONS

NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"
L-RF	mm	140	152	185	178	190	216	241	283	305	403	419
L-RTJ	mm	140	152	185	178	190	219	244	286	308	410	427
I	mm	87	94	106	116	120	147	162	178	192	250	290
H	mm	160	160	173	210	210	275	275	370	370	600	700
Weight	kg	2,7	4,1	6,1	7	12	15	23	24	38	93	170

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Ball: A351 CF8M, AISI 31

Metal parts: AISI 304, AISI 316, AISI 301

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Flanged Class 600

Type: **OMV-BAV-2P-C-CL 600**

ASME/API

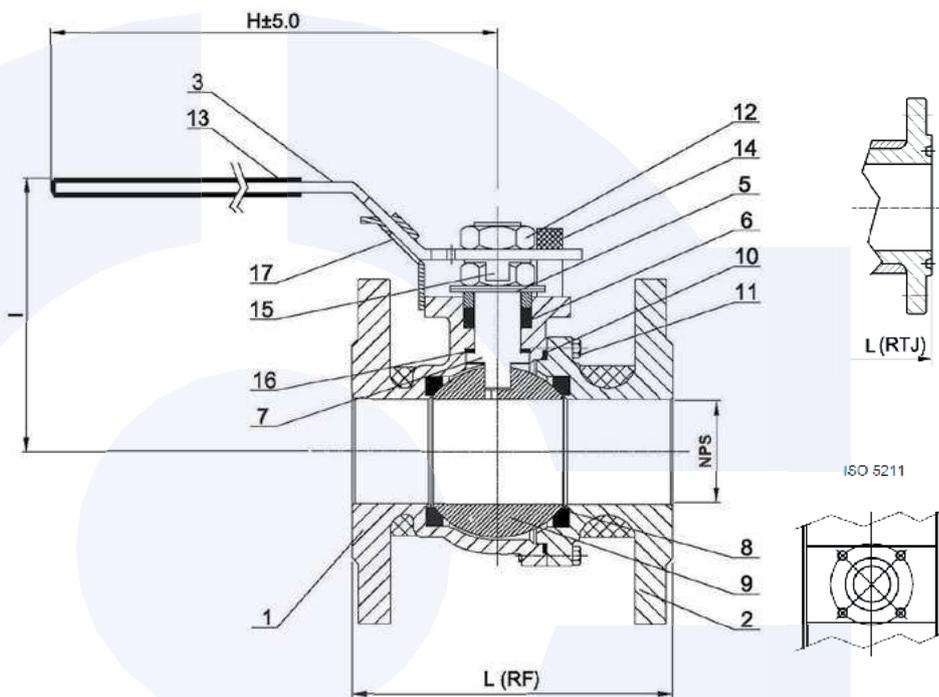
### Ball Valve Flanged Class 600

Ref. to OMV-B13, Full bore  
 Bolted bonnet, antistatic and blowout proof stem  
 Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
 Face to face dimension: ASME B16.10, API 6D  
 Flange connection: ASME B16.5  
 Test and inspection: API 598, API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Handle	AISI 304
4	Gland ring	AISI 304
5	Belleville disc	AISI 304
6	Stem packing	PTFE
7	Stem	AISI 316
8	Seat	PTFE
9	Ball	A351 CF8M
10	Body seat	PTFE
11	Bolt	AISI 304
12	Stem nut	AISI 304
13	Handle sleeve	PVC
14	Stop pin	AISI 304
15	Nut stopper	AISI 304
16	Thrust washer	PTFE
17	Locking device (on request)	AISI 304



DIMENSIONS										
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L-RF	mm	165	190	216	229	241	292	330	356	432
L-RTJ	mm	165	190	216	229	241	295	333	359	435
I	mm	90	98	110	118	135	155	200	225	245
H	mm	150	150	175	230	275	280	320	380	450
Weight	kg	6	8	11	14	18	25	36	46	72

### Alternative materials:

Ball: A351 CF8M, AISI 316  
 Metal parts: AISI 304, AISI 316, AISI 301  
 Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
 Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Flanged Class 900

Type: **OMV-BAV-2P-C-CL 900**

ASME/API

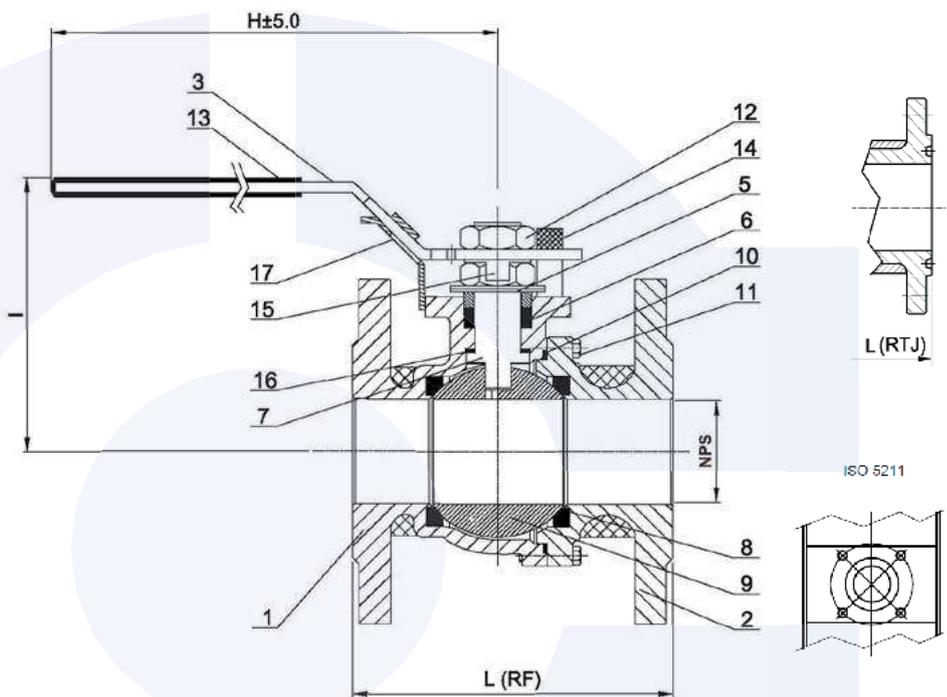
### Ball Valve Flanged Class 900

Ref. to OMV-B13, Full bore  
 Bolted bonnet, antistatic and blowout proof stem  
 Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D  
 Face to face dimension: ASME B16.10, API 6D  
 Flange connection: ASME B16.5  
 Test and inspection: API 598, API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Handle	AISI 304
4	Gland ring	AISI 304
5	Belleville disc	AISI 304
6	Stem packing	PTFE
7	Stem	AISI 316
8	Seat	PTFE
9	Ball	A351 CF8M
10	Body seat	PTFE
11	Bolt	AISI 304
12	Stem nut	AISI 304
13	Handle sleeve	PVC
14	Stop pin	AISI 304
15	Nut stopper	AISI 304
16	Thrust washer	PTFE
17	Locking device (on request)	AISI 304



DIMENSIONS										
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L-RF	mm	216	229	254	279	305	368	419	381	457
L-RTJ	mm	216	229	254	279	305	371	422	384	460
I	mm	92	100	115	120	140	160	210	230	250
H	mm	150	150	175	230	275	280	380	450	550
Weight	kg	10,5	15	18	24	29	34	42	50	77

### Alternative materials:

Ball: A351 CF8M, AISI 316  
 Metal parts: AISI 304, AISI 316, AISI 301  
 Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK  
 Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
 Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator



# BALL VALVE

## 2-Piece Cast Steel Flanged Class 1500

Type: **OMV-BAV-2P-C-CL1500**

ASME/API

### Ball Valve Flanged Class 1500

Ref. to OMV-B13, Full bore

Bolted bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

Design and manufacture: ASME B16.34, API 608, API 6D

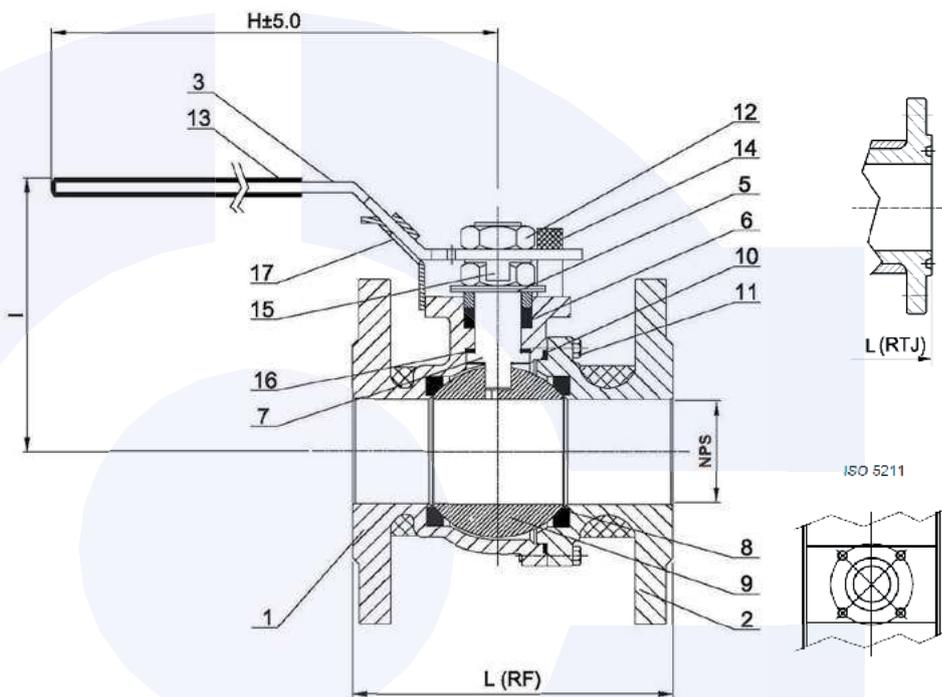
Face to face dimension: ASME B16.10, API 6D

Flange connection: ASME B16.5

Test and inspection: API 598, API 6D

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Handle	AISI 304
4	Gland ring	AISI 304
5	Belleville disc	AISI 304
6	Stem packing	PTFE
7	Stem	AISI 316
8	Seat	PTFE
9	Ball	A351 CF8M
10	Body seat	PTFE
11	Bolt	AISI 304
12	Stem nut	AISI 304
13	Handle sleeve	PVC
14	Stop pin	AISI 304
15	Nut stopper	AISI 304
16	Thrust washer	PTFE
17	Locking device (on request)	AISI 304



DIMENSIONS											
NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
L-RF	mm	216	229	254	279	305	368	419	470	546	
L-RTJ	mm	216	229	254	279	305	371	422	473	549	
l	mm	95	100	115	125	145	170	215	235	255	
H	mm	350	350	500	550	600	700	750	800	850	
Weight	kg	12	16	19	26	31	40	47	55	82	

### Alternative materials:

Ball: A351 CF8M, AISI 316

Metal parts: AISI 304, AISI 316, AISI 301

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolt & Nut: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 3-Piece Forged Steel Trunnion Mounted Class 150

Type: **OMV-BAV-3P-F-TM-CL 150**

ASME/API

### Forged Steel Trunnion Ball Valve Class 150

Bolted bonnet, Three-piece body, Trunnion ball  
Full or reduced bore, Blowout proof stem  
Fire safe and antistatic  
Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
Face to face dimension: API 6D  
Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44  
ASME B16.47 Series A 26" - 48", or on request

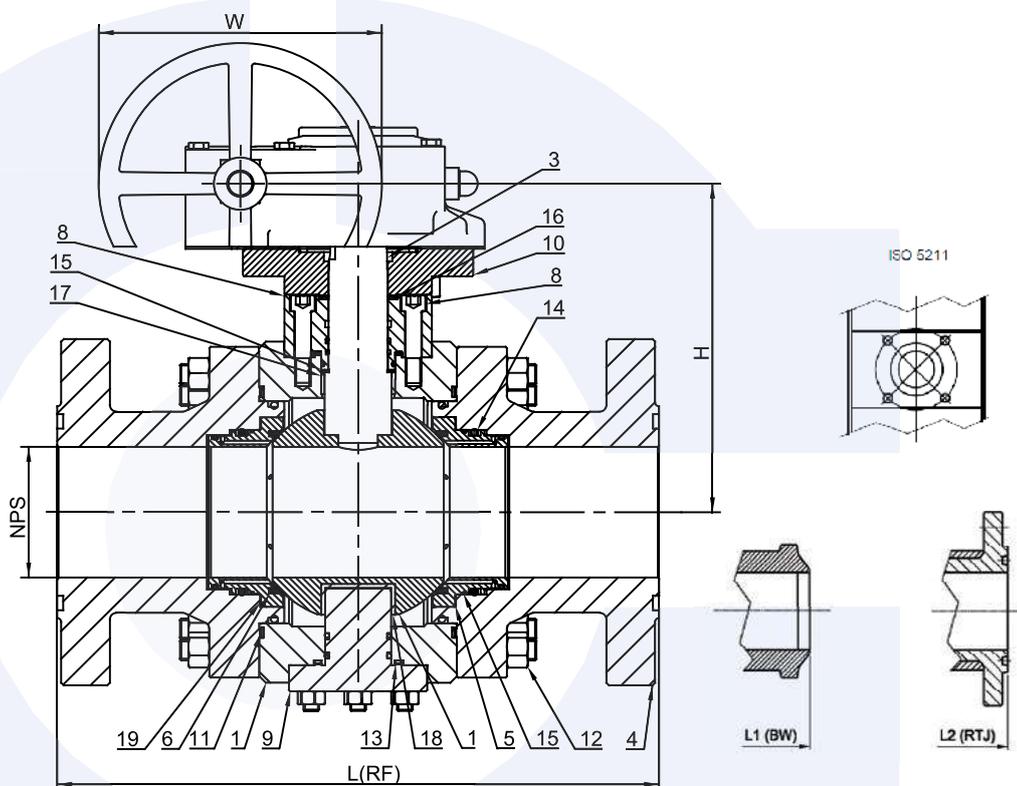
Fire safe: API 607

Butt welded end: ANSI B16.25

Test and inspection: API 6D

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A182 F6a; AISI 316
3	Stem	A182 F316; AISI 316
4	Bonnet	A105; AISI 316
5	Seat insert	AISI 316
6	Seat ring	VITON / PTFE / Graphite
7	Gland cap	AISI 316
8	Bolt	A193-B7
9	Trunnion support	A105; AISI 316
10	Top flange	AISI 316
11	Body gasket	Graphite
12	Nut	A194-8M
13	Gland cap gasket	Graphite+AISI316
14	O-ring	VITON
15	Thrust washer	PTFE+CF
16	Fire safe gasket	Graphite+AISI316
17	Bearing	PTFE+CF
18	Trunnion bearing	PTFE+CF
19	Spring	X-750



		DIMENSIONS																		
NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	
L-RF	mm	178	190	203	229	394	457	533	610	686	762	864	914	1067	1143	1245	1295	1372	1524	
L1-BW	mm	216	241	283	305	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727	
H	mm	130	142	185	235	325	390	445	520	550	580	605	610	725	760	790	825	870	950	
W	mm	400	400	600	600	600	600	800	800	800	800	800	800	800	1000	1000	1000	1000	1000	
Weight kg	RF	15	19	27	38	81	140	160	205	260	390	510	750	1200	1400	1860	2100	2530	2970	
	BW	13,5	15,5	24,5	32,5	76	132	147	182	241	370	495	726	1125	1250	1640	1930	2390	2760	

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2

Ball: A351 CF8M, AISI 304, AISI 316

Seat: PTFE, RPTFE, Nylon, Viton

Gasket: PTFE, Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 3-Piece Forged Steel Trunnion Mounted Class 300

Type: **OMV-BAV-3P-F-TM-CL 300**

ASME/API

### Forged Steel Trunnion Ball Valve Class 300

Bolted bonnet, Three-piece body, Trunnion ball  
Full or reduced bore, Blowout proof stem  
Fire safe and anti static  
Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
Face to face dimension: API 6D  
Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44  
ASME B16.47 Series A 26" – 48", or on request

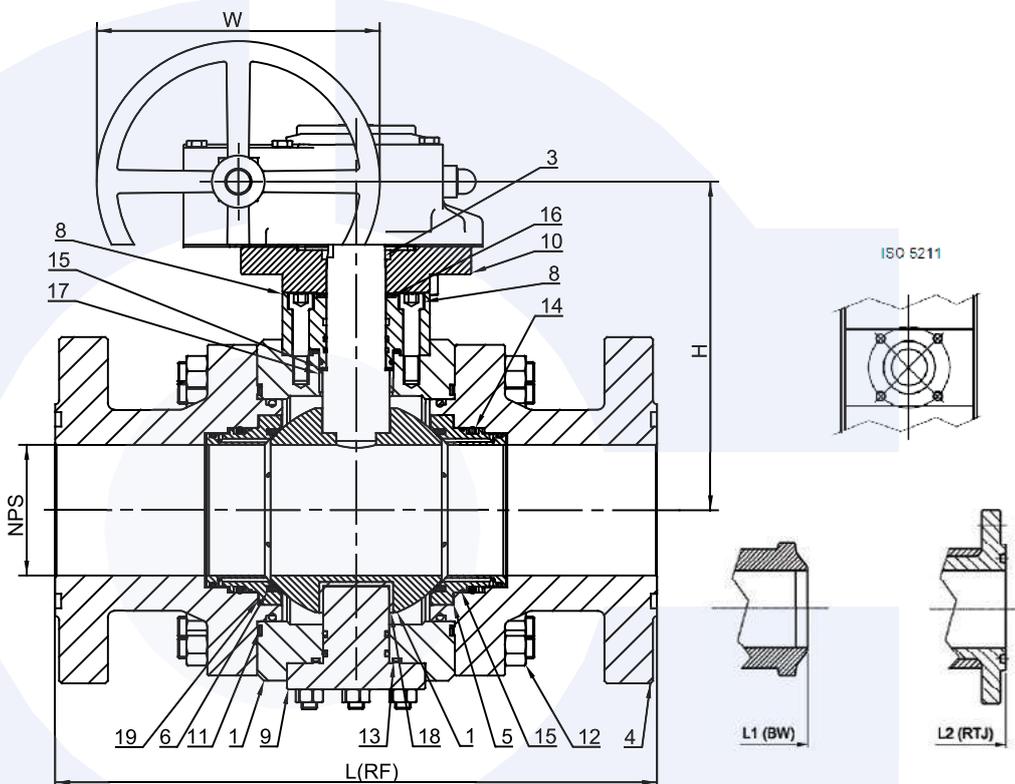
Fire safe: API 607

Butt welded end: ANSI B16.25

Test and inspection: API 6D

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A182 F6a; AISI 316
3	Stem	A182 F316; AISI 316
4	Bonnet	A105; AISI 316
5	Seat insert	AISI 316
6	Seat ring	VITON / PTFE / Graphite
7	Gland cap	AISI 316
8	Bolt	A193-B7
9	Trunnion support	A105; AISI 316
10	Top flange	AISI 316
11	Body gasket	Graphite
12	Nut	A194-8M
13	Gland cap gasket	Graphite+AISI316
14	O-ring	VITON
15	Thrust washer	PTFE+CF
16	Fire safe gasket	Graphite+AISI316
17	Bearing	PTFE+CF
18	Trunnion bearing	PTFE+CF
19	Spring	X-750



		DIMENSIONS																	
NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"
L-RF	mm	216	241	283	305	403	502	568	648	762	838	914	991	1143	1245	1346	1397	1524	1727
L1-BW	mm	216	241	283	305	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727
H	mm	130	142	185	235	325	390	445	520	550	580	605	610	725	760	790	825	870	950
W	mm	400	400	600	600	600	600	800	800	800	800	800	800	800	1000	1000	1000	1000	1000
Weight kg	RF	30	40	60	90	200	325	490	690	990	1810	2620	2860	4430	5430	6810	7655	9590	10100
	BW	24	31	49	72	169	280	424	598	872	1665	2440	2635	4075	4880	6225	7115	9230	9915

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2

Ball: A351 CF8M, AISI 304, AISI 316

Seat: PTFE, RPTFE, Nylon, Viton

Gasket: PTFE; Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 3-Piece Forged Steel Trunnion Mounted Class 600

Type: **OMV-BAV-3P-F-TM-CL 600**

ASME/API

### Forged Steel Trunnion Ball Valve Class 600

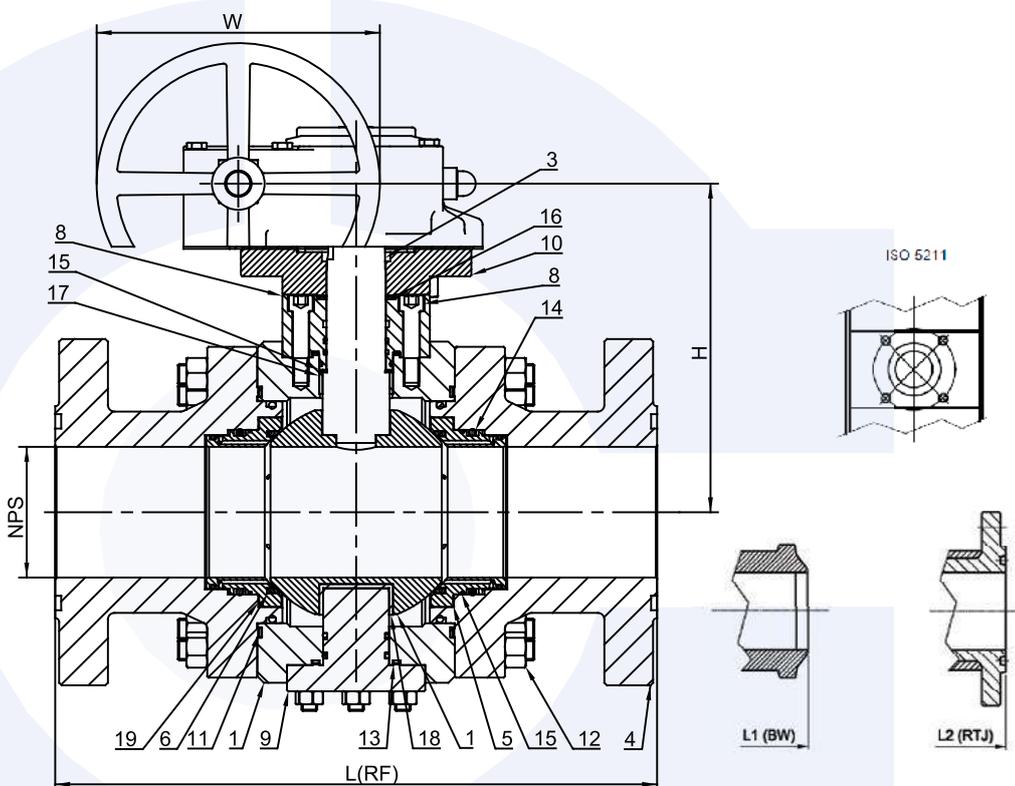
Bolted bonnet, Three-piece body, Trunnion ball  
Full or reduced bore, Blowout proof stem  
Fire safe and anti static  
Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
Face to face dimension: API 6D  
Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44  
ASME B16.47 Series A 26" - 48", or on request

Fire safe: API 607  
Butt welded end: ANSI B16.25  
Test and inspection: API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A182 F6a; AISI 316
3	Stem	A182 F316; AISI 316
4	Bonnet	A105; AISI 316
5	Seat insert	AISI 316
6	Seat ring	VITON / PTFE / Graphite
7	Gland cap	AISI 316
8	Bolt	A193-B7
9	Trunnion support	A105; AISI 316
10	Top flange	AISI 316
11	Body gasket	Graphite
12	Nut	A194-8M
13	Gland cap gasket	Graphite+AISI316
14	O-ring	VITON
15	Thrust washer	PTFE+CF
16	Fire safe gasket	Graphite+AISI316
17	Bearing	PTFE+CF
18	Trunnion bearing	PTFE+CF
19	Spring	X-750



		DIMENSIONS															
NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	
L-RF	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	
L1-BW	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	
L2-RTJ	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1461	1562	
H	mm	130	142	185	235	325	390	445	520	550	580	605	610	725	760	790	
W	mm	400	400	600	600	600	600	800	800	800	800	800	800	800	1000	1000	
Weight kg	RF/RTJ	34	53	65	125	245	505	640	910	1380	2250	3400	3850	4900	6700	8300	
	BW	27	43	49	95	188	418	495	740	1185	1960	3050	3406	4275	6025	7590	

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 304, AISI 316  
Seat: PTFE, RPTFE, Nylon, Viton  
Gasket: PTFE, Spiral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 3-Piece Forged Steel Trunnion Mounted Class 900

Type: **OMV-BAV-3P-F-TM-CL 900**

ASME/API

### Forged Steel Trunnion Ball Valve Class 900

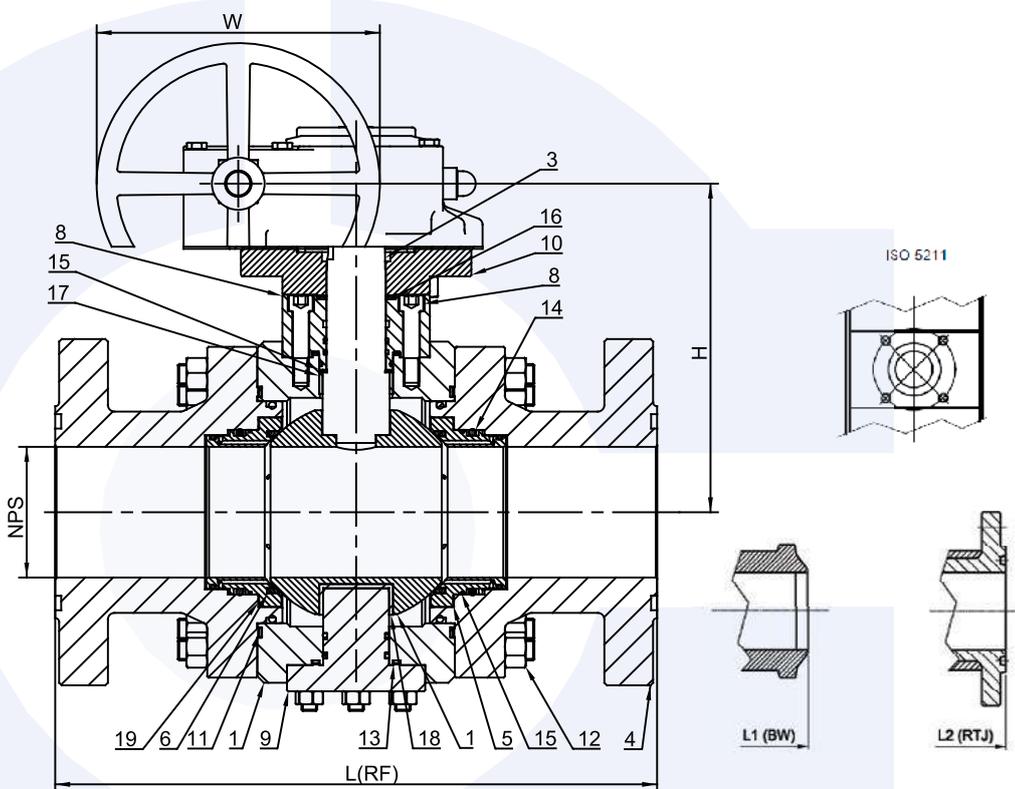
Bolted bonnet, Three-piece body, Trunnion ball  
Full or reduced bore, Blowout proof stem  
Fire safe and anti static  
Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
Face to face dimension: API 6D  
Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44  
ASME B16.47 Series A 26" – 48", or on request

Fire safe: API 607  
Butt welded end: ANSI B16.25  
Test and inspection: API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A182 F6a; AISI 316
3	Stem	A182 F316; AISI 316
4	Bonnet	A105; AISI 316
5	Seat insert	AISI 316
6	Seat ring	VITON / PTFE / Graphite
7	Gland cap	AISI 316
8	Bolt	A193-B7
9	Trunnion support	A105; AISI 316
10	Top flange	AISI 316
11	Body gasket	Graphite
12	Nut	A194-8M
13	Gland cap gasket	Graphite+AISI316
14	O-ring	VITON
15	Thrust washer	PTFE+CF
16	Fire safe gasket	Graphite+AISI316
17	Bearing	PTFE+CF
18	Trunnion bearing	PTFE+CF
19	Spring	X-750



	NPS	inch	DIMENSIONS											
			2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
L-RF	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L1-BW	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L2-RTJ	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568
H	mm	170	190	255	285	370	400	450	500	520	550	600	630	810
W	mm	600	600	600	800	800	800	800	800	800	1000	1000	1000	1000
Weight kg	RF/RTJ	45	65	73	135	360	650	930	1350	1890	3100	4300	4950	7100
	BW	37	53	56	98	291	545	760	1145	1650	2750	3875	4410	6485

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2  
Ball: A351 CF8M, AISI 304, AISI 316  
Seat: PTFE, RPTFE, Nylon, Viton  
Gasket: PTFE, Spiral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 3-Piece Forged Steel Trunnion Mounted Class 1500

Type: **OMV-BAV-3P-F-TM-CL1500**

ASME/API

### Forged Steel Trunnion Ball Valve Class 1500

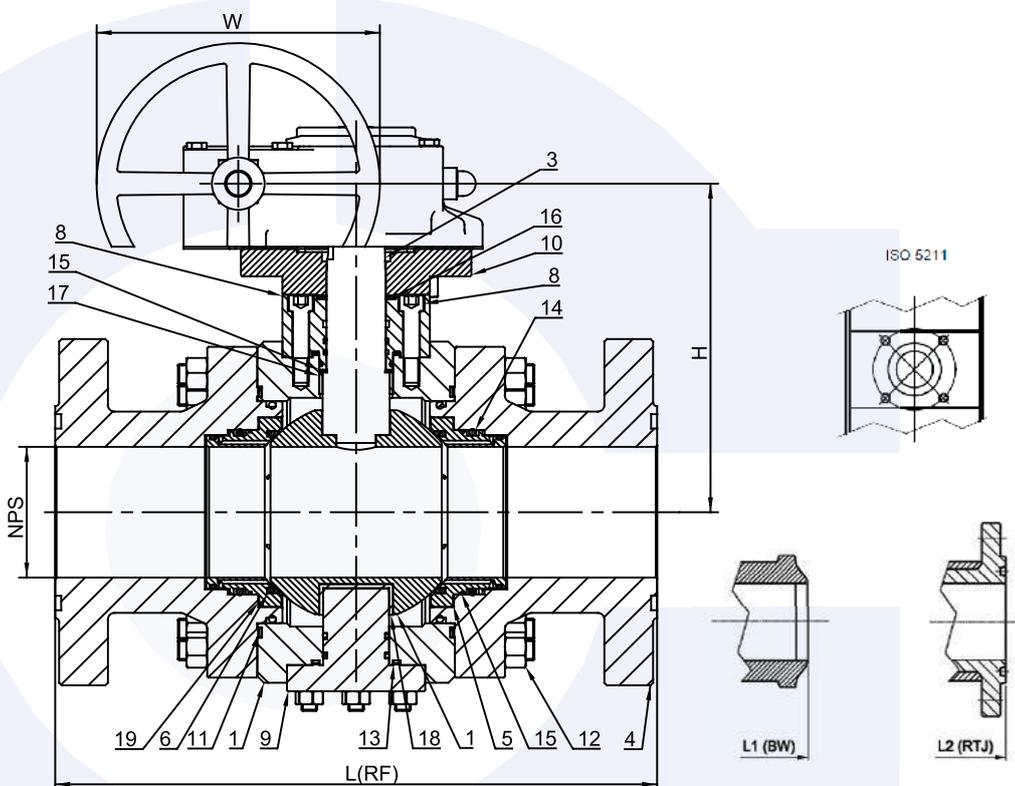
Bolted bonnet, Three-piece body, Trunnion ball  
Full or reduced bore, Blowout proof stem  
Fire safe and antistatic  
Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
Face to face dimension: API 6D  
Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44  
ASME B16.47 Series A 26" - 48", or on request

Fire safe: API 607  
Butt welded end: ANSI B16.25  
Test and inspection: API 6D  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	A105; AISI 316
2	Ball	A182 F6a; AISI 316
3	Stem	A182 F316; AISI 316
4	Bonnet	A105; AISI 316
5	Seat insert	AISI 316
6	Seat ring	VITON / PTFE / Graphite
7	Gland cap	AISI 316
8	Bolt	A193-B7
9	Trunnion support	A105; AISI 316
10	Top flange	AISI 316
11	Body gasket	Graphite
12	Nut	A194-8M
13	Gland cap gasket	Graphite+AISI316
14	O-ring	VITON
15	Thrust washer	PTFE+CF
16	Fire safe gasket	Graphite+AISI316
17	Bearing	PTFE+CF
18	Trunnion bearing	PTFE+CF
19	Spring	X-750



		DIMENSIONS												
NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L-RF	mm	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943
L1-BW	mm	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943
L2-RTJ	mm	371	422	473	549	711	841	1000	1146	1276	1407	1559	1686	1972
H	mm	170	190	210	290	330	400	440	560	640	690	740	790	810
W	mm	600	600	800	800	800	800	1000	1000	1000	1000	1000	1000	1000
Weight kg	RF/RTJ	55	75	95	150	540	880	1360	1980	3100	4650	6260	9265	14560
	BW	40	55	65	115	420	685	1025	1555	2600	3930	5980	8950	14080

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316L, RG5, Duplex, Super duplex, A350 LF2

Ball: A351 CF8M, AISI 304, AISI 316

Seat: PTFE, RPTFE, Nylon, Viton

Gasket: PTFE, Spiral wound, Soft iron; Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Trunnion Mounted Class 150

Type: **OMV-BAV-2P-TM-CL 150**

ASME/API

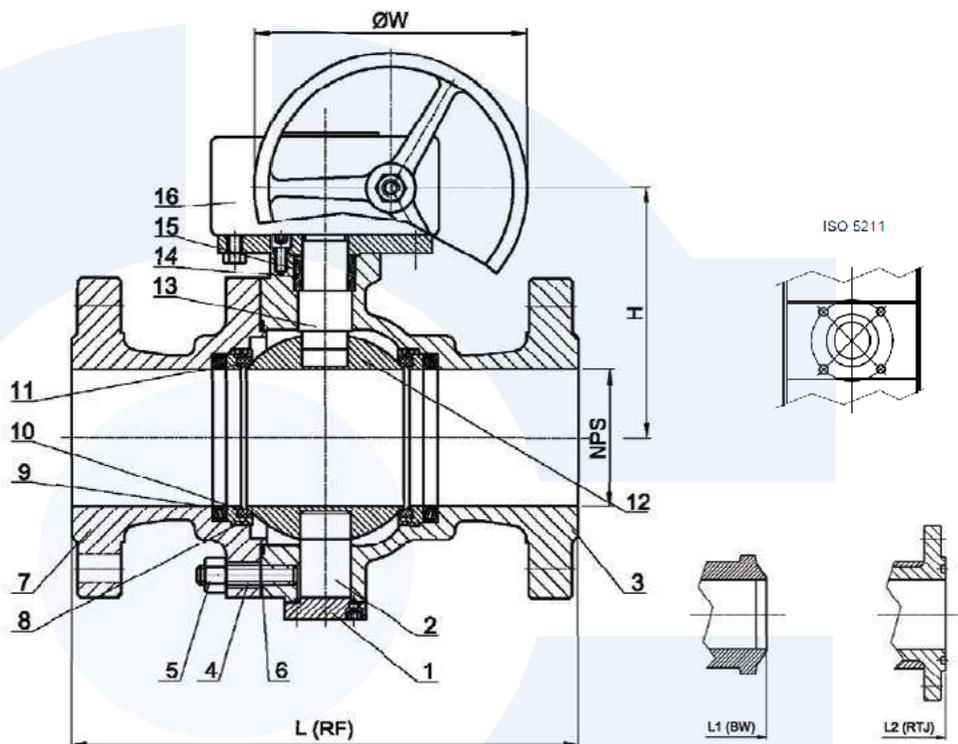
### Cast Steel Trunnion Ball Valve Class 150

Bolted cover, Two-piece or three-piece body, Trunnion ball  
 Full or reduced bore, Blowout proof stem  
 Fire safe and antistatic  
 Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
 Face to face dimension: API 6D  
 Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44; ASME B16.47 Series A  
 26" - 48", or on request  
 Fire safe: API 607, API 6FA  
 Butt welded end: ANSI B16.25  
 Test and inspection: API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Lower cover	A105
2	Lower trunion	A182 F6a
3	Body	A216 Gr. WCB
4	Bolt	A193 Gr. B7
5	Nut	A194 Gr. 2H
6	Gasket	VITON / PTFE / Graphite
7	Bonnet	A216 Gr. WCB
8	O ring	VITON
9	Spring	SS 304 / Inconel 750
10	Seat	A105
11	Ball seat	Reinforced PTFE
12	Ball	A351 Gr. CF8M
13	Stem	Stainless Steel, F6a
14	O ring	VITON
15	Cover	A105
16	Gearbox	Carbon Steel



		DIMENSIONS																			
		NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"
L-RF	mm	178	190	203	229	394	457	533	610	686	762	838	914	991	1067	1143	1245	1295	1372	1524	
	mm	216	241	283	305	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727		
H	mm	177	190	210	235	530	625	650	780	790	920	970	1100	1150	1290	1400	1630	1840	2050		
W	mm	350	400	500	500	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	
	RF	15	19	27	38	81	140	160	205	260	390	510	750	1200	1400	1860	2100	2530	2970		
Weight	kg	BW	13,5	15,5	24,5	32,5	76	132	147	182	241	370	495	726	1125	1250	1640	1930	2390	2760	

### Alternative materials:

Body & Bonnet: A352 LCB, A351 CF8, A351 CF8M,  
 Ball: A351 CF8, A351 CF8M,  
 Seat: PTFE, RPTFE, Nylon  
 Gasket: PTFE, Spiral wound, Soft iron, Graphite  
 Packing: Graphite  
 Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request:

Operators: Hand wheel, Gear box, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Trunnion Mounted Class 300

Type: **OMV-BAV-2P-TM-CL 300**

ASME/API

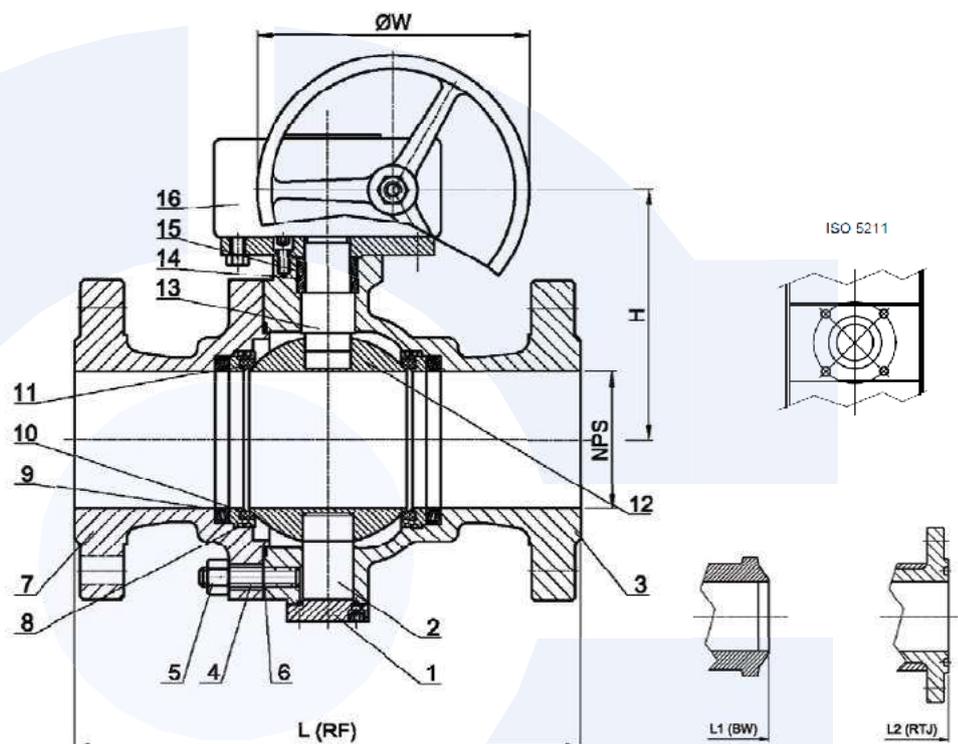
### Cast Steel Trunnion Ball Valve Class 300

Bolted cover, Two-piece or three-piece body, Trunnion ball  
 Full or reduced bore, Blowout proof stem  
 Fire safe and antistatic  
 Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
 Face to face dimension: API 6D  
 Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44; ASME B16.47 Series A  
 26" - 48", or on request  
 Fire safe: API 607, API 6FA  
 Butt welded end: ANSI B16.25  
 Test and inspection: API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Lower cover	A105
2	Lower trunion	A182 F6a
3	Body	A216 Gr. WCB
4	Bolt	A193 Gr. B7
5	Nut	A194 Gr. 2H
6	Gasket	VITON / PTFE / Graphite
7	Bonnet	A216 Gr. WCB
8	O ring	VITON
9	Spring	SS 304 / Inconel 750
10	Seat	A105
11	Ball seat	Reinforced PTFE
12	Ball	A351 Gr. CF8M
13	Stem	Stainless Steel, F6a
14	O ring	VITON
15	Cover	A105
16	Gearbox	Carbon Steel



		DIMENSIONS																		
NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	
L-RF	mm	216	241	283	305	403	502	568	648	762	838	914	991	1143	1245	1346	1397	1524	1727	
L1-BW	mm	216	241	283	305	403	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727	
H	mm	177	190	210	235	530	625	650	780	790	920	970	1100	1150	1290	1400	1630	1840	970	
W	mm	350	400	500	500	600	600	600	600	600	600	600	600	600	600	600	600	600	600	
Weight kg	RF	19	24	34	48	101	175	200	255	325	485	635	935	1500	1750	2225	2450	2870	10100	
	BW	14	16	25	34	82	145	155	185	238	375	516	782	1280	1375	1825	2180	2260	9915	

### Alternative materials:

Body & Bonnet: A352 LCB, A351 CF8, A351 CF8M  
 Ball: A351 CF8, A351 CF8M,  
 Seat: PTFE, RPTFE, Nylon  
 Gasket: PTFE, Spiral wound, Soft iron, Graphite  
 Packing: Graphite  
 Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Trunnion Mounted Class 600

Type: **OMV-BAV-2P-TM-CL 600**

ASME/API

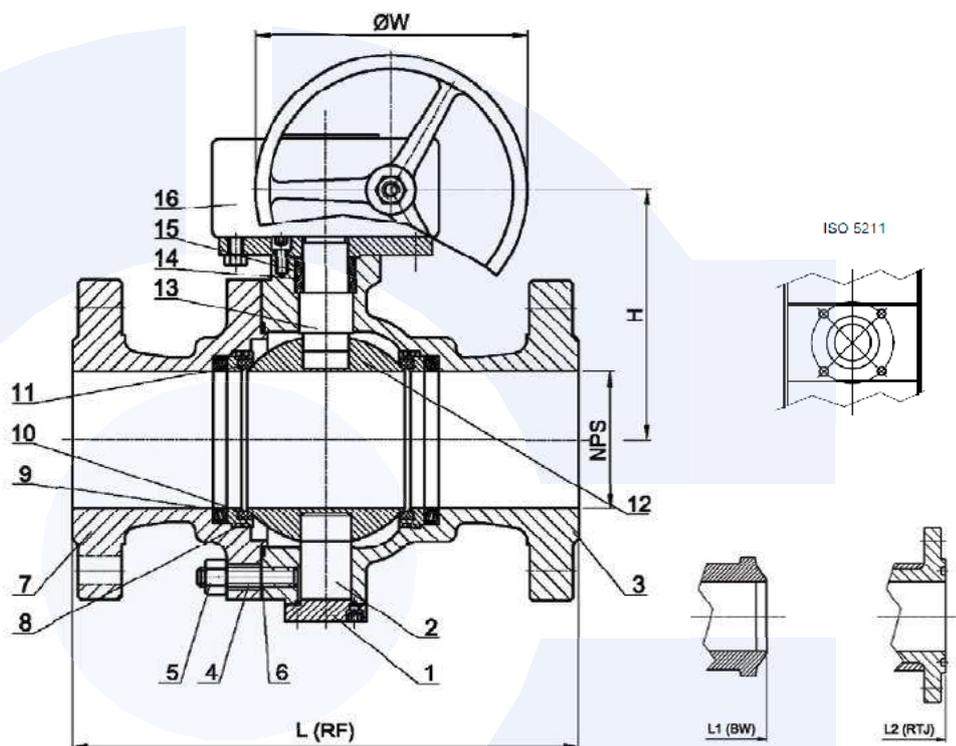
### Cast Steel Trunnion Ball Valve Class 600

Bolted cover, Two-piece or three-piece body, Trunnion ball  
 Full or reduced bore, Blowout proof stem  
 Fire safe and antistatic  
 Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
 Face to face dimension: API 6D  
 Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44; ASME B16.47 Series A  
 26" - 48", or on request  
 Fire safe: API 607, API 6FA  
 Butt welded end: ANSI B16.25  
 Test and inspection: API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Lower cover	A105
2	Lower trunnion	A182 F6a
3	Body	A216 Gr. WCB
4	Bolt	A193 Gr. B7
5	Nut	A194 Gr. 2H
6	Gasket	VITON / PTFE / Graphite
7	Bonnet	A216 Gr. WCB
8	O ring	VITON
9	Spring	SS 304 / Inconel 750
10	Seat	A105
11	Ball seat	Reinforced PTFE
12	Ball	A351 Gr. CF8M
13	Stem	Stainless Steel, F6a
14	O ring	VITON
15	Cover	A105
16	Gearbox	Carbon Steel



		DIMENSIONS															
NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	
L-RF	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	
L1-BW	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	
L2-RTJ	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1461	1562	
H	mm	180	193	215	241	540	635	665	790	810	925	985	1130	1185	1335	1450	
W	mm	350	400	500	500	600	600	600	600	800	800	800	800	800	800	800	
Weight kg	RF	31	60	66	125	225	437	716	964	1028	1502	2032	2615	4710	5320	6231	
	BW	26	49	58	110	205	398	616	886	915	1365	1850	2389	4321	4895	5860	
	RTJ	31	60	66	125	225	437	716	964	1028	1502	2032	2615	4710	5320	6231	

### Alternative materials:

Body & Bonnet: A352 LCB, A351 CF8, A351 CF8M  
 Ball: A351 CF8, A351 CF8M  
 Seat: PTFE, RPTFE, Nylon  
 Gasket: PTFE, Spiral wound, Soft iron, Graphite  
 Packing: Graphite  
 Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Trunnion Mounted Class 900

Type: **OMV-BAV-2P-TM-CL 900**

ASME/API

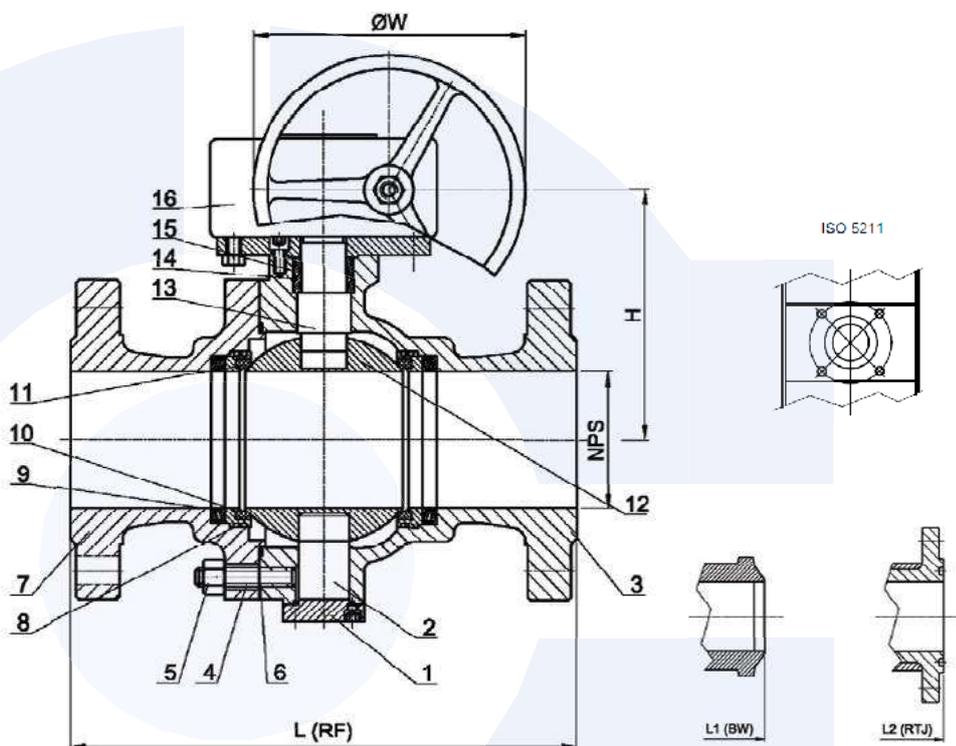
### Cast Steel Trunnion Ball Valve Class 900

Bolted cover, Two-piece or three-piece body, Trunnion ball  
 Full or reduced bore, Blowout proof stem  
 Fire safe and antistatic  
 Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
 Face to face dimension: API 6D  
 Flange connection: 2"-24" acc. to ASME B16.5, or on request  
 Fire safe: API 607, API 6FA  
 Butt welded end: ANSI B16.25  
 Test and inspection: API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Lower cover	A105
2	Lower trunion	A182 F6a
3	Body	A216 Gr. WCB
4	Bolt	A193 Gr. B7
5	Nut	A194 Gr. 2H
6	Gasket	VITON / PTFE / Graphite
7	Bonnet	A216 Gr. WCB
8	O ring	VITON
9	Spring	SS 304 / Inconel 750
10	Seat	A105
11	Ball seat	Reinforced PTFE
12	Ball	A351 Gr. CF8M
13	Stem	Stainless Steel, F6a
14	O ring	VITON
15	Cover	A105
16	Gearbox	Carbon Steel



		DIMENSIONS												
NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L-RF	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L1-BW	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L2-RTJ	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568
H	mm	219	235	260	390	655	770	805	965	980	1145	1195	1360	1425
W	mm	500	500	500	600	600	600	600	800	800	800	800	800	800
Weight kg	RF	48	75	76	150	357	547	976	1516	1950	2864	4123	5163	6610
	BW	34	62	65	132	315	490	815	1360	1768	2564	3915	4865	6150
	RTJ	48	75	76	150	357	547	976	1516	1950	2864	4123	5163	6610

### Alternative materials:

Body & Bonnet: A352 LCB, A351 CF8, A351 CF8M,  
 Ball: A351 CF8, A351 CF8M,  
 Seat: PTFE, RPTFE, Nylon  
 Gasket: PTFE, Spiral wound, Soft iron, Graphite  
 Packing: Graphite  
 Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Trunnion Mounted Class 1500

Type: **OMV-BAV-2P-TM-CL1500**

ASME/API

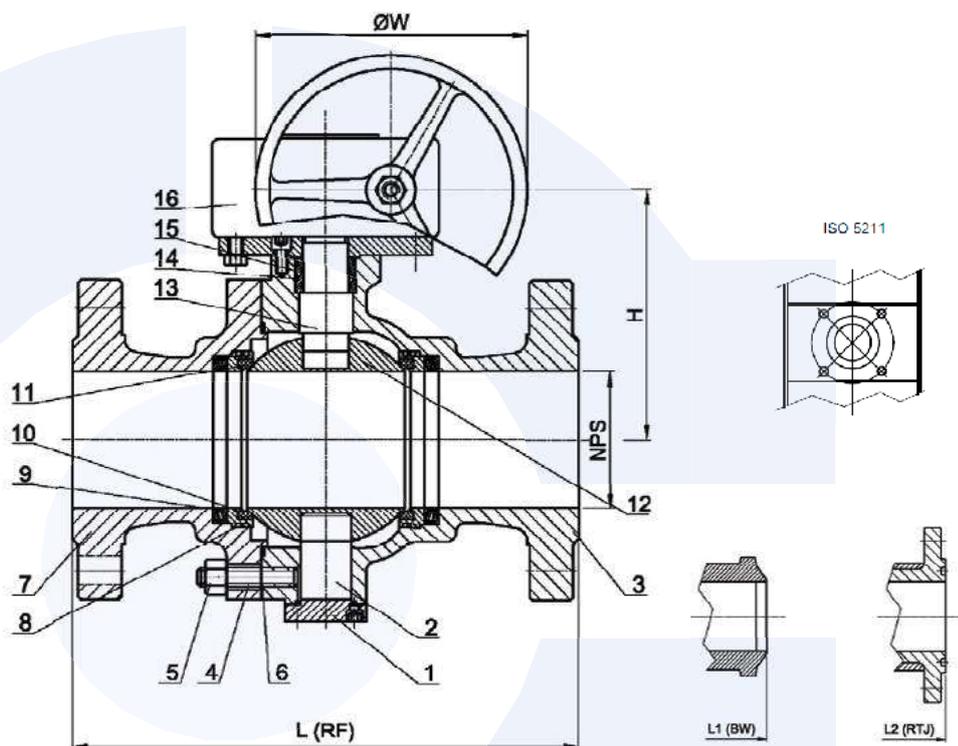
### Cast Steel Trunnion Ball Valve Class 1500

Bolted cover, Two-piece or three-piece body, Trunnion ball  
 Full or reduced bore, Blowout proof stem  
 Fire safe and antistatic  
 Dual seat with injection and drain & outlet

### Standard compliance

Design and manufacture: API 6D  
 Face to face dimension: API 6D  
 Flange connection: 2"-24" acc. to ASME B16.5, or on request  
 Fire safe: API 607, API 6FA  
 Butt welded end: ANSI B16.25  
 Test and inspection: API 6D  
 Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Lower cover	A105
2	Lower trunion	A182 F6a
3	Body	A216 Gr. WCB
4	Bolt	A193 Gr. B7
5	Nut	A194 Gr. 2H
6	Gasket	VITON / PTFE / Graphite
7	Bonnet	A216 Gr. WCB
8	O ring	VITON
9	Spring	SS 304 / Inconel 750
10	Seat	A105
11	Ball seat	Reinforced PTFE
12	Ball	A351 Gr. CF8M
13	Stem	Stainless Steel, F6a
14	O ring	VITON
15	Cover	A105
16	Gearbox	Carbon Steel



		DIMENSIONS														
		NPS	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	RF	mm	368	419	470	546	706	832	991	1130	1257	1384	1537	1664	1943	
	BW	mm	368	419	470	546	706	832	991	1130	1257	1384	1537	1664	1943	
	RTJ	mm	371	422	473	549	711	841	1000	1146	1276	1407	1559	1686	1972	
H		mm	230	260	290	305	370	470	520	430	460	515	590	650	740	
W		mm	300	300	400	400	600	600	600	600	600	600	600	600	600	
Weight	RF	kg	52	74	98	144	320	695	960	2350	2810	4156	6260	9265	14560	
	BW	kg	43	55	68	98	240	480	640	2196	2546	3986	5980	8950	14080	
	RTJ	kg	52	74	98	144	320	695	960	2810	2810	4156	6260	9265	14560	

### Alternative materials:

Body & Bonnet: A352 LCB, A351 CF8, A351 CF8M  
 Ball: A351 CF8, A351 CF8M  
 Seat: PTFE, RPTFE, Nylon  
 Gasket: PTFE, Spiral wound, Soft iron, Graphite  
 Packing: Graphite  
 Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type Class 150

Type: **OMV-BAV-WAF-B3-CL 150**

ASME/API

### Ball Valve Wafer Class 150

Ref. to OMV-B3

Threaded bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

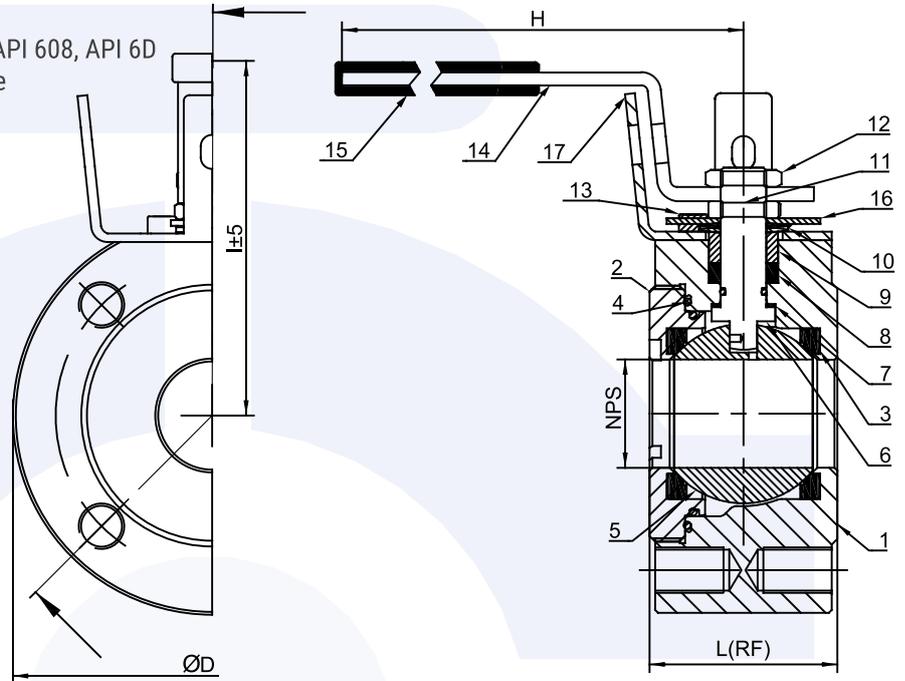
Design and manufacture: ASME B16.34, API 608, API 6D

Face to face dimension: acc. to catalogue

Flange connection: ASME B16.5

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A 105; WCB
2	Bonnet	A 105; WCB
3	Ball Seat	PTFE
4	Body seal	NBR
5	Ball	AISI 304; AISI 316
6	Stem	AISI 304; AISI 316
7	Thrust washer	PTFE
8	Steam packing	PTFE
9	Gland ring	AISI 304; AISI 316
10	Belleville disc	AISI 304; AISI 316
11	Nut stopper	AISI 304; AISI 316
12	Stem nut	AISI 304; AISI 316
13	Stop pin	AISI 304; AISI 316
14	Handle	AISI 304; AISI 316
15	Handle sleeve	PVC
16	Stop plate	AISI 304; AISI 316
17	Locking device (on request)	AISI 304



NOTE:  
connection can be:



LUG

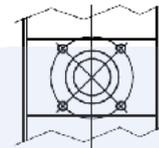


thread through



passing hole

ISO 5211



### DIMENSIONS

NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L-RF	mm	38	43	46	55	66	83	108	126	154
ØD	mm	89	99	108	117	127	152	178	190	229
I	mm	87	94	106	116	120	147	162	178	192
H	mm	160	160	173	210	210	275	275	370	370
Weight	kg	2,5	2,8	3,5	5,7	7,0	11,5	17,0	23,0	33,0

### Alternative materials:

Body & Bonnet: AISI 316, AISI 304, ASTM A105, LF2

Ball: AISI 316, AISI 304

Metal parts: AISI 304, AISI 316, AISI316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type Class 300

Type: **OMV-BAV-WAF-B3-CL 300**

ASME/API

### Ball Valve Wafer Class 300

Ref. to OMV-B3

Threaded bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

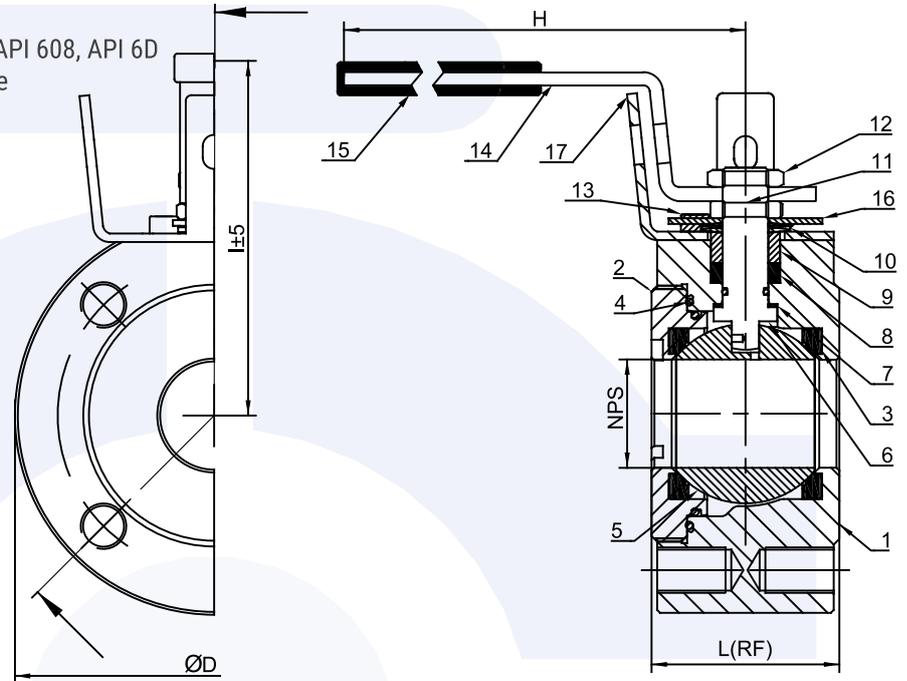
Design and manufacture: ASME B16.34, API 608, API 6D

Face to face dimension: acc. to catalogue

Flange connection: ASME B16.5

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A 105; WCB
2	Bonnet	A 105; WCB
3	Ball Seat	PTFE
4	Body seal	NBR
5	Ball	AISI 304; AISI 316
6	Stem	AISI 304; AISI 316
7	Thrust washer	PTFE
8	Steam packing	PTFE
9	Gland ring	AISI 304; AISI 316
10	Belleville disc	AISI 304; AISI 316
11	Nut stopper	AISI 304; AISI 316
12	Stem nut	AISI 304; AISI 316
13	Stop pin	AISI 304; AISI 316
14	Handle	AISI 304; AISI 316
15	Handle sleeve	PVC
16	Stop plate	AISI 304; AISI 316
17	Locking device (on request)	AISI 304



NOTE:  
connection can be:



LUG

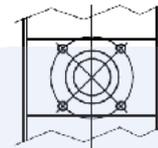


thread through



passing hole

ISO 5211



### DIMENSIONS

NPS	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L-RF	mm	38	43	46	55	66	83	108	126	154
ØD	mm	95	117	124	133	156	165	190	210	254
I	mm	87	94	106	116	120	147	162	178	192
H	mm	160	160	173	210	210	275	275	370	370
Weight	kg	3,0	3,5	4,0	6,0	7,5	12,5	18,0	25,0	36,0

### Alternative materials:

Body & Bonnet: AISI 316, AISI 304, ASTM A105, LF2

Ball: AISI 316, AISI 304

Metal parts: AISI 304, AISI 316, AISI316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type High Performance Class 150

Type: **OMV-BAV-WAF-HP-CL 150**

ASME/API

### Ball Valve Wafer Class 150

Bolted bonnet, antistatic and blowout proof stem  
Two-piece body, Floating ball, Fire safe

### Standard compliance

Design and manufacture: API 6D, ASME B16.34

Face to face dimension: acc. to catalogue

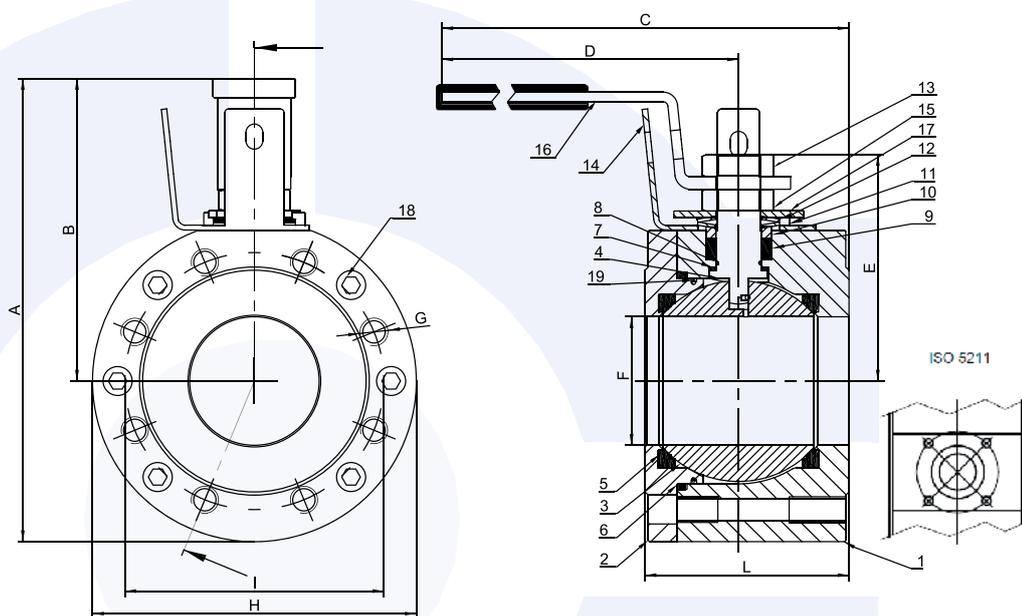
Fire safe: API 607, BS 6755

Flange connection: ANSI B16.5

Test and inspection: API 598, API 6D

Top flange acc.to: ISO 5211

Item	Description Part name	Material
1	Body	AISI 316L
2	Bonnet	AISI 316L
3	Ball	AISI 316L
4	Stem	AISI 316L
5	Seat	PTFE
6	Body seat	PTFE
7	Thrust washer	PTFE
8	O-ring	VITON
9	Stem packing	PTFE
10	Gland washer	AISI 304
11	Stop pin	AISI 304
12	Belleville washers	50CrV4
13	Stem nut	AISI 304
14	Locking device (on request)	AISI 304
15	Stem nut	AISI 304
16	Handle	AISI 304
17	Stop plate	AISI 304
18	Locking screw	AISI 304
19	External body seat	Graphite



SIZE	DIMENSIONS											Weight, kg
	A	B	C	D	E	F	G	HOLES N°	H	I	L	
1/2"	97	52	166,5	140	42	13	1/2"	4	90	60,3	53	2,1
3/4"	105	55	166,5	140	45	19	1/2"	4	100	69,8	53	2,5
1"	123	68	179	150	53	25	1/2"	4	110	79,4	58	3,4
1" 1/4	138	73	182,5	150	58	32	1/2"	4	130	89	65	5,2
1" 1/2	163	93	230	200	72	38	1/2"	4	140	98,4	79	7,5
2"	193	110	265	230	87	50	5/8"	4	165	120,5	70	8,8
2" 1/2	230	137,5	380	333	122,5	65	5/8"	4	185	139,7	95	10,35
3"	250	150	395	333	132,5	78	5/8"	4	200	152,5	122	13,9
4"	275	165	440	370	148,5	96	5/8"	8	220	190,5	140	20
5"	309	181	455	370	166,5	118	3/4"	8	255	215,9	185	51,22
6"	388	241	500	395	197,5	144	3/4"	8	295	241,3	235	80,96
8"	458	276	829	674	232,5	192	3/4"	8	365	298,4	315	177,06

### Alternative materials:

Body & Bonnet: AISI 316, AISI 304, ASTM A105, LF2

Ball: AISI 316, AISI 304

Metal parts: AISI 304, AISI 316, AISI316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type High Performance Class 300

Type: **OMV-BAV-WAF-HP-CL 300**

ASME/API

### Ball Valve Wafer Class 300

Bolted bonnet, antistatic and blowout proof stem  
Two-piece body, Floating ball, Fire safe

### Standard compliance

Design and manufacture: API 6D, ASME B16.34

Face to face dimension: acc. to catalogue

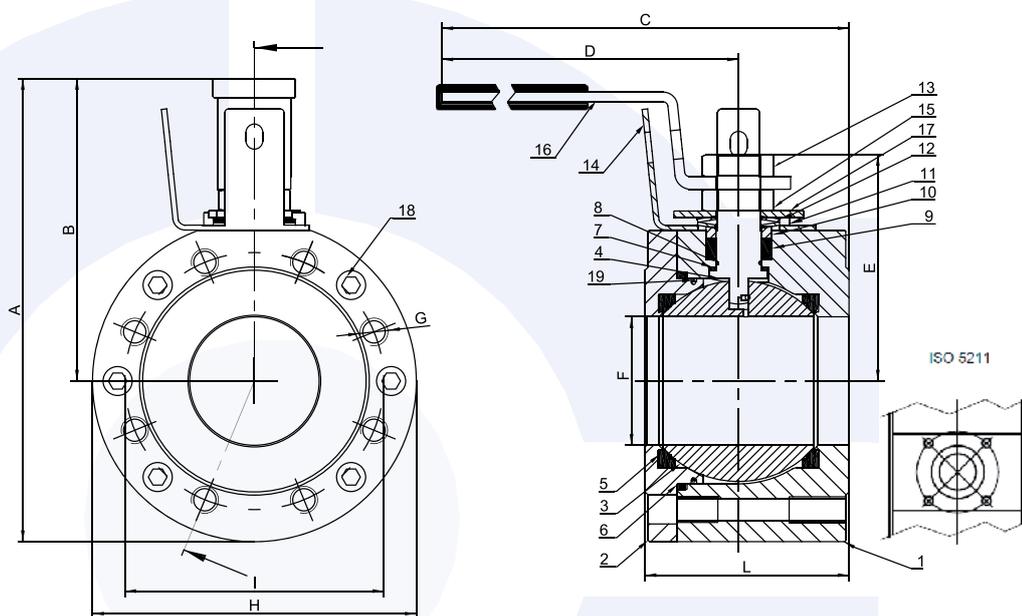
Fire safe: API 607, BS 6755

Flange connection: ANSI B16.5

Test and inspection: API 598, API 6D

Top flange acc.to: ISO 5211

Item	Description Part name	Material
1	Body	AISI 316L
2	Bonnet	AISI 316L
3	Ball	AISI 316L
4	Stem	AISI 316L
5	Seat	PTFE
6	Body seat	PTFE
7	Thrust washer	PTFE
8	O-ring	VITON
9	Stem packing	PTFE
10	Gland washer	AISI 304
11	Stop pin	AISI 304
12	Belleville washers	50CrV4
13	Stem nut	AISI 304
14	Locking device (on request)	AISI 304
15	Stem nut	AISI 304
16	Handle	AISI 304
17	Stop plate	AISI 304
18	Locking screw	AISI 304
19	External body seat	Graphite



SIZE	DIMENSIONS										Weight, kg	
	A	B	C	D	E	F	G	HOLES N°	H	I		L
1/2"	97	52	166,5	140	42	13	1/2"	4	90	66,7	53	2,1
3/4"	110	55	166,5	140	45	19	5/8"	4	110	82,5	42	3,1
1"	127	68	179	150	53	25	5/8"	4	118	88,9	58	3,8
1" 1/4	138	73	182,5	150	58	32	5/8"	4	130	98,45	65	5,2
1" 1/2	168	93	320	275	72	38	3/4"	4	150	114,3	79	8,6
2"	182	102	320	275	81	51	5/8"	8	160	127	90	11,2
2" 1/2	215,5	130,5	403,5	350	102,5	64	3/4"	8	190	149,2	107	18,7
3"	240	137,5	410	350	109,5	76	3/4"	8	205	168,3	120	24
4"	297	172	533,5	450	137	102	3/4"	8	250	200	167	48,2
6"	393,5	227,5	467,5	347,5	187	152	3/4"	12	332	269,9	240	112

### Alternative materials:

Body & Bonnet: AISI 316, AISI 304, ASTM A105, LF2

Ball: AISI 316, AISI 304

Metal parts: AISI 304, AISI 316, AISI316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type High Performance Class 600

Type: **OMV-BAV-WAF-HP-CL 600**

### Ball Valve Wafer Class 600

Bolted bonnet, antistatic and blowout proof stem  
Two-piece body, Floating ball, Fire safe

ASME/API

### Standard compliance

Design and manufacture: API 6D, ASME B16.34

Face to face dimension: acc. to catalogue

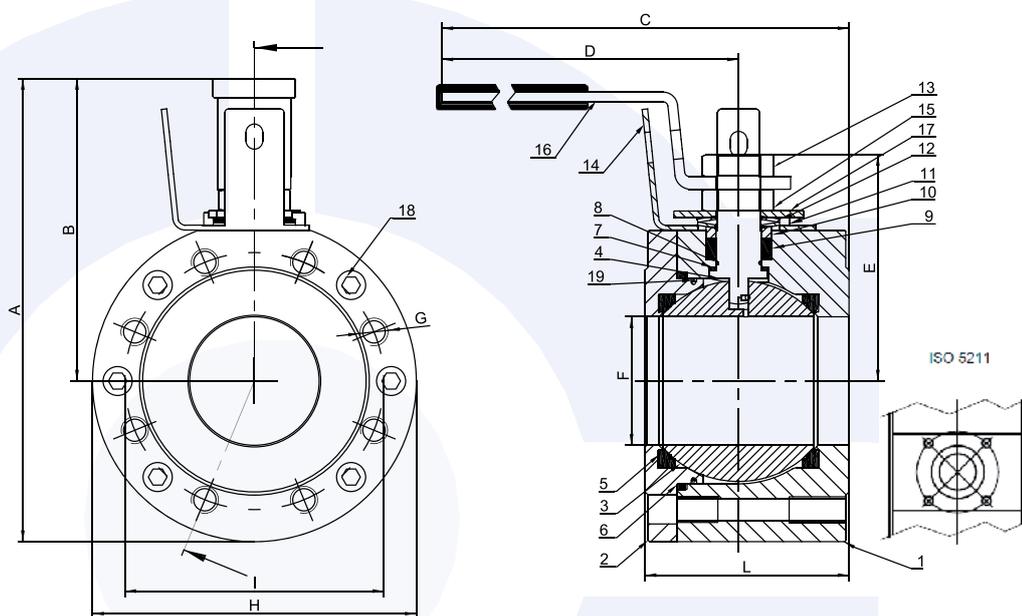
Fire safe: API 607, BS 6755

Flange connection: ANSI B16.5

Test and inspection: API 598, API 6D

Top flange acc.to: ISO 5211

Item	Description Part name	Material
1	Body	AISI 316L
2	Bonnet	AISI 316L
3	Ball	AISI 316L
4	Stem	AISI 316L
5	Seat	PTFE
6	Body seat	PTFE
7	Thrust washer	PTFE
8	O-ring	VITON
9	Stem packing	PTFE
10	Gland washer	AISI 304
11	Stop pin	AISI 304
12	Belleville washers	50CrV4
13	Stem nut	AISI 304
14	Locking device (on request)	AISI 304
15	Stem nut	AISI 304
16	Handle	AISI 304
17	Stop plate	AISI 304
18	Locking screw	AISI 304
19	External body seat	Graphite



### DIMENSIONS

SIZE	A	B	C	D	E	F	G	HOLES N°	H	I	L	Weight, kg
1/2"	102	54,5	184	150	45	13	1/2"	4	95	66,7	68	4,1
3/4"	115	57,5	186	150	48	19	5/8"	4	115	82,6	72	4,4
1"	134	71,5	318,5	275	56,9	25	5/8"	4	125	88,9	87	6,3
1" 1/4	144	76,5	321	275	61,9	32	5/8"	4	135	98,4	92	7,6
1" 1/2	183,5	98,5	403,5	350	78,1	38	3/4"	4	155	114,3	107	11,2
2"	192,5	107,5	407,5	350	87,1	51	5/8"	8	170	127	115	15,5
2" 1/2	248	144	520	450	118,9	64	3/4"	8	208	149,2	140	28,3
3"	261,5	151,5	525	450	126,4	76	3/4"	8	220	168,3	150	33,8
4"	336	196,5	885	800	156	102	7/8"	8	279	215,9	190	68,2

### Alternative materials:

Body & Bonnet: AISI 316, AISI 304, ASTM A105, LF2

Ball: AISI 316, AISI 304

Metal parts: AISI 304, AISI 316, AISI316I

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Monoblock Class 150

Type: **OMV-BAV-MB-CL 150**

### Ball Valve Monoblock Class 150

Threaded bonnet, antistatic and blowout proof stem  
Fire safe

ASME/API

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

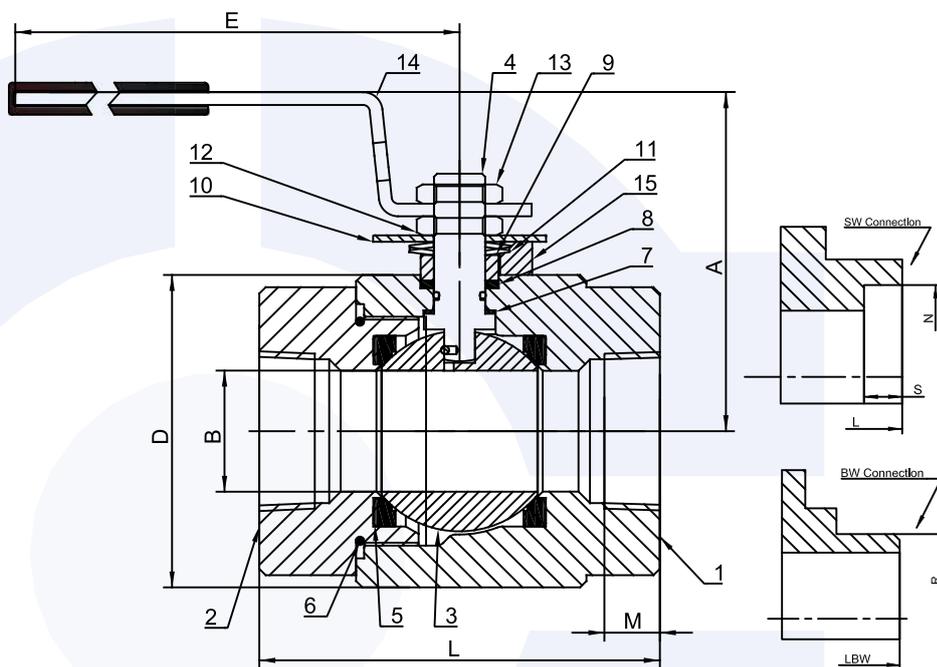
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 59 8, API 6D

Item	Description Part name	Material
1	Body	AISI316L
2	Bonnet	AISI316L
3	Ball	AISI316L
4	Stem	AISI316L
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE NPS	A	B	D	E	L	LBW	M	N	S	R	Weight kg
1/4"	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
3/8"	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
1/2"	75	15	50	148	75	105	15	22	9,53	21,3	0,93
3/4"	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
1"	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
1" 1/4	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
1" 1/2	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
2"	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
2" 1/2	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
3"	145	73	150	380	205	280	33,3	90	15,88	88,9	17
4"	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316, A105

Ball: A351 CF8M, AISI304, AISI316, A105

Metal parts: AISI 304, AISI 316, AISI 316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

# BALL VALVE

## Monoblock Class 300

Type: **OMV-BAV-MB-CL 300**

### Ball Valve Monoblock Class 300

Threaded bonnet, antistatic and blowout proof stem

Fire safe

ASME/API

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

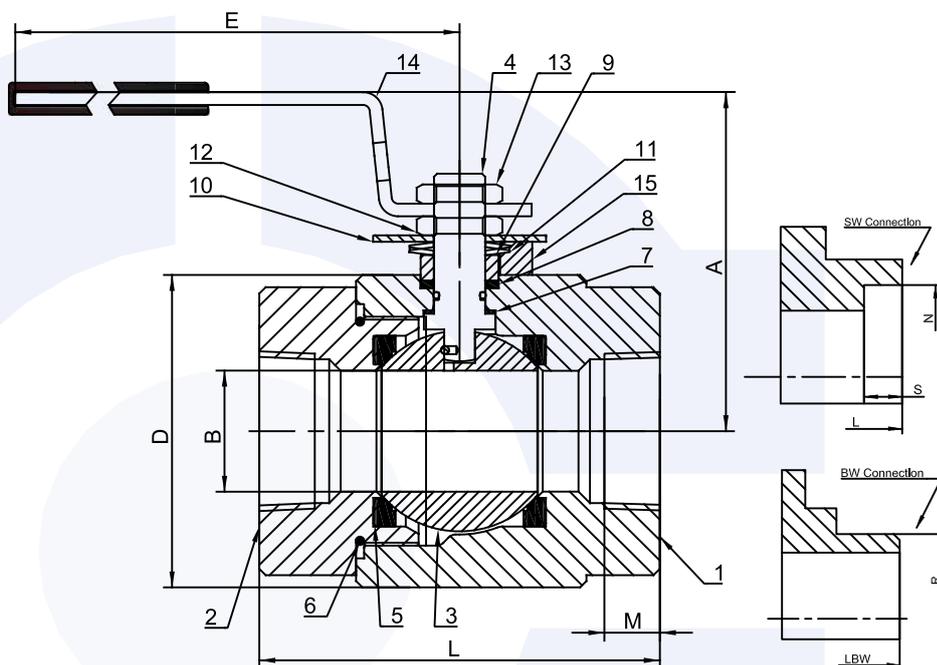
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	AISI316L
2	Bonnet	AISI316L
3	Ball	AISI316L
4	Stem	AISI316L
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



DIMENSIONS												
SIZE NPS	A	B	D	E	L	LBW	M	N	S	R	Weight kg	
1/4"	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61	
3/8"	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615	
1/2"	75	15	50	148	75	105	15	22	9,53	21,3	0,93	
3/4"	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55	
1"	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265	
1" 1/4	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3	
1" 1/2	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85	
2"	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49	
2" 1/2	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13	
3"	145	73	150	380	205	280	33,3	90	15,88	88,9	17	
4"	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24	

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316, A105

Ball: A351 CF8M, AISI304, AISI316, A105

Metal parts: AISI 304, AISI 316, AISI 316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

**Other material on request**

# BALL VALVE

## Monoblock Class 600

Type: **OMV-BAV-MB-CL 600**

### Ball Valve Monoblock Class 600

Threaded bonnet, antistatic and blowout proof stem

Fire safe

ASME/API

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

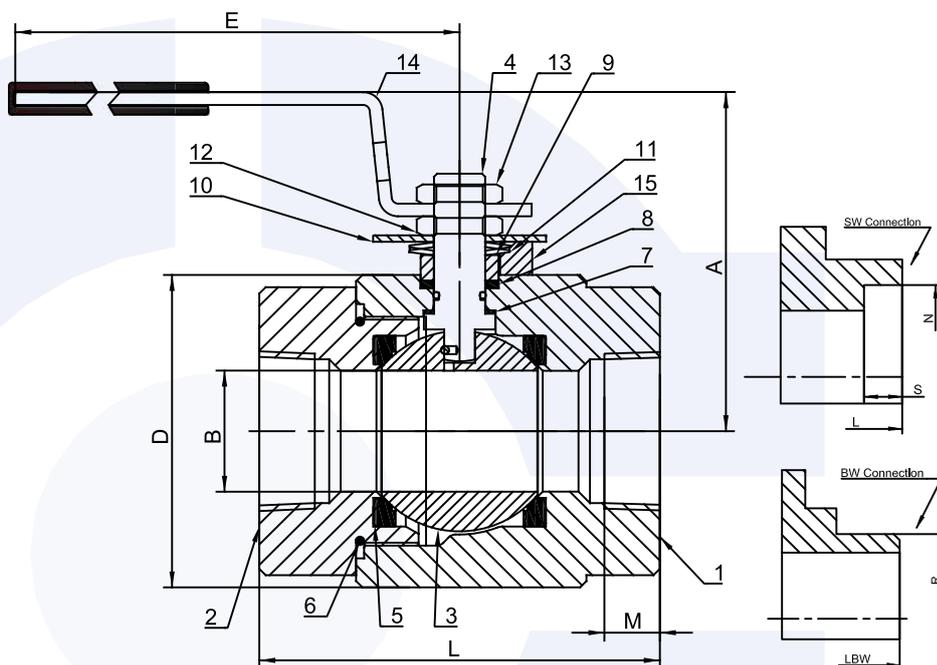
Threaded end: ANSI B1.1, B 1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	AISI316L
2	Bonnet	AISI316L
3	Ball	AISI316L
4	Stem	AISI316L
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE NPS	A	B	D	E	L	LBW	M	N	S	R	Weight kg
1/4"	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
3/8"	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
1/2"	75	15	50	148	75	105	15	22	9,53	21,3	0,93
3/4"	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
1"	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
1" 1/4	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
1" 1/2	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
2"	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
2" 1/2	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
3"	145	73	150	380	205	280	33,3	90	15,88	88,9	17
4"	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316, A105

Ball: A351 CF8M, AISI304, AISI316, A105

Metal parts: AISI 304, AISI 316, AISI 316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

# BALL VALVE

## Monoblock Class 900

Type: **OMV-BAV-MB-CL 900**

### Ball Valve Monoblock Class 900

Threaded bonnet, antistatic and blowout proof stem  
Fire safe

ASME/API

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

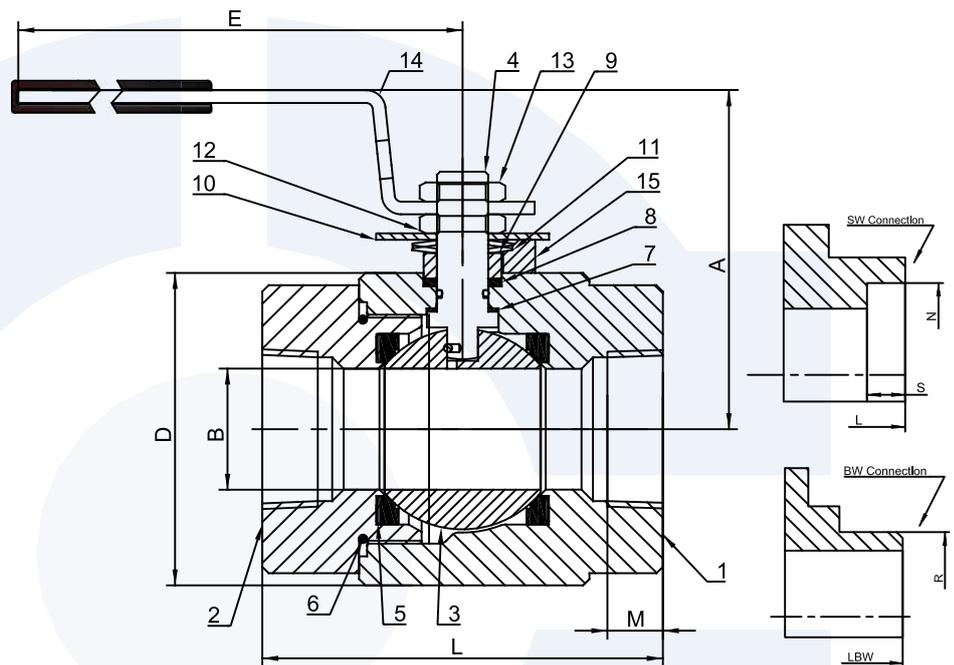
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	AISI316L
2	Bonnet	AISI316L
3	Ball	AISI316L
4	Stem	AISI316L
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS,

SIZE NPS	A	B	D	E	L	LBW	M	N	S	R	Weight kg
1/4"	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
3/8"	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
1/2"	75	15	50	148	75	105	15	22	9,53	21,3	0,93
3/4"	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
1"	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
1" 1/4	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
1" 1/2	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
2"	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
2" 1/2	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
3"	145	73	150	380	205	280	33,3	90	15,88	88,9	17
4"	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: AISI 304, AISI 316, A105

Ball: A351 CF8M, AISI304, AISI316, A105

Metal parts: AISI 304, AISI 316, AISI 316l

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Other material on request



# BUTTERFLY VALVES



# BUTTERFLY VALVE

## HP Class 150

Type: **OMV-BUV-LVL-HP-CL 150**

### Butterfly Valve HP Class 150

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

ASME/API

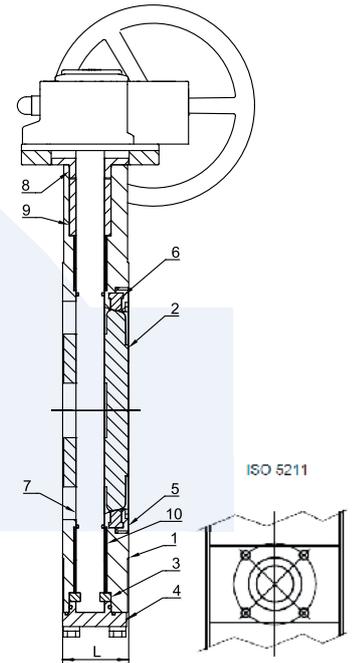
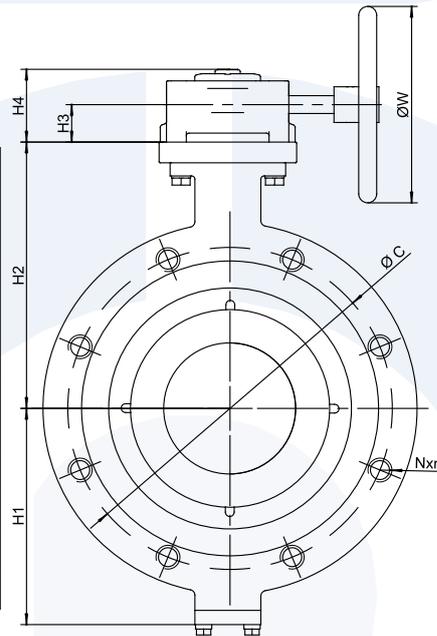
### Standard compliance

Design and manufacture: API 609, ASME B16.34

Flange connection: ASME B16.5

Test and inspection: API 598

Item	Description Part name	Material
1	Body	Carbon steel / Stainless steel / DUPLEX
2	Disc	AISI 304 / AISI 316
3	Lock ring	Stainless steel / Brass
4	Cover	Carbon steel / Stainless steel / DUPLEX
5	Body disc	AISI 304 / AISI 316
6	Seat	NBR / FKM / FVMQ / PTFE
7	Stem	Carbon steel / Stainless steel / DUPLEX
8	Gland ring	Carbon steel / Stainless steel / DUPLEX
9	Packing	Brass / PTFE
10	Sleeve bearing	Stainless steel / RPTFE / Iglidur



### Operation options:

- lever operated: 3" – 6"
- gear operated: 8" – 24"
- actuator operated: acc. to request

NPS	ΦC	H1	H2	H3	H4	N	n	L	ΦW
3"	152,4	113	150	35	75	5/8-11	4	46	250
4"	190,5	130	161	35	75	5/8-11	8	52	250
5"	215,9	165	200	35	75	3/4-10	8	56	250
6"	241,3	175	212	35	75	3/4-10	8	56	250
8"	298,4	208	244	43	92	3/4-10	8	60	250
10"	361,9	243	280	43	92	7/8-9	12	68	250
12"	431,8	268	305	43	92	7/8-9	12	78	250
14"	476,2	293	330	43	92	1"	12	79	250
16"	539,7	340	387	48	102	1"	16	102	500
20"	635	381	452	55	126	1 1/8-8	20	127	600
22"	692,2	450	455	55	126	1 1/4-7	20	154	600
24"	749,3	475	485	55	126	1 1/4-7	20	154	600

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design

# BUTTERFLY VALVE

## Triple Eccentric HP Class 150

Type: **OMV-BUV-LVL-TE-HP-CL 150**

ASME/API

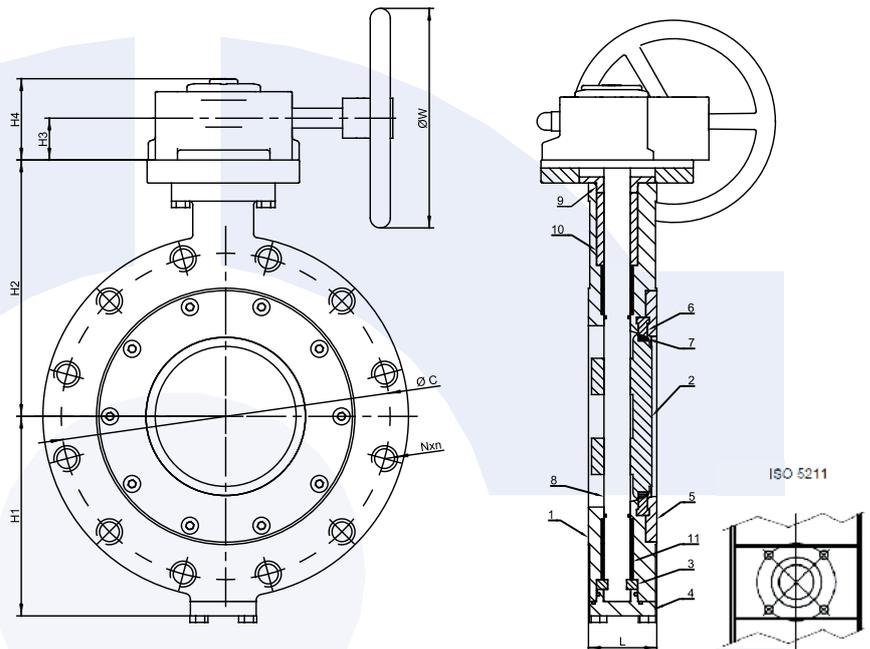
### Butterfly Valve Triple Eccentric HP Class 150

Butterfly valve with triple offset, zero leakage even at higher temperatures.  
Multiple sealing options.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: API 609, ASME B16.34  
Flange connection: ASME B16.5  
Test and inspection: API 598

Item	Description Part name	Material
1	Body	Carbon steel / Stainless steel / DUPLEX
2	Disc	AISI 304 / AISI 316
3	Lock ring	Stainless steel / Brass
4	Cover	Carbon steel / Stainless steel / DUPLEX
5	Body disc	AISI 304 / AISI 316
6	Seat	ASTM A182 F304/316
7	Laminated Seal	SS316 + SS316/Graphite
8	Stem	Carbon steel / Stainless steel / DUPLEX
9	Gland ring	Carbon steel / Stainless steel / DUPLEX
10	Packing	Brass / PTFE
11	Sleeve bearing	Stainless steel / RPTFE / Iglidur



### Operation options:

- lever operated: 2" – 6"
- gear operated: 8" – 24"
- actuator operated: acc. to request

NPS	ΦC	H1	H2	H3	H4	N	n	L	ΦW
2"	120,6	100	125	35	75	5/8-11	4	43	250
3"	152,4	113	150	35	75	5/8-11	4	46	250
4"	190,5	130	161	35	75	5/8-11	8	52	250
5"	215,9	165	200	35	75	3/4-10	8	56	250
6"	241,3	175	212	35	75	3/4-10	8	56	250
8"	298,4	208	244	43	92	3/4-10	8	60	250
10"	361,9	243	280	43	92	7/8-9	12	68	250
12"	431,8	268	305	43	92	7/8-9	12	78	250
14"	476,2	293	330	43	92	1"	12	79	250
16"	539,7	340	387	48	102	1"	16	102	500
20"	635	381	452	55	126	1 1/8-8	20	127	600
22"	692,2	450	455	55	126	1 1/4-7	20	154	600
24"	749,3	475	485	55	126	1 1/4-7	20	154	600

### Other material on request.

Rubber lined for seawater application.  
Also available in welded steel design.

# BUTTERFLY VALVE

## Triple Eccentric HP Class 300

Type: **OMV-BUV-LVL-TE-HP-CL 300**

ASME/API

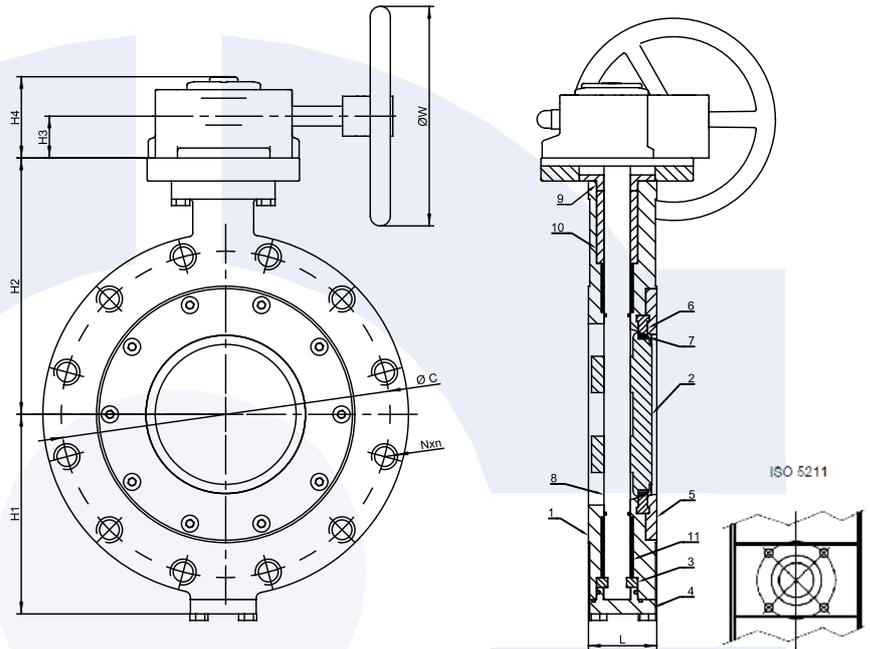
### Butterfly Valve Triple Eccentric HP Class 300

Butterfly valve with triple offset, zero leakage even at higher temperatures.  
 Multiple sealing options.  
 Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
 Wide range of applications, minimum flow resistance.  
 Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: API 609, ASME B16.34  
 Flange connection: ASME B16.5  
 Test and inspection: API 598

Item	Description Part name	Material
1	Body	Carbon steel / Stainless steel / DUPLEX
2	Disc	AISI 304 / AISI 316
3	Lock ring	Stainless steel / Brass
4	Cover	Carbon steel / Stainless steel / DUPLEX
5	Body disc	AISI 304 / AISI 316
6	Seat	ASTM A182 F304/316
7	Laminated Seal	SS316 + SS316/Graphite
8	Stem	Carbon steel / Stainless steel / DUPLEX
9	Gland ring	Carbon steel / Stainless steel / DUPLEX
10	Packing	Brass / PTFE
11	Sleeve bearing	Stainless steel / RPTFE / Iglidur



### Operation options:

- lever operated: 2" - 6"
- gear operated: 8" - 24"
- actuator operated: acc. to request

NPS	ΦC	H1	H2	H3	H4	N	n	L	ΦW
2"	127	105	135	35	75	5/8-11	8	43	250
3"	168,3	135	175	35	75	3/4-10	8	46	250
4"	200	155	188	35	75	3/4-10	8	52	250
5"	235	160	190	35	75	3/4-10	8	56	250
6"	269,9	210	230	35	75	3/4-10	12	56	250
8"	330,2	260	280	43	92	7/8-9	12	73	250
10"	387,4	290	320	43	92	1"	16	83	250
12"	450,8	335	345	43	92	1 1/8-8	16	92	250
14"	514,4	365	380	43	92	1 1/8-8	20	117	250
16"	571,5	400	405	48	102	1 1/4-7	20	133	500
20"	685,8	470	480	55	126	1 1/4-7	24	159	600
22"	743	530	510	55	126	1 1/2-6	24	181	600
24"	812,8	545	555	55	126	1 1/2-6	24	181	600

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

# BUTTERFLY VALVE

## Lug Class 150

Type: **OMV-BUV-LVL-CL 150**

ASME/API

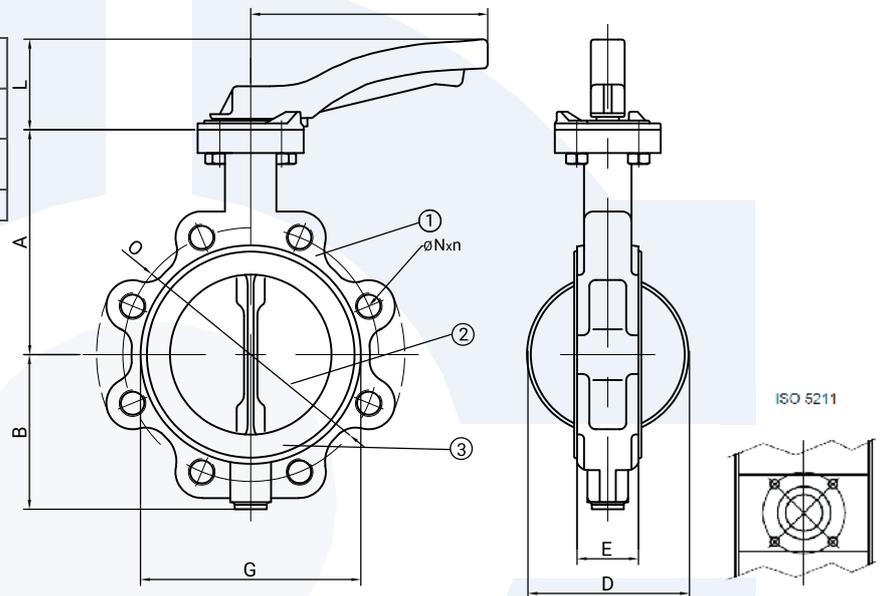
### Lug Butterfly Valve Class 150

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516, ASME B16.34  
Flange connection: EN 1092-2, on request, ASME16.5  
Test and inspection: EN 12266, EN 1074, API 598

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M / Alu-bronze
3	Liner	NBR (Buna) / EPDM / Viton



NPS	A	B	I	D	E	L	N	n	O	kg
2"	138	81	220	55	43	67	5/8-11	4	120,6	4,3
2 1/2"	144	98	220	68	46	67	5/8-11	8	139,7	5,9
3"	158	110	220	81	46	67	5/8-11	8	152,4	6,7
4"	173	128	220	101	52	67	5/8-11	8	190,5	8,7
5"	186	140	275	126	56	67	3/4-10	8	215,9	10,4
6"	202	155	275	150	56	67	3/4-10	8	241,3	12,2
8"	240	190	340	200	60	76	3/4-10	8	298,4	28
10"	270	220	340	250	68	76	7/8-9	12	361,9	35
12"	300	247	340	298	78	76	7/8-9	12	431,8	50
14"	330	280	/	332	78	/	1	12	476,2	62
16"	355	305	/	376	102	/	1	16	539,7	90
18"	400	343	/	430	114	/	1 1/8-8	16	577,8	170
20"	422	366	/	479	127	/	1 1/8-8	20	635	180
24"	495	460	/	575	154	/	1 1/4-8	20	749,3	290

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: Handwheel; Gearbox; Electrical actuator; hydraulic or pneumatic actuator (single or double acting).



# CHECK VALVES



# CHECK VALVE

## Dual-plate Class 150

Type: **OMV-CHV-DP-CL 150**

ASME/API

### Cast Steel Dual-plate Check Valve Class 150

One-piece body, Butterfly swing type, Dual-plate disc, Long pattern

Renewable split disc

Horizontal or vertical service

Wafer end, Available with flanged ends

### Standard compliance

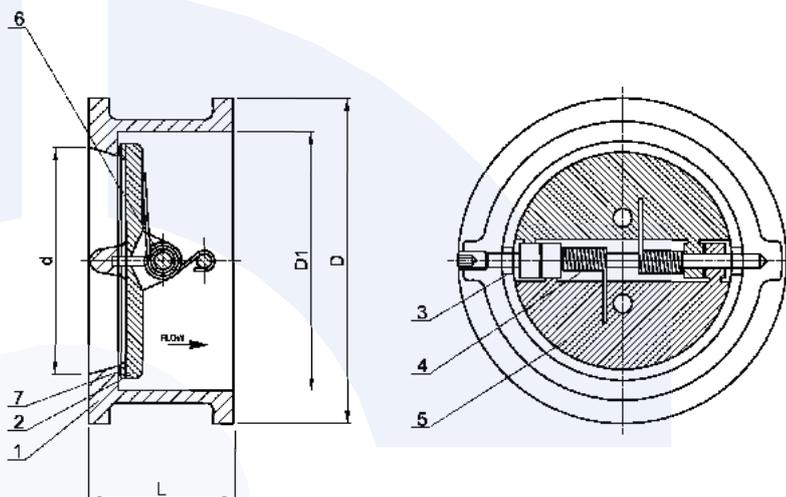
Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313

Face to face dimension: API 594

Flange connection acc. to ASME B16.5

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Disc	A216 Gr. WCB + Cr13
3	Stop pin	A276 Gr. 420
4	Spring	A313 Gr. 304
5	Hinge pin	A276 Gr. 420
6	Eyebolt	Carbon Steel
7	Gasket	Rubber



		DIMENSIONS												
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	mm	60	67	73	73	98	127	146	181	184	191	203	219	222
D	mm	103	122	135	173	220	277	337	407	448	512	547	604	715
d	mm	51	65	80	102	152	203	254	305	350	400	450	500	600
D1	mm	58	73	88	108	160	210	266	310	356	405	455	505	605
Weight	kg	2	3	4	6	13	25	39	54	80	117	138	163	331

### Alternative materials:

Body: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Spring: SS, Inconel

Gasket: EPDM, NBR, Neoprene, Fluororubber

### Other material on request

# CHECK VALVE

## Dual-plate Class 300

Type: **OMV-CHV-DP-CL 300**

ASME/API

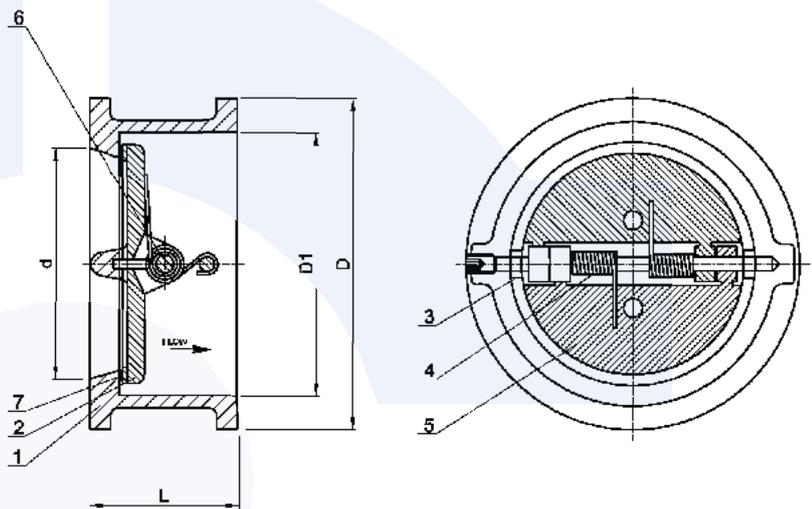
### Cast Steel Dual-plate Check valve Class 300

One-piece body, Butterfly swing type, Dual-plate disc, Long pattern  
 Renewable split disc  
 Horizontal or vertical service  
 Wafer end, Available with flanged ends

### Standard compliance

Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313  
 Face to face dimension: API 594  
 Flange connection acc. to ASME B16.5  
 Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Disc	A216 Gr. WCB + Cr13
3	Stop pin	A276 Gr. 420
4	Spring	A313 Gr. 304
5	Hinge pin	A276 Gr. 420
6	Eyebolt	Carbon Steel
7	Gasket	Rubber



		DIMENSIONS												
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	mm	60	67	73	73	98	127	146	181	222	232	264	292	318
D	mm	110	128	147	179	249	305	359	420	483	537	594	652	772
d	mm	51	65	80	102	152	203	254	305	350	400	450	500	600
D1	mm	58	73	88	108	160	210	266	310	356	405	455	505	608
Weight	kg	3	4	6	8	18	31	51	77	117	190	200	265	410

### Alternative materials:

Body: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M  
 Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M  
 Spring: SS, Inconel  
 Gasket: EPDM, NBR, Neoprene, Fluororubber

### Other material on request



# CHECK VALVE

## Dual-plate Class 600

Type: **OMV-CHV-DP-CL 600**

ASME/API

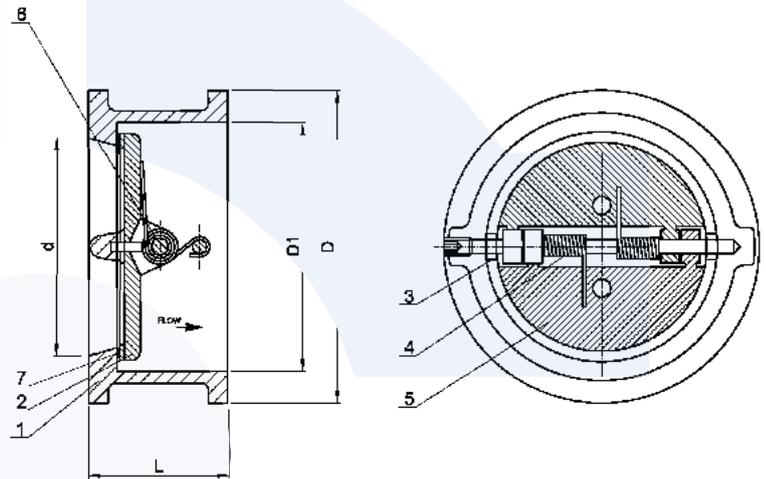
### Cast Steel Dual-plate Check Valve Class 600

One-piece body, Butterfly swing type, Dual-plate disc, Long pattern  
Renewable split disc  
Horizontal or vertical service  
Wafer end, Available with flanged ends

### Standard compliance

Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313  
Face to face dimension: API 594  
Flange connection acc. to ASME B16.5  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Disc	A216 Gr. WCB + Cr13
3	Stop pin	A276 Gr. 420
4	Spring	A313 Gr. 304
5	Hinge pin	A276 Gr. 420
6	Eyebolt	Carbon Steel
7	Gasket	Rubber



		DIMENSIONS									
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L	mm	60	67	73	79	137	165	213	229	273	305
D	mm	111	128	147	191	264	318	398	455	490	562
d	mm	51	65	80	102	152	200	250	305	337	387
D1	mm	58	73	88	108	162	212	266	312	355	400
Weight	kg	4	5	8	11	26	55	95	140	223	360

### Alternative materials:

Body: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M  
Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M  
Spring: SS, Inconel  
Gasket: EPDM, NBR, Neoprene, Fluororubber

Other material on request

# CHECK VALVE

## Dual-plate Class 900

Type: **OMV-CHV-DP-CL 900**

ASME/API

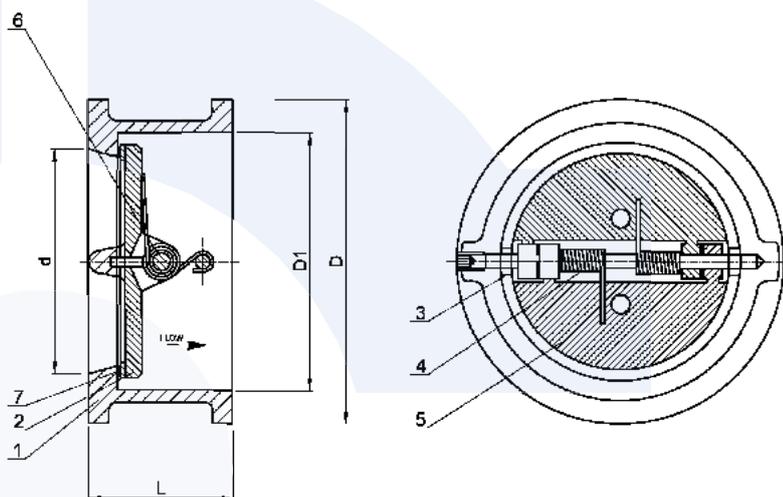
### Cast Steel Dual-plate Check Valve Class 900

One-piece body, Butterfly swing type, Dual-plate disc, Long pattern  
Renewable split disc  
Horizontal or vertical service  
Wafer end, Available with flanged ends

### Standard compliance

Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313  
Face to face dimension: API 594  
Flange connection acc. to ASME B16.5  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Disc	A216 Gr. WCB + Cr13
3	Stop pin	A276 Gr. 420
4	Spring	A313 Gr. 304
5	Hinge pin	A276 Gr. 420
6	Eyebolt	Carbon Steel
7	Gasket	Rubber



### DIMENSIONS

Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"
L	mm	70	83	83	102	159	206	241	292
D	mm	140	162	165	204	286	356	432	495
d	mm	51	65	80	102	152	200	250	305
D1	mm	58	73	88	108	162	212	266	312
Weight	kg	8	11	14	20	42	84	145	220

### Alternative materials:

Body: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M  
Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M  
Spring: SS, Inconel  
Gasket: EPDM, NBR, Neoprene, Fluororubber

### Other material on request

# CHECK VALVE

## Swing Disc Class 150

Type: **OMV-CHV-SD-CL 150**

ASME/API

### Cast Steel Swing Check Valve Class 150

Bolted cover, Swing type disc  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 6D, BS1868

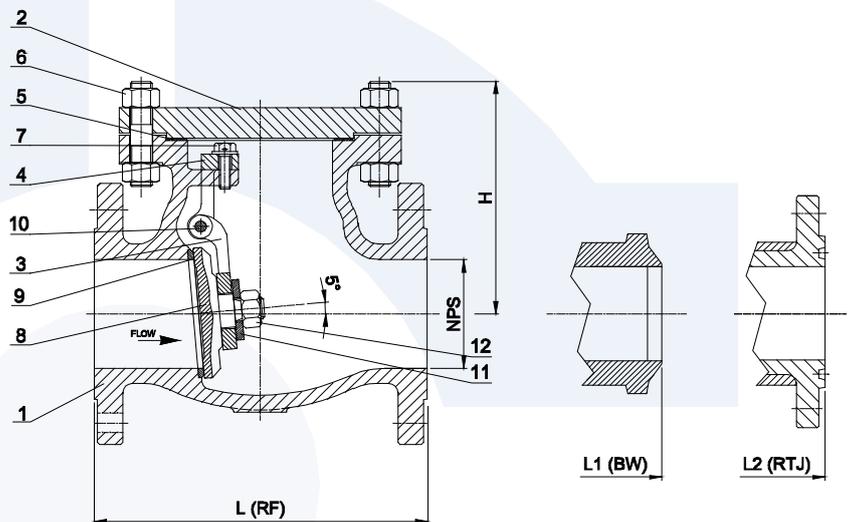
Face to face dimension: ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5, 22" acc. to MSS-SP-44, ASME B16.47 Series A 26", or on request

But welded end: ASME B16.25

Test and inspection: API 598, API 6D

Item.	Description Part name	Material
1	Body	A216 Gr. WCB
2	Cover	A216 Gr. WCB
3	Hinge	A216 Gr. WCB
4	Hinge Yoke	A216 Gr. WCB
5	Gasket	Spiral wound / Soft Iron
6	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
7	Bolt	A193 Gr. B7
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge Pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



		DIMENSIONS																	
Size		inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	36"
L-RF	mm	203	216	241	292	356	495	622	699	787	864	978	978	1295	1295	1448	1524	1956	
	L1-BW	mm	203	216	241	292	356	495	622	699	787	864	978	978	1295	1295	1448	1524	1956
L2-RTJ	mm	216	229	254	305	368	508	635	711	800	876	991	991	1308	-	-	-	-	
	H	mm	152	165	175	204	292	353	390	432	475	525	582	627	883	910	940	980	1220
Weight kg	RF	14	20	25	40	71	118	177	263	353	542	632	855	970	1275	1600	1990	2760	
	BW	10	12	17	29	57	96	143	227	295	468	552	755	831	1120	1420	1760	2230	
	RTJ	14	20	25	40	71	118	177	263	353	542	632	855	970	-	-	-	-	

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spral wound, Soft iron, Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

# CHECK VALVE

## Swing Disc Class 300

Type: **OMV-CHV-SD-CL 300**

ASME/API

### Cast Steel Swing Check Valve Class 300

Bolted cover, Swing type disc  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 6D, BS1868

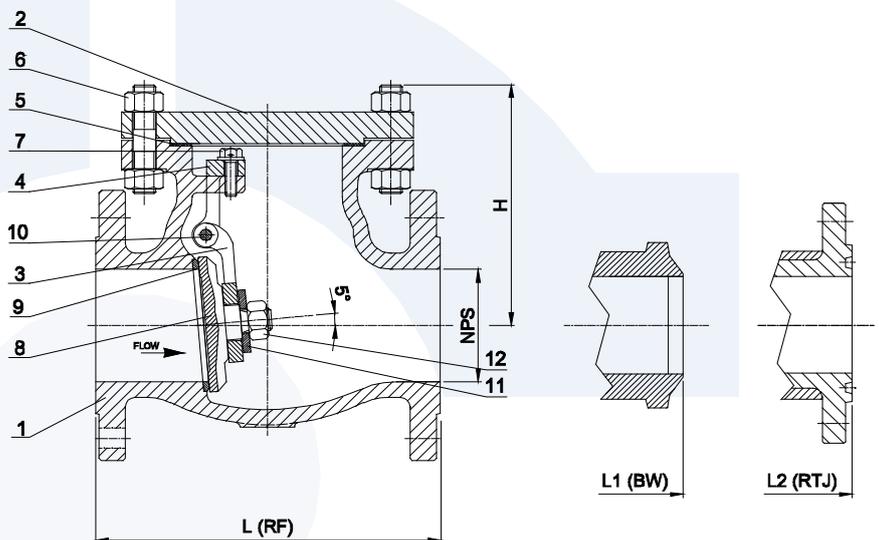
Face to face dimension: ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5, 22" acc. to MSS-SP-44, ASME B16.47 Series A 26", or on request

But welded end: ASME B16.25

Test and inspection: API 598, API 6D

Item.	Description Part name	Material
1	Body	A216 Gr. WCB
2	Cover	A216 Gr. WCB
3	Hinge	A216 Gr. WCB
4	Hinge Yoke	A216 Gr. WCB
5	Gasket	Spiral wound / Soft Iron
6	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
7	Bolt	A193 Gr. B7
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge Pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



		DIMENSIONS																
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	36"
L-RF	mm	267	292	318	356	445	533	622	711	838	864	978	1016	1346	1346	1490	1594	2083
L1-BW	mm	267	292	318	356	445	533	622	711	838	864	978	1016	1346	1346	1490	1594	2083
L2-RTJ	mm	283	308	333	371	460	549	638	727	854	879	994	1035	1368	1372	1524	1619	2111
H	mm	152	165	175	204	292	353	390	432	475	525	582	627	883	910	940	980	1220
Weight kg	RF	16	23	29	46	82	136	204	302	405	625	730	985	1115	1465	1840	2290	3180
	BW	11	12	18	31	61	103	155	245	315	503	593	830	895	1205	1525	1895	2395
	RTJ	16	23	29	46	82	136	204	302	405	625	730	985	1115	1465	1840	2290	3850

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spral wound, Soft iron, Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

# CHECK VALVE

## Swing Disc Class 600

Type: **OMV-CHV-SD-CL 600**

ASME/API

### Cast Steel Swing Check Valve Class 600

Bolted cover, Swing type disc  
Threaded or welded seat ring

### Standard compliance

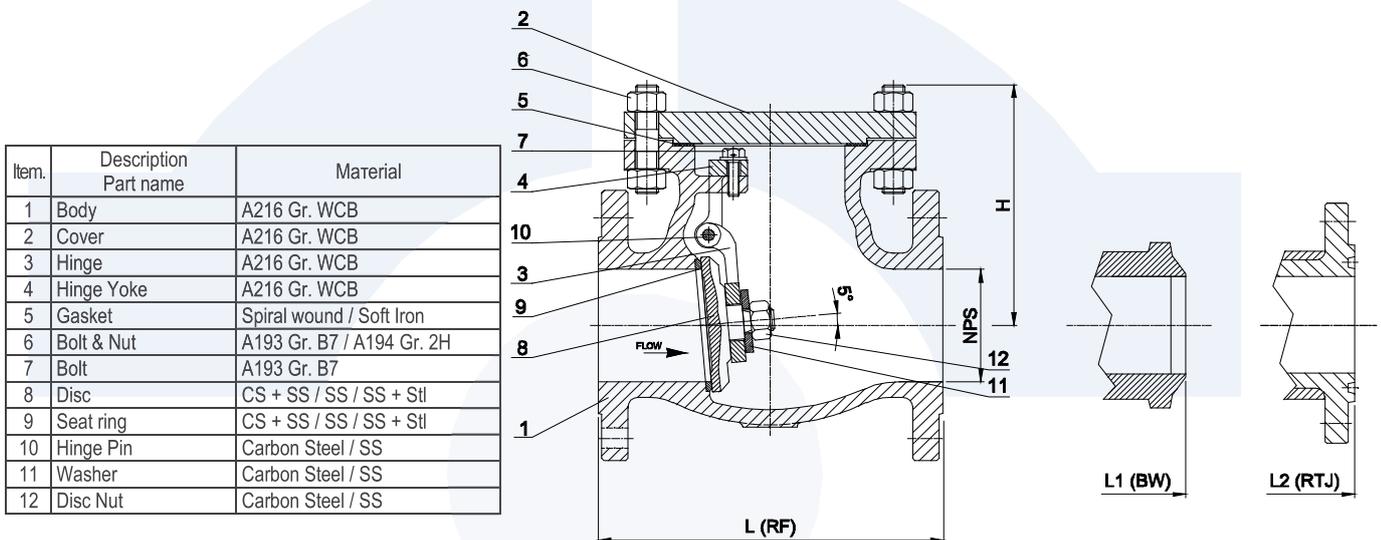
Design and manufacture: ASME B16.34, API 6D, BS1868

Face to face dimension: ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44, ASME B16.47 Series A 26", or on request

But welded end: ASME B16.25

Test and inspection: API 598, API 6D



		DIMENSIONS												
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L-RF	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397
L1-BW	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397
L2-RTJ	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1407
H	mm	190	215	250	260	350	420	490	525	580	630	690	810	900
Weight kg	RF	33	49	62	95	195	360	465	725	875	1075	1475	1900	3150
	BW	20	25	34	58	115	194	290	461	597	850	1020	1230	2860
	RTJ	33	49	62	95	195	360	465	725	875	1075	1475	1900	3350

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spral wound, Soft iron, Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

# CHECK VALVE

## Swing Disc Class 900

Type: **OMV-CHV-SD-CL 900**

ASME/API

### Cast Steel Swing Check Valve Class 900

Bolted cover, Swing type disc  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 6D, BS1868

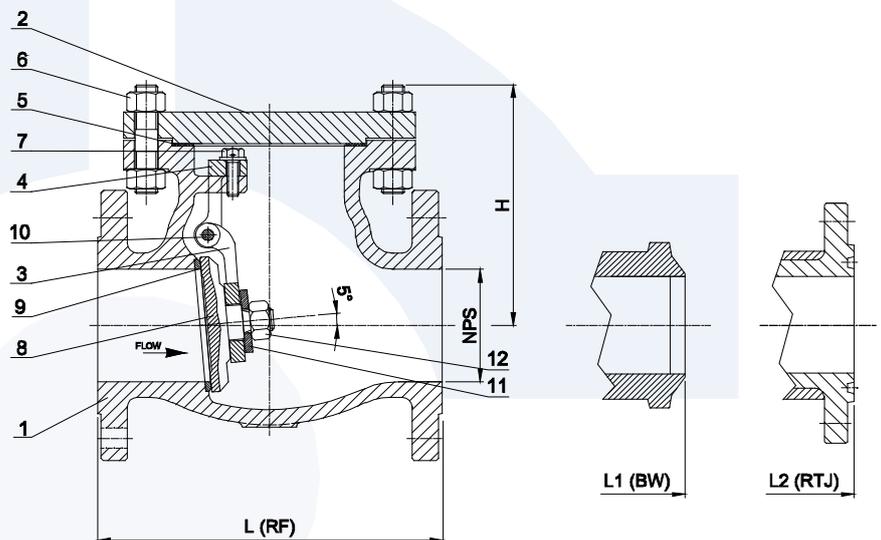
Face to face dimension: ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44, ASME B16.47 Series A 26", or on request

But welded end: ASME B16.25

Test and inspection: API 598, API 6D

Item.	Description Part name	Material
1	Body	A216 Gr. WCB
2	Cover	A216 Gr. WCB
3	Hinge	A216 Gr. WCB
4	Hinge Yoke	A216 Gr. WCB
5	Gasket	Spiral wound / Soft Iron
6	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
7	Bolt	A193 Gr. B7
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge Pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



		DIMENSIONS											
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
L-RF	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321
L1-BW	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321
L2-RTJ	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1334
H	mm	240	256	278	320	460	560	610	675	745	815	850	985
	RF	37	54	68	109	195	321	481	711	956	1468	1870	2316
Weight kg	BW	21	25	34	58	115	194	290	461	597	950	1210	1533
	RTJ	37	54	68	119	195	321	481	711	956	1468	1870	2316

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spral wound, Soft iron, Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request



# CHECK VALVE

## Forged Steel Swing Disc Class 800

Type: **OMV-CHV-F-SD-CL 800**

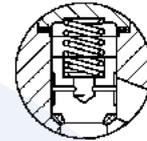
### Forged Swing Check Valve Class 800

Bolted bonnet  
Seat ring integrated into the body  
Horizontal or vertical instalation

ASME/API

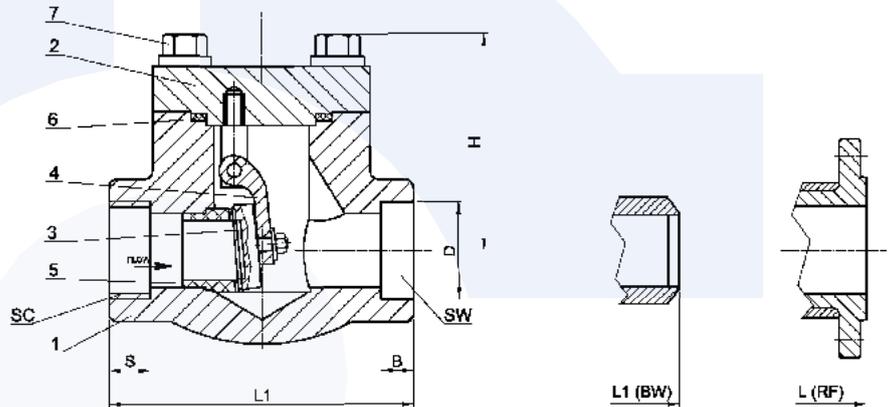
### Standard compliance

Design and manufacture: ASME B16.34, API 602  
Face to face dimension: manufacturer's standard  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Coupling weld end: ASME B16.11  
Threaded end: ASME B1.20.1  
Test and inspection: API 598



Lift Check with Spring Valve

Item	Description Part name	Material
1	Body	A105
2	Bonnet	A105
3	Disc	A182 Gr. F6a
4	Lever	A276 Gr. 410
5	Seat	A276 Gr. 410
6	Gasket	Graphite + 304
7	Bolt	A193 Gr. B7



		DIMENSIONS							L-RF			
Size	L	D	B	NPT	S	H	Weight	150 LB	300 LB	600 LB	Weight	
inch	mm	mm	mm		mm	mm		mm	mm	mm		
3/8"	79	17,6	9,6	3/8"	13,6	61	2,8	102	152	165	3,8	
1/2"	79	21,8	9,6	1/2"	16,3	61	3,4	108	152	165	5,6	
3/4"	92	27,1	12,7	3/4"	16,9	61	4,7	117	178	190	7,8	
1"	111	33,8	12,7	1"	17,3	78	9,2	127	203	216	12,5	
1 1/4"	120	42,6	12,7	1 1/4"	18,4	84	10,5	140	216	229	17	
1 1/2"	120	48,7	12,7	1 1/2"	18,4	98	13,3	165	229	241	23,5	
2"	140	61,1	15,9	2"	19,2	120	18,9	203	267	292	28	

### Alternative materials:

Body & Bonnet: A182 F316, A182 F11  
Disc: A182 F316, A182 F6a+HF  
Seat: A182 F316, A276 410+HF  
Gasket: Spiral wound, Soft iron, Graphite  
Bolts & Nuts: A193 B7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 7, A194 8, A194 8M

Other material on request

# CHECK VALVE

## Pressure Seal Swing Disc Class 1500

Type: **OMV-CHV-PS-SD-CL1500**

### Pressure Sealing Swing Check Valve Class 1500

Bolted cover, Swing type disc  
Threaded or welded seat ring

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 6D, BS1868

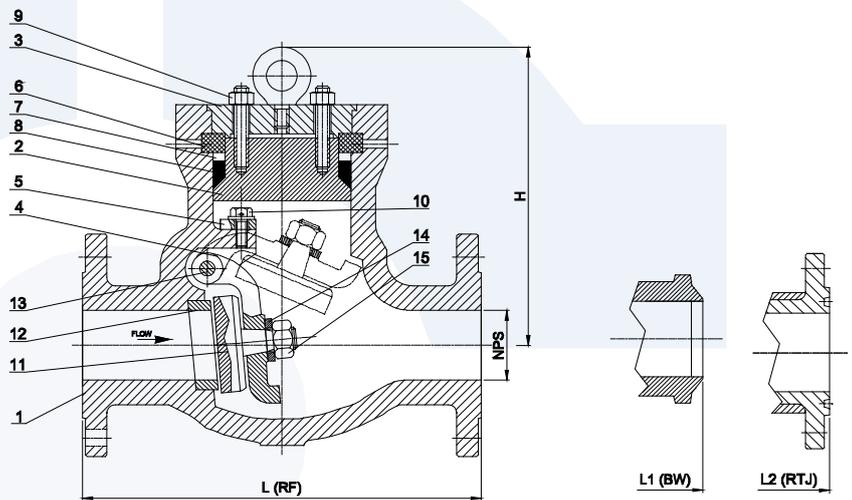
Face to face dimension: ASME B16.10, API 6D

Flange connection: ASME B16.5

But welded end: ASME B16.25

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Cover	A216 Gr. WCB
4	Hinge	A216 Gr. WCB
5	Hinge Yoke	A216 Gr. WCB
6	Back up ring	A182 F6a
7	Thrust ring	A182 F6a
8	Gasket	Soft Iron
9	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
10	Bolt	A193 Gr. B7
11	Disc	CS + SS / SS / SS + Stl
12	Seat Ring	CS + SS / SS / SS + Stl
13	Hinge Pin	Carbon Steel / SS
14	Washer	Carbon Steel / SS
15	Disc Nut	A194 Gr. 2H



		DIMENSIONS										
Size		inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"
Weight kg	L-RF	mm	368	419	470	546	705	832	991	1130	1257	1384
	L1-BW	mm	368	419	470	546	705	832	991	1130	1257	1384
	L2-RTJ	mm	371	422	473	549	711	841	1000	1146	1276	1407
	H	mm	240	256	330	375	480	595	660	740	785	835
	RF	mm	40	63	70	115	250	470	740	1100	1400	1600
	BW	mm	29	47	49	84	152	310	470	710	910	1100
	RTJ	mm	40	63	70	115	250	470	740	1100	1400	1600

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spral wound, Soft iron, Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

# CHECK VALVE

## Pressure Seal Swing Disc Class 2500

Type: **OMV-CHV-PS-SD-CL2500**

### Pressure Sealing Swing Check Valve Class 2500

Bolted cover, Swing type disc  
Threaded or welded seat ring

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 6D, BS1868

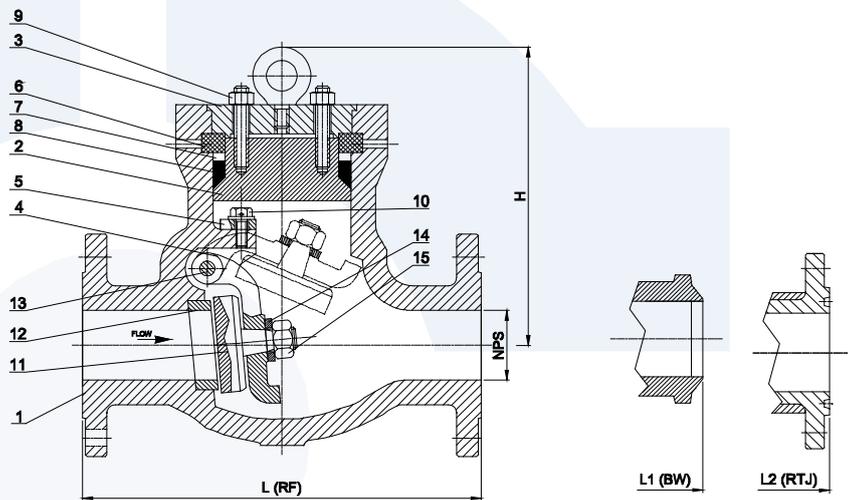
Face to face dimension: ASME B16.10, API 6D

Flange connection: ASME B16.5

But welded end: ASME B16.25

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Cover	A216 Gr. WCB
4	Hinge	A216 Gr. WCB
5	Hinge Yoke	A216 Gr. WCB
6	Back up ring	A182 F6a
7	Thrust ring	A182 F6a
8	Gasket	Soft Iron
9	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
10	Bolt	A193 Gr. B7
11	Disc	CS + SS / SS / SS + Stl
12	Seat Ring	CS + SS / SS / SS + Stl
13	Hinge Pin	Carbon Steel / SS
14	Washer	Carbon Steel / SS
15	Disc Nut	A194 Gr. 2H



		DIMENSIONS								
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	
L-RF	mm	451	508	578	673	914	1022	1270	1422	
L <sub>1</sub> -BW	mm	451	508	578	673	914	1022	1270	1422	
L <sub>2</sub> -RTJ	mm	454	514	584	683	927	1038	1292	1455	
H	mm	275	335	350	385	495	625	712	905	
Weight kg	RF	50	76	85	165	460	900	1300	1800	
	BW	35	55	68	115	225	580	860	1150	
	RTJ	50	76	85	165	460	900	1300	1800	

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spral wound, Soft iron, Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

# CHECK VALVE

## Wafer Swing Disc Class 150

Type: **OMV-CHV-WAF-SD-CL 150**

ASME/API

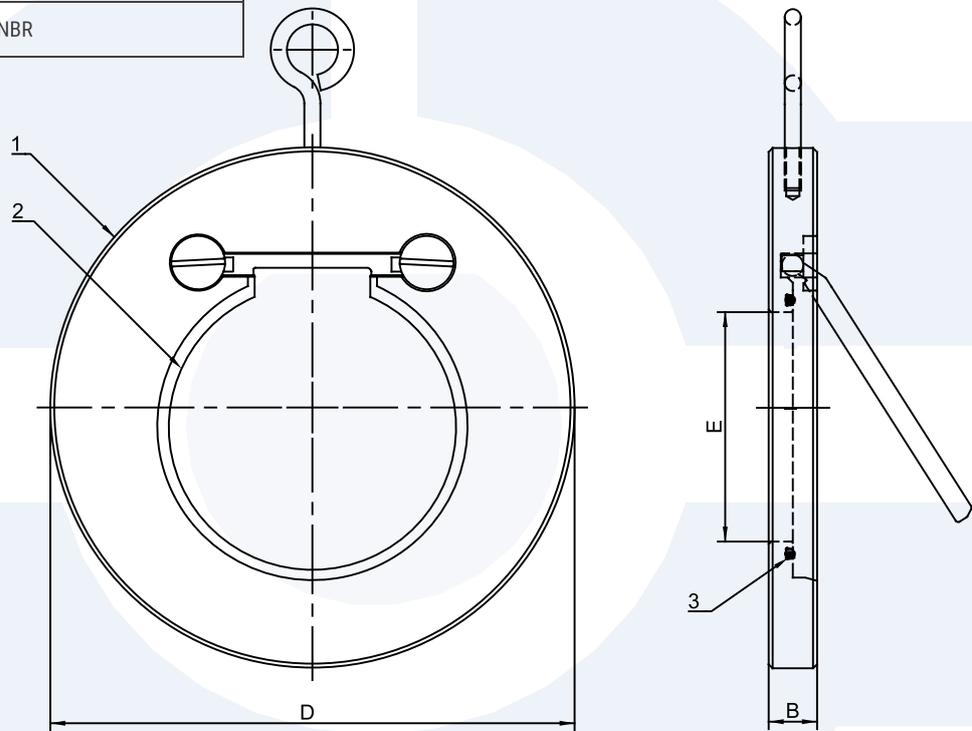
### Class Wafer Swing Check Valve Class 150

One-piece body, wafer end  
Available option with spring

### Compliance standard

Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313  
Face to face dimension: ASME B16.10  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	CS / AISI316
2	Disc	AISI 316
3	O-ring	NBR



		DIMENSIONS											
Size	inch	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
B	mm	14	14	14	14	18	18	20	22	26	32	38	44
E	mm	22	32	40	54	70	92	112	154	200	240	270	310
D	mm	86	106	124	138	175	195	221	279	339	410	450	514
Weight	kg	0,7	0,9	1,2	1,5	2,5	3,2	5,3	9,7	16,2	28	32	48

### Alternative materials:

Body: AISI 304, Bronze  
Disc: AISI 304  
O-ring: FMQ, Viton

Other material on request

# CHECK VALVE

## Wafer Swing Disc Class 300

Type: **OMV-CHV-WAF-SD-CL 300**

ASME/API

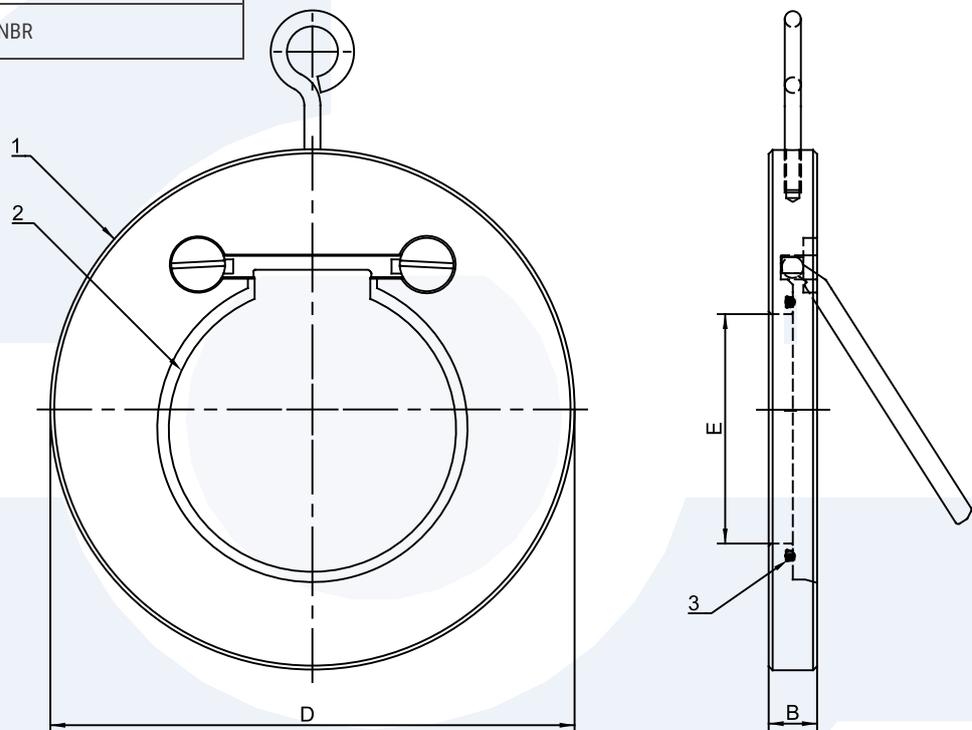
### Class Wafer Swing Check Valve Class 300

One-piece body, wafer end  
Available option with spring

### Compliance standard

Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313  
Face to face dimension: ASME B16.10  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	CS / AISI316
2	Disc	AISI 316
3	O-ring	NBR



		DIMENSIONS										
Size	inch	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
B	mm	14	14	14	14	18	32	32	42	47	52	
E	mm	22	32	40	54	70	92	112	154	200	240	
D	mm	95	109	128	145	179	214	249	308	359	425	
Weight	kg	0,7	0,9	1,2	1,5	3,2	7,6	10,3	19,7	24,8	45,6	

### Alternative materials:

Body: AISI 304, Bronze  
Disc: AISI 304  
O-ring: FMQ, Viton

Other material on request

# CHECK VALVE

## Wafer Swing Disc with o-ring Class 150

Type: **OMV-CHV-WAF-SD-O-CL 150**

### Class Wafer Swing Check Valve Class 150 with o-ring

One-piece body, wafer end  
Available option with spring

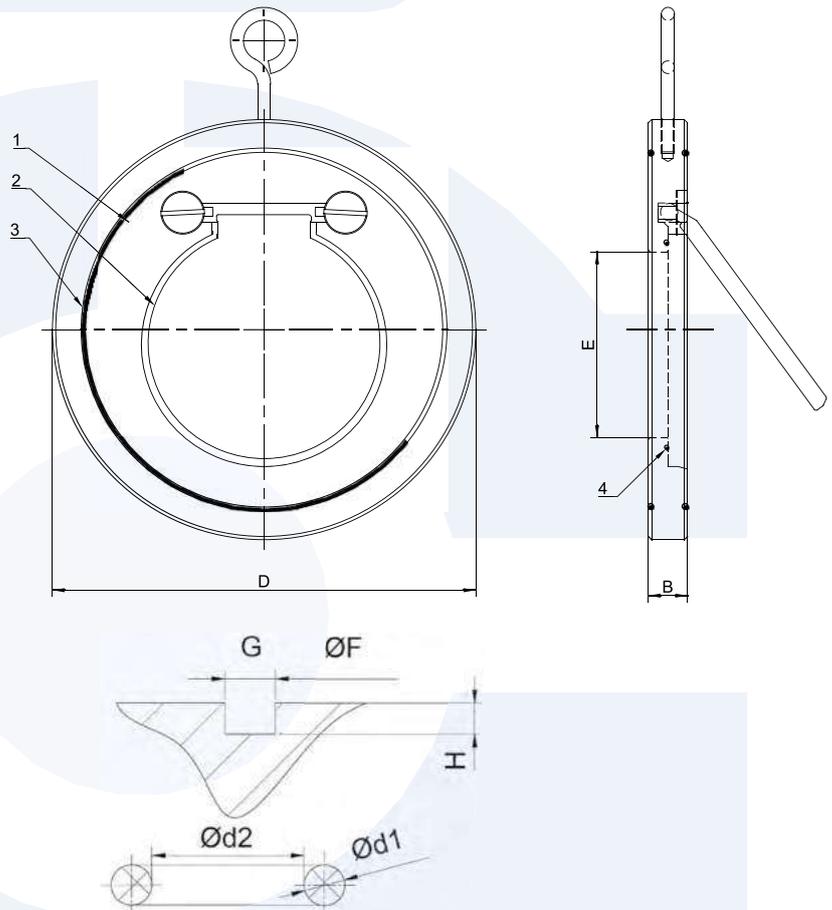
ASME/API

### Compliance standard

Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313  
Face to face dimension: ASME B16.10  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	CS / AISI316
2	Disc	AISI 316
3	O-ring	NBR (Buna)
4	O-ring	NBR

DN	GROOVE DIMENSIONS			O RING DIMENSIONS
	F	G	H	d2xd1
40	65	7.2	3.6	62,87x5,33
50	75	7.2	3.6	72,39x5,33
65	90	7.2	3.6	88,27x5,33
80	105	7.2	3.6	100,97x5,33
100	133	7.2	3.6	129,54x5,33
125	160	7.2	3.6	158,12x5,33
150	186	7.2	3.6	183,52x5,33
200	245	9.4	4.8	240,67x6,99
250	294	9.4	4.8	291,47x6,99
300	345	9.4	4.8	342,27x6,99
350	382	9.4	4.8	380,37x6,99
400	445	9.4	4.8	443,36x6,99



		DIMENSIONS												
Size	inch	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	
B	mm	14	14	14	14	18	18	20	22	26	32	38	44	
E	mm	22	32	40	54	70	92	112	154	200	240	270	310	
D	mm	86	106	124	138	175	195	221	279	339	410	450	514	
Weight	kg	0,7	0,9	1,2	1,5	2,5	3,2	5,3	9,7	16,2	28	32	48	

### Alternative materials:

Body: AISI 304, Bronze  
Disc: AISI 304  
O-ring: FMQ, Viton

Other material on request

# CHECK VALVE

## Wafer Swing Disc with o-ring Class 300

Type: **OMV-CHV-WAF-SD-O-CL 300**

### Class Wafer Swing Check Valve Class 300 with o-ring

One-piece body, wafer end  
Available option with spring

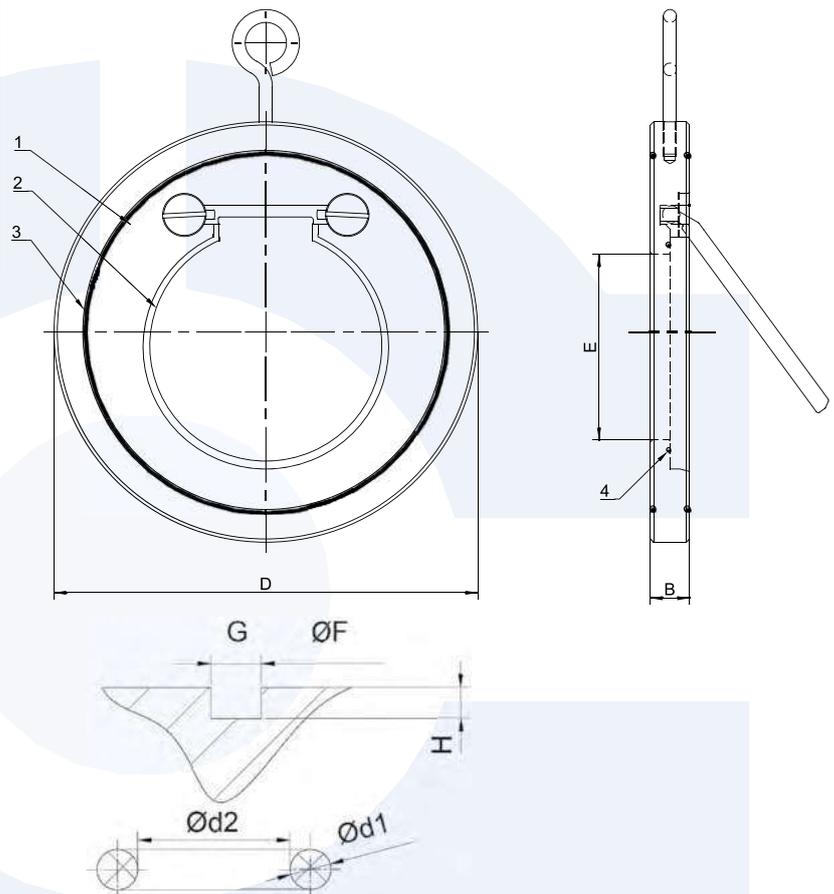
ASME/API

### Compliance standard

Design and manufacture: ASME B16.34, API 6D/API 594, ISO 14313  
Face to face dimension: ASME B16.10  
Flange connection: ASME B16.5  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	CS / AISI 316
2	Disc	AISI 316
3	O-ring	NBR (Buna)
4	O-ring	NBR

DN	GROOVE DIMENSIONS			O RING DIMENSIONS
	F	G	H	d2xd1
40	65	7.2	3.6	62,87x5,33
50	75	7.2	3.6	72,39x5,33
65	90	7.2	3.6	88,27x5,33
80	105	7.2	3.6	100,97x5,33
100	133	7.2	3.6	129,54x5,33
125	160	7.2	3.6	158,12x5,33
150	186	7.2	3.6	183,52x5,33
200	245	9.4	4.8	240,67x6,99
250	294	9.4	4.8	291,47x6,99
300	345	9.4	4.8	342,27x6,99
350	382	9.4	4.8	380,37x6,99
400	445	9.4	4.8	443,36x6,99



		DIMENSIONS									
Size	inch	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
B	mm	14	14	14	14	18	32	32	42	47	52
E	mm	22	32	40	54	70	92	112	154	200	240
D	mm	95	109	128	145	179	214	249	308	359	425
Weight	kg	0,7	0,9	1,2	1,5	3,2	7,6	10,3	19,7	24,8	45,6

### Alternative materials:

Body: AISI 304, Bronze  
Disc: AISI 304  
O-ring: FMQ, Viton

Other material on request



# GATE VALVES



# GATE VALVE

## Cast Steel Class 150

Type: **OMV-GAV-CL 150**

ASME/API

### Cast Steel Gate Valve Class 150

OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 600, API 6D, API 603, BS1414

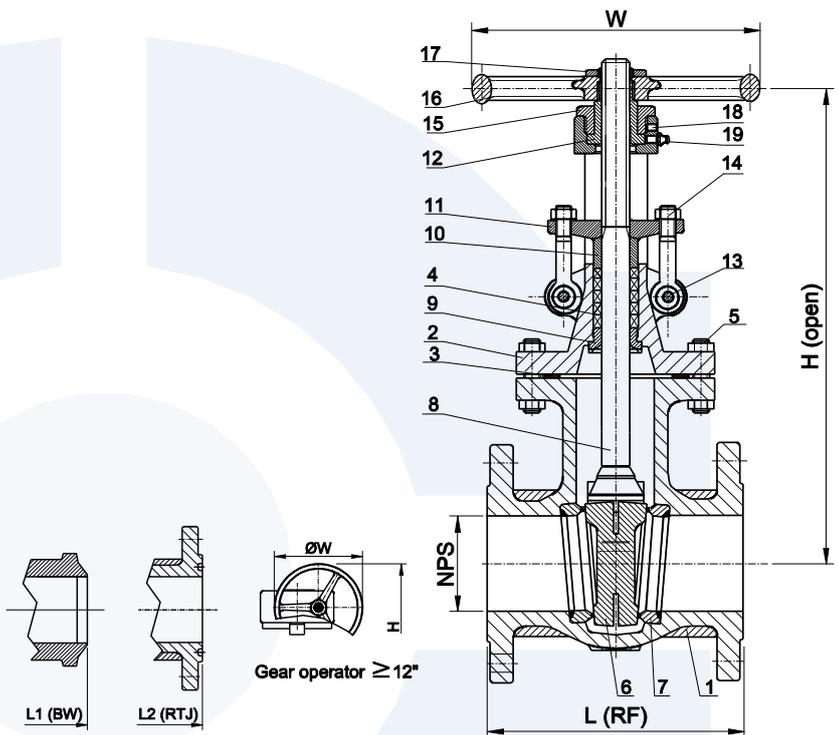
Face to face dimension: API 6D, ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5, 22" acc. to MSS-SP-44  
26" and above ASME B16.47 Series A, or on request

Butt weld end: ASME B16.25, or on request

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr.2H
6	Wedge	A216 Gr. WCB (equivalent to body material)
7	Seat ring	CS+SS / SS / SS+Stellite
8	Stem	Stainless Steel
9	Backseat	Stainless Steel
10	Gland	Stainless Steel
11	Gland flange	A216 Gr. WCB (equivalent to body material)
12	Stem Nut	A439, Type D2
13	Pin	Carbon Steel / SS
14	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H / A193 Gr. B8 / A194 Gr. 8
15	Yoke Nut	Carbon Steel / SS
16	Handwheel	Malleable Iron / Cast Steel / Ductile Iron / Fabricated Steel
17	Handwheel Nut	Carbon Steel
18	Grub screw	Carbon Steel
19	Grease Nipple	Brass



		DIMENSIONS																					
Size	inch	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	40"	42"	48"
L-RF	mm	165	178	191	203	229	267	292	330	356	381	406	432	457	508	559	610	610	711	711	762	787	864
L1-BW	mm	165	216	241	283	305	403	419	457	502	572	610	660	711	813	864	914	914	965	1016	1060	1092	1068
L2-RTJ	mm	178	191	203	216	242	279	305	343	368	394	419	445	470	521	-	622	622	673	724	-	-	-
H	mm	392	368	434	480	584	765	956	1149	1350	1508	1703	1892	2119	2500	2806	2960	3150	3280	3720	4670	4920	5525
W	mm	200	200	200	250	300	300	350	400	450	500	550	600	640	720	720	800	800	950	1000	760	760	760
weight kg	RF	18,5	18	25	32	50	77	121	178	265	363	463	621	792	1190	1521	1838	2260	2490	3310	4815	5300	7110
	BW	15,5	15	18	26	41	69	108	156	248	330	424	587	752	1144	1570	1900	2310	2540	3380	4840	5270	7050
	RTJ	20	20	29	37	56	84	138	210	310	400	505	740	925	1350	-	2235	2800	2900	3750	-	-	-

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8  
A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator...

# GATE VALVE

## Cast Steel Class 300

Type: **OMV-GAV-CL 300**

ASME/API

### Cast Steel Gate Valve Class 300

OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 600, API 6D, API 603, BS1414

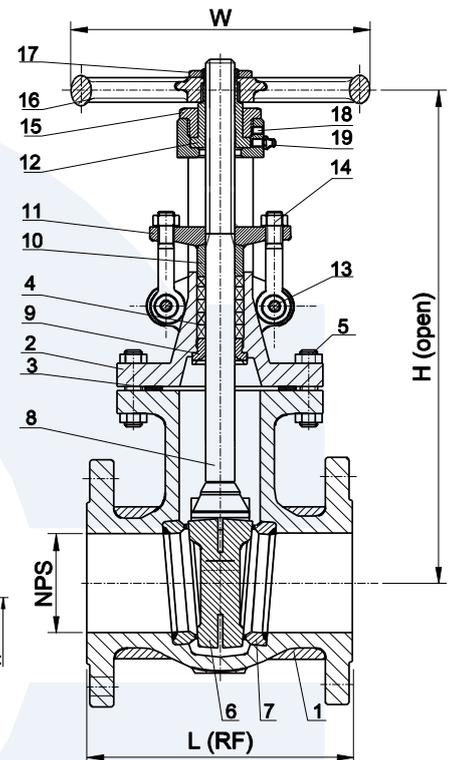
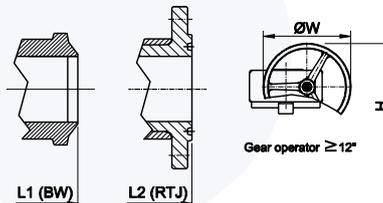
Face to face dimension: API 6D, ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5, 22" acc. to MSS-SP-44  
26" and above ASME B16.47 Series A, or on request

Butt weld end: ASME B16.25, or on request

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr.2H
6	Wedge	A216 Gr. WCB (equivalent to body material)
7	Seat ring	CS+SS / SS / SS+Stellite
8	Stem	Stainless Steel
9	Backseat	Stainless Steel
10	Gland	Stainless Steel
11	Gland flange	A216 Gr. WCB (equivalent to body material)
12	Stem Nut	A439, Type D2
13	Pin	Carbon Steel / SS
14	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
15	Yoke Nut	Carbon Steel / SS
16	Handwheel	Malleable Iron / Cast Steel / Ductile Iron / Fabricated Steel
17	Handwheel Nut	Carbon Steel
18	Grub screw	Carbon Steel
19	Grease Nipple	Brass



### DIMENSIONS

Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	40"	42"	48"
L-RF	mm	216	241	283	305	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1727	1930	1981	2235
L1-BW	mm	216	241	283	305	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1727	1930	1981	2235
L2-RTJ	mm	232	257	298	321	419	435	473	518	778	854	930	1010	1165	1270	1372	1422	1553	1756	-	-	-
H	mm	410	453	509	612	805	1000	1210	1415	1580	1725	1960	2195	2590	2975	3100	3200	3300	3860	4791	5032	5522
W	mm	200	200	250	300	350	400	450	500	550	550	600	640	720	720	800	800	950	1000	610	610	610
Weight kg	RF	23	35	50	71	144	209	322	482	683	950	1145	1635	2660	3090	3310	3595	3720	3985	8460	9500	12400
	BW	17	26	39	53	113	164	256	390	565	805	965	1410	2305	2540	2725	3055	3360	3630	6160	6800	9000
	RTJ	23	35	50	71	144	209	322	482	683	950	1145	1635	2660	3090	3310	3595	3720	3985	-	-	-

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8  
A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator...

# GATE VALVE

## Cast Steel Class 600

Type: OMV-GAV-CL 600

ASME/API

### Cast Steel Gate Valve Class 600

OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 600, API 6D, API 603, BS1414

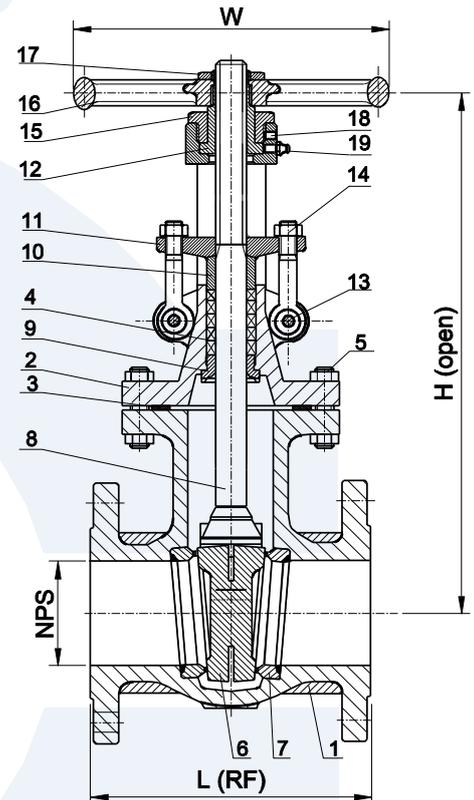
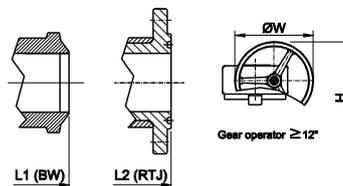
Face to face dimension: API 6D, ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5, 22" acc. to MSS-SP-44  
26" and above ASME B16.47 Series A, or on request

Butt weld end: ASME B16.25, or on request

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr.2H
6	Wedge	A216 Gr. WCB (equivalent to body material)
7	Seat ring	CS+SS / SS / SS+Stellite
8	Stem	Stainless Steel
9	Backseat	Stainless Steel
10	Gland	Stainless Steel
11	Gland flange	A216 Gr. WCB (equivalent to body material)
12	Stem Nut	A439, Type D2
13	Pin	Carbon Steel / SS
14	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
15	Yoke Nut	Carbon Steel / SS
16	Handwheel	Malleable Iron / Cast Steel / Ductile Iron / Fabricated Steel
17	Handwheel Nut	Carbon Steel
18	Grub screw	Carbon Steel
19	Grease Nipple	Brass



		DIMENSIONS																	
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"
L-RF	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	1651	1778	2083
L1-BW	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	1651	1778	2083
L2-RTJ	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1461	1562	1664	1794	2099
H	mm	418	476	518	646	840	1025	1230	1450	1575	1795	1930	2210	2580	2665	2780	2895	3150	3560
W	mm	200	250	250	300	450	500	600	600	600	600	640	640	720	720	800	800	950	1000
Weight kg	RF	36	52	67	112	170	393	610	890	1245	1530	1965	2450	2995	3475	3725	3720	4185	4480
	BW	29	42	53	83	125	310	472	730	1055	1240	1625	2030	2590	2855	3065	3440	3780	4085
	RTJ	36	52	67	112	170	393	610	890	1245	1530	1965	2450	2995	3475	3725	3720	4185	4480

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

Other material on request

Operators: Handwheel; Gearbox, Electric actuator...

# GATE VALVE

## Cast Steel Class 900

Type: **OMV-GAV-CL 900**

ASME/API

### Cast Steel Gate Valve Class 900

OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 600, API 6D, API 603, BS1414

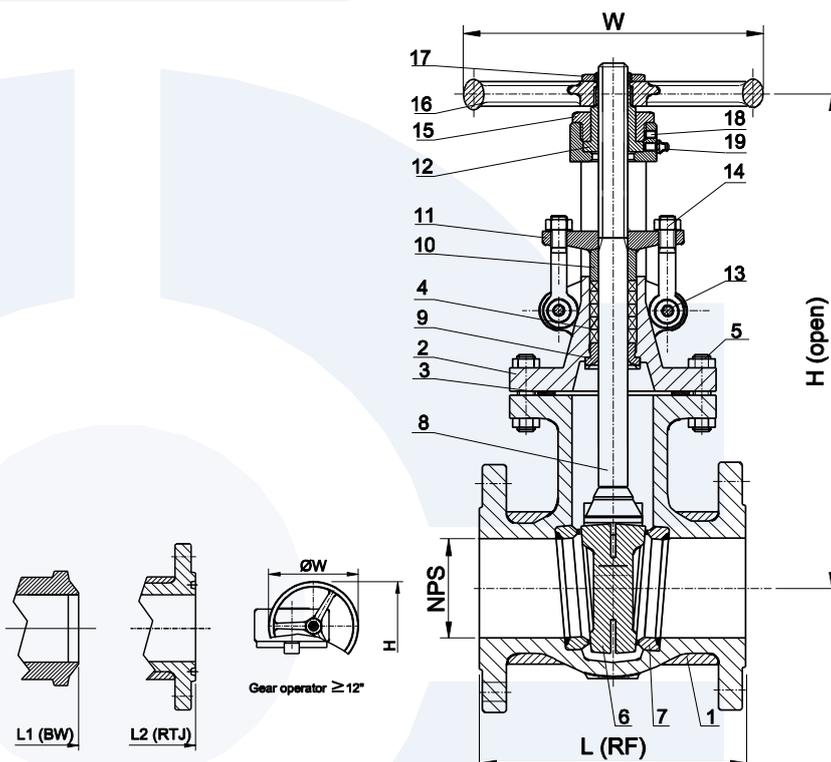
Face to face dimension: API 6D, ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5, 22" acc. to MSS-SP-44  
26" and above ASME B16.47 Series A, or on request

Butt weld end: ASME B16.25, or on request

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr.2H
6	Wedge	A216 Gr. WCB (equivalent to body material)
7	Seat ring	CS+SS / SS / SS+Stellite
8	Stem	Stainless Steel
9	Backseat	Stainless Steel
10	Gland	Stainless Steel
11	Gland flange	A216 Gr. WCB (equivalent to body material)
12	Stem Nut	A439, Type D2
13	Pin	Carbon Steel / SS
14	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
15	Yoke Nut	Carbon Steel / SS
16	Handwheel	Malleable Iron / Cast Steel / Ductile Iron / Fabricated Steel
17	Handwheel Nut	Carbon Steel
18	Grub screw	Carbon Steel
19	Grease Nipple	Brass



		DIMENSIONS												
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L-RF	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L1-BW	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L2-RTJ	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568
H	mm	498	547	573	678	900	1103	1345	1525	1900	2055	2215	2565	2640
W	mm	250	250	300	450	500	600	640	720	800	800	950	950	1000
Weight kg	RF	74	131	101	172	335	640	1100	1600	2250	2850	3060	3835	4900
	BW	54	105	78	135	260	515	920	1380	2010	2565	2485	3250	4065
	RTJ	74	131	101	172	335	640	1100	1600	2250	2850	3060	3835	4900

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8  
A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator...

# GATE VALVE

## Forged Steel Class 800

Type: **OMV-GAV-F-CL 800**

ASME/API

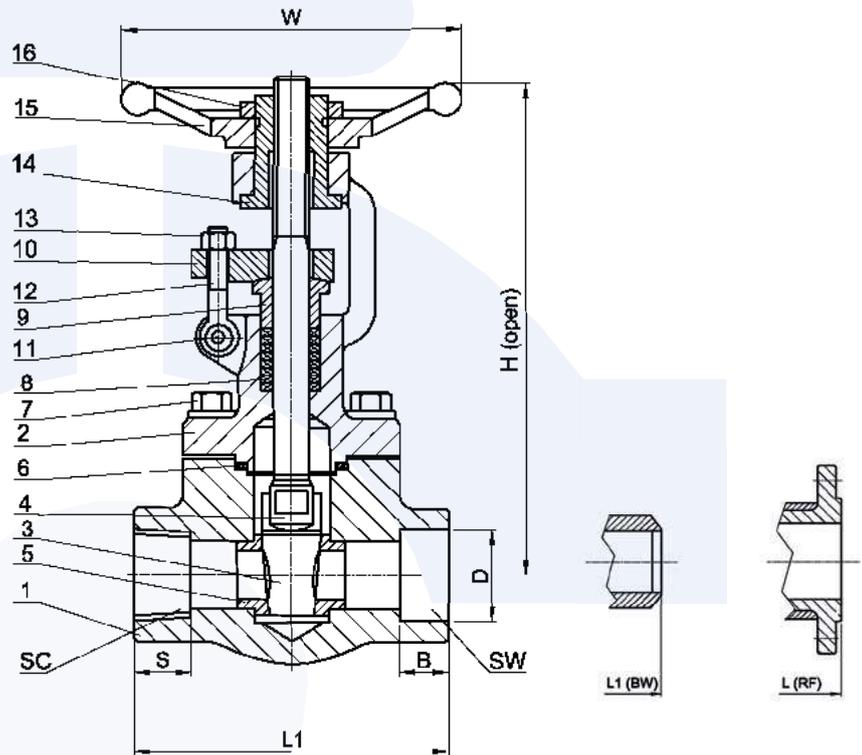
### Forged Steel Gate Valve Class 800

Bolted bonnet / Welded bonnet  
O&Y, Rising stem  
Single wedge gate  
Replaceable seat ring

### Standard compliance

Design and manufacturing: API 602, ASME B1  
Face to face dimension: ASME B16.10 (L-RF)  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Coupling weld end: ASME B16.11  
Threaded end: ASME B1.20.1  
Test and inspection: API 598

Item	Description Part name	Material
1	Body	A105
2	Bonnet	A105
3	Wedge	A182-F6a
4	Stem	A276 Gr. 410
5	Seat ring	A276 Gr. 410
6	Bellow	Graphite +304
7	Bolt	A193 Gr. B7
8	Gland packing	Graphite
9	Stuffing box	A276 Gr. 410
10	Gland	A105
11	Gland pin	A276 Gr. 410
12	Gland Eyebolt	A193 Gr. B7
13	Gland nut	A194 Gr. 2H
14	Yoke nut	A276 Gr. 410
15	Handwheel	Ductile iron
16	Handwheel nut	Carbon steel



DIMENSIONS												
Size	SW		SC			Weight	L-RF			Weight		
	L <sub>1</sub>	D	B	NPT	S		H	W	150 <sub>LB</sub>		300 <sub>LB</sub>	600 <sub>LB</sub>
3/8"	79	17,6	9,6	3/8"	13,6	151	100	4	102	140	165	4,5
1/2"	79	21,8	9,6	1/2"	16,3	151	100	4	108	140	165	5,1
3/4"	92	27,1	12,7	3/4"	16,9	158	100	4,3	117	152	190	8,2
1"	111	33,8	12,7	1"	17,3	185	125	6,6	127	165	216	10,5
1 1/4"	120	42,6	12,7	1 1/4"	18,4	239	160	9,5	140	178	229	12,4
1 1/2"	120	48,7	12,7	1 1/2"	18,4	243	160	11	165	190	241	20,1
2"	140	61,1	15,9	2"	19,2	279	180	14,5	178	216	292	28

### Alternative materials:

Body & Bonnet: A182 F316, A182 F11  
Wedge: A182 F316; A182 F6a+HF  
Seat: A182 F316; A276 410+HF  
Gasket: Spiral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: A193 B7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## Pressure Seal Class 1500

Type: **OMV-GAV-PS-CL1500**

### Pressure Seal Gate Valve Class 1500

OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

ASME/API

### Standard compliance

Design and manufacture: ASME B16.34, API 600, API 6D, API 603, BS1414

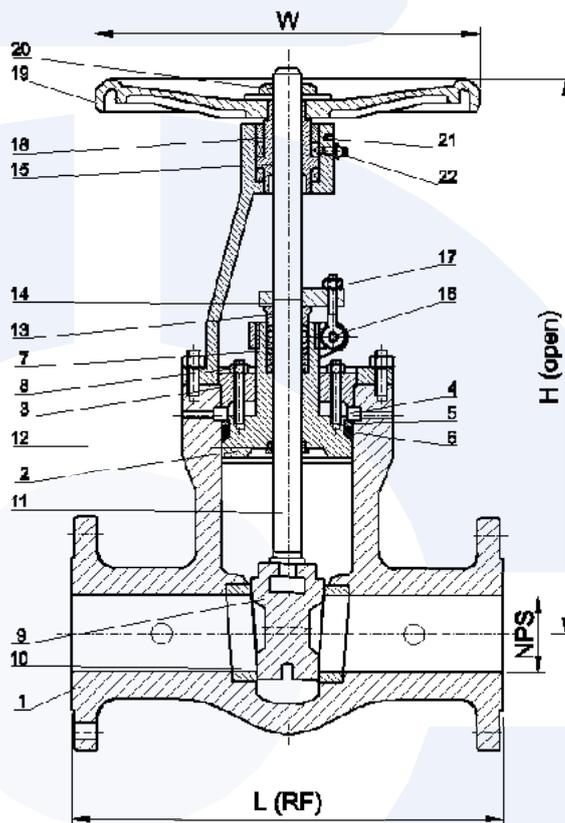
Face to face dimension: API 6D, ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5; 22" acc. to MSS-SP-44, 26" and above ASME B16.47 Series A, or on request

Butt weld end: ASME B16.25, or on request

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Yoke	A216 Gr. WCB
4	Backup Ring	F6a
5	Thrust Ring	F6a
6	Gasket	Soft Iron
7	Gland Packing	Graphite
8	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
9	Wedge	WCB+STL / SS+STL
10	Seat Ring	A105+STL / SS+STL
11	Stem	F6a / SS
12	Backseat	Stellite / SS
13	Gland	A216 Gr. WCB
14	Gland Flange	A216 Gr. WCB (equivalent to body material)
15	Stem Nut	A439 Type D2
16	Pin	Carbon Steel / Stainless Steel
17	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
18	Yoke Nut	Carbon Steel / SS
19	Handwheel	Malleable Iron / Cast Steel / Ductile Iron / Fabricated Steel
20	Handwheel Nut	Carbon Steel
21	Grub Screw	Carbon Steel
22	Grease Nipple	Brass



		DIMENSIONS													
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	
L-RF	mm	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943	
L <sub>1</sub> -BW	mm	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943	
L <sub>2</sub> -RTJ	mm	371	422	473	549	711	842	1001	1146	1276	1406	1559	1686	1971	
H	mm	615	658	760	868	1005	1145	1370	1550	1900	2050	2380	2580	2915	
W	mm	250	300	450	500	600	460	460	600	600	600	600	600	600	
Weight kg	RF	116	166	209	296	510	920	1910	3145	4100	200	8965	13100	15860	
	BW	105	150	188	265	412	760	1640	2755	3200	5300	8070	11790	14275	
	RTJ	116	166	209	296	510	920	1910	3145	4100	6200	8965	13100	15860	

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8  
A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator...

# GATE VALVE

## Pressure Seal Class 2500

Type: **OMV-GAV-PS-CL2500**

ASME/API

### Pressure Seal Gate Valve Class 2500

OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, API 600, API 6D, API 603, BS1414

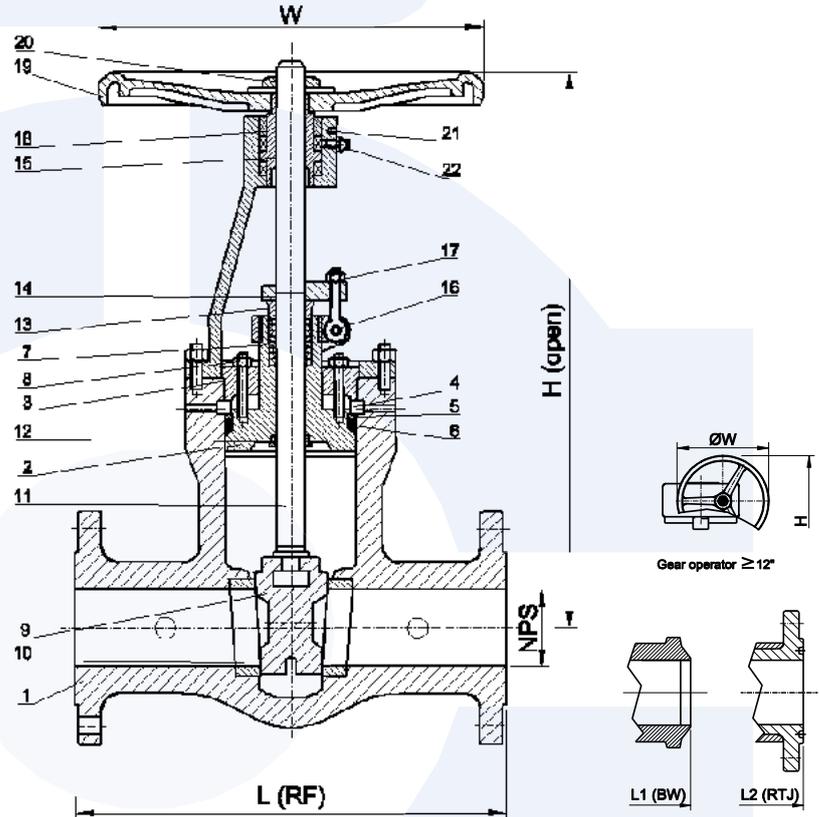
Face to face dimension: API 6D, ASME B16.10

Flange connection: 2"-24" acc. to ASME B16.5, 22" acc. to MSS-SP-44, 26" and above ASME B16.47 Series A, or on request

Butt weld end: ASME B16.25, or on request

Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Yoke	A216 Gr. WCB
4	Backup Ring	F6a
5	Thrust Ring	F6a
6	Gasket	Soft Iron
7	Gland Packing	Graphite
8	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
9	Wedge	WCB+STL / SS+STL
10	Seat Ring	A105+STL / SS+STL
11	Stem	F6a / SS
12	Backseat	Stellite / SS
13	Gland	A216 Gr. WCB
14	Gland Flange	A216 Gr. WCB (equivalent to body material)
15	Stem Nut	A439 Type D2
16	Pin	Carbon Steel / Stainless Steel
17	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
18	Yoke Nut	Carbon Steel / SS
19	Handwheel	Malleable Iron / Cast Steel / Ductile Iron / Fabricated Steel
20	Handwheel Nut	Carbon Steel
21	Grub Screw	Carbon Steel
22	Grease Nipple	Brass



		DIMENSIONS								
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	
L-RF	mm	451	508	578	673	914	1022	1270	1422	
L <sub>1</sub> -BW	mm	451	508	578	673	914	1022	1270	1422	
L <sub>2</sub> -RTJ	mm	454	514	584	683	927	1038	1292	1444	
H	mm	631	736	890	1055	1450	1610	2075	2280	
W	mm	300	450	500	500	600	600	600	600	
Weight	kg	155	210	310	580	1600	2450	4570	7150	
	BW	124	160	245	460	1310	2010	3800	6000	
	RTJ	155	210	310	580	1600	2450	4570	7150	

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Wedge: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

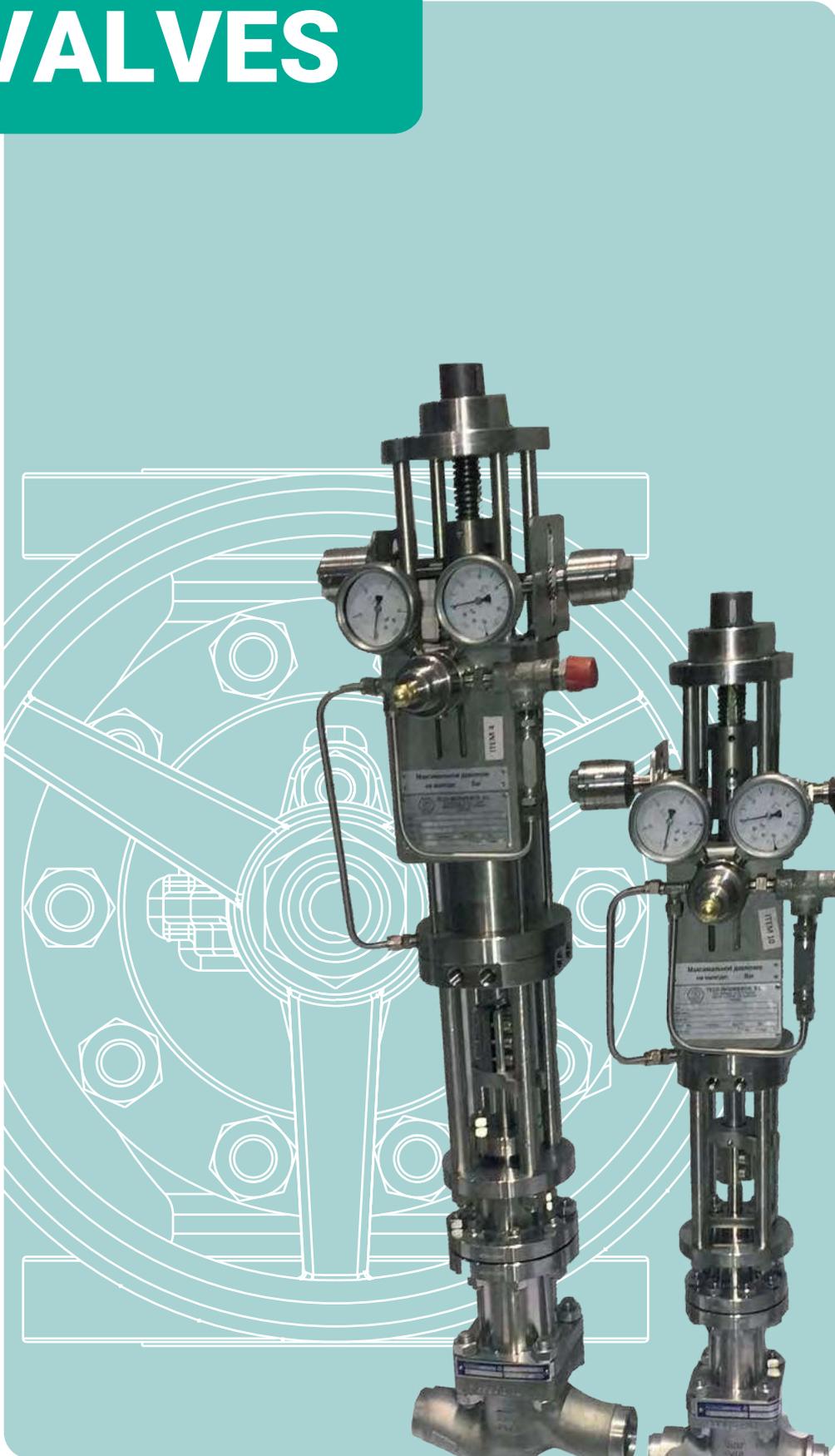
Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator...



# GLOBE VALVES



# GLOBE VALVE

## Cast Steel Class 150

Type: **OMV-GLV-CL 150**

ASME/API

### Cast Steel Globe Valve Class 150

OS & Y, rising stem, Plug disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, BS1783

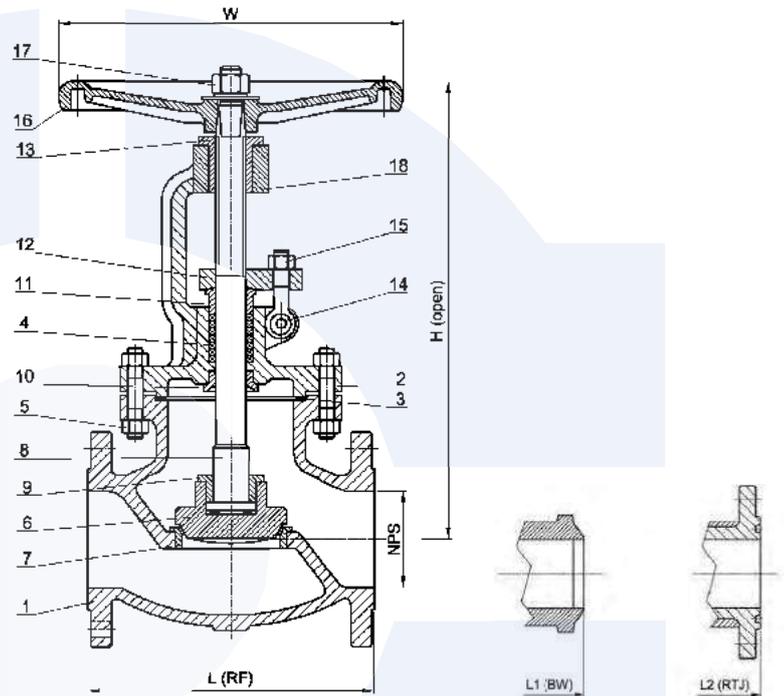
Face to face dimension: ASME B16.10

Flange connection: acc. to ASME B16.5

Butt welded end: ASME B16.25

Test and inspection: API 598

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
6	Disc	CS + 13Cr / SS
7	Seat ring	A105 + 130V / HF / SS
8	Stem	Stainless steel
9	Disc nut	CS + SS / SS / SS + Stl
10	Backseat	Stainless steel
11	Gland	Stainless steel, A216 Gr. WCB
12	Gland flange	A216 Gr. WCB (equivalent to body material)
13	Stem Nut	A439 Type D2
14	Pin	Carbon steel / SS
15	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
16	Handwheel	Malleable iron / Cast steel / Ductile iron / Fabricated steel
17	Handwheel nut	A194 Gr. 2H A194 Gr. 8
18	Grub screw	Carbon steel



		DIMENSIONS												
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L-RF	MM	203	216	241	292	406	495	622	698	787	914	978	978	1295
L1-BW	MM	203	216	241	292	406	495	622	698	787	914	978	978	1295
L2-RTJ	MM	216	229	254	305	419	508	635	711	800	927	991	991	1308
H	MM	380	535	445	515	560	615	815	910	1230	1450	1514	1670	2159
W	MM	180	240	280	280	320	320	400	450	500	Gear or Actuator			
Weight (kg)	RF	18	30	41	64	86	110	280	380	510	740	1293	1396	3360
	BW	14	22	33	43	72	88	245	345	450	665	1198	1284	3191
	RTJ	18	30	41	64	86	110	280	380	510	740	1293	1396	3360

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator, Pneumatic, Hydraulic

# GLOBE VALVE

## Cast Steel Class 300

Type: **OMV-GLV-CL 300**

ASME/API

### Cast Steel Globe Valve Class 300

OS & Y, rising stem, Plug disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, BS1783

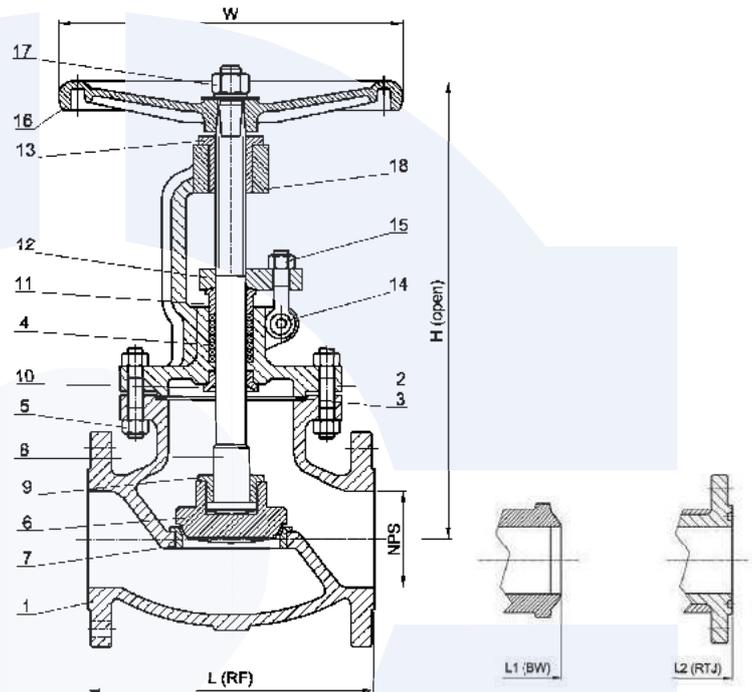
Face to face dimension: ASME B16.10

Flange connection: acc. to ASME B16.5

Butt welded end: ASME B16.25

Test and inspection: API 598

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
6	Disc	CS + 13Cr / SS
7	Seat ring	A105 + 130V / HF / SS
8	Stem	Stainless steel
9	Disc nut	CS + SS / SS / SS + Stl
10	Backseat	Stainless steel
11	Gland	Stainless steel, A216 Gr. WCB
12	Gland flange	A216 Gr. WCB (equivalent to body material)
13	Stem Nut	A439 Type D2
14	Pin	Carbon steel / SS
15	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
16	Handwheel	Malleable iron / Cast steel / Ductile iron / Fabricated steel
17	Handwheel nut	A194 Gr. 2H A194 Gr. 8
18	Grub screw	Carbon steel



		DIMENSIONS													
Size		inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L-RF	MM	267	292	318	356	444	559	622	711	838	863	978	991	1397	
	MM	267	292	318	356	444	559	622	711	838	863	978	991	1397	
L1-BW	MM	283	308	334	372	460	575	638	727	854	879	995	1010	1419	
	MM	283	308	334	372	460	575	638	727	854	879	995	1010	1419	
H	MM	425	485	505	570	640	845	900	980	1377	1522	1722	1896	2159	
W	MM	200	240	280	320	400	450	500	600	Gearbox or Actuator					
	RF	25	32	38	56	96	150	360	550	952	1225	1452	2156	3626	
Weight (kg)	BW	20	22	27	41	75	117	310	492	816	1045	1198	1988	3225	
	RTJ	25	32	38	56	96	150	360	550	952	1225	1452	2156	3626	

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator, Pneumatic, Hydraulic

# GLOBE VALVE

## Cast Steel Class 600

Type: **OMV-GLV-CL 600**

ASME/API

### Cast Steel Globe Valve Class 600

OS & Y, rising stem, Plug disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, BS1783

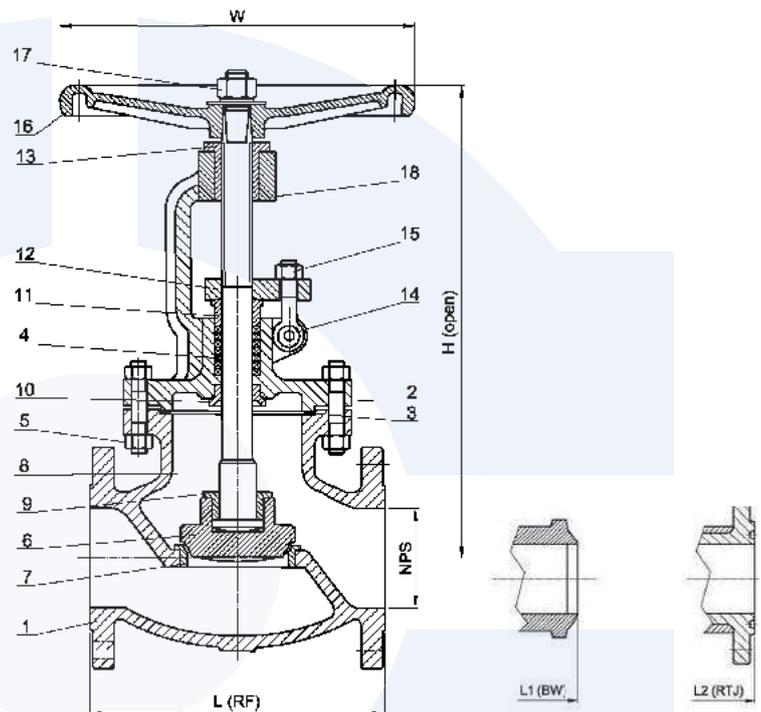
Face to face dimension: ASME B16.10

Flange connection: acc. to ASME B16.5

Butt welded end: ASME B16.25

Test and inspection: API 598

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
6	Disc	CS + 13Cr / SS
7	Seat ring	A105 + 130V / HF / SS
8	Stem	Stainless steel
9	Disc nut	CS + SS / SS / SS + Stl
10	Backseat	Stainless steel
11	Gland	Stainless steel, A216 Gr. WCB
12	Gland flange	A216 Gr. WCB (equivalent to body material)
13	Stem Nut	A439 Type D2
14	Pin	Carbon steel / SS
15	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
16	Handwheel	Malleable iron / Cast steel / Ductile iron / Fabricated steel
17	Handwheel nut	A194 Gr. 2H A194 Gr. 8
18	Grub screw	Carbon steel



		DIMENSIONS									
Size	inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L-RF	MM	292	330	356	432	559	660	787	838	889	991
L1-BW	MM	292	330	356	432	559	660	787	838	889	991
L2-RTJ	MM	295	333	359	435	562	663	790	841	892	994
H	MM	445	502	533	622	750	927	1140	1350	1800	1930
W	MM	240	280	320	400	450	500	600	600	760	760
Weight (kg)	RF	35	50	60	110	230	410	770	1140	2700	3600
	BW	27	34	42	84	192	350	680	1030	2510	3350
	RTJ	35	50	60	110	230	410	770	1140	2700	3600

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator, Pneumatic, Hydraulic

# GLOBE VALVE

## Cast Steel Class 900

Type: **OMV-GLV-CL 900**

ASME/API

### Cast Steel Globe Valve Class 900

OS & Y, rising stem, Plug disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: ASME B16.34, BS1783

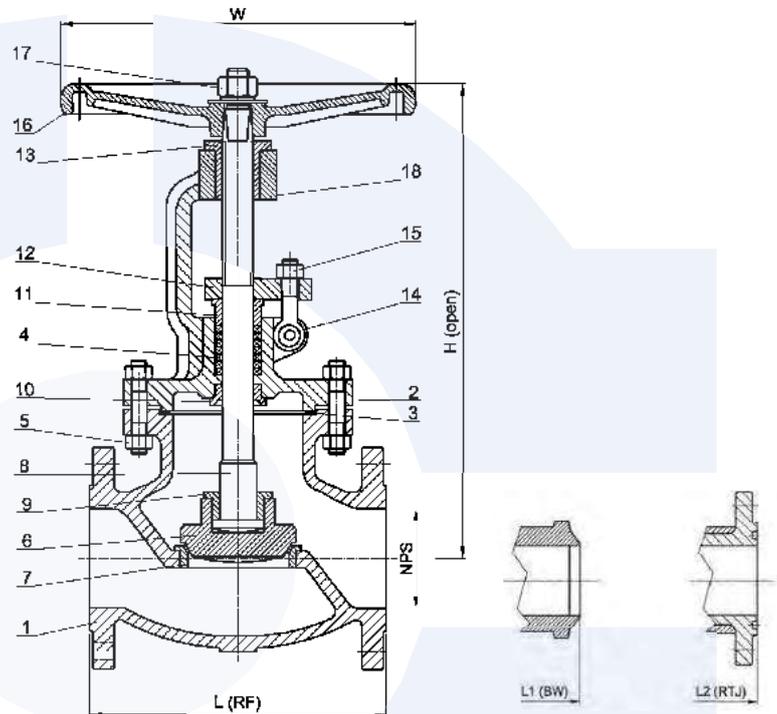
Face to face dimension: ASME B16.10

Flange connection: acc. to ASME B16.5

Butt welded end: ASME B16.25

Test and inspection: API 598

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bonnet	A216 Gr. WCB
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
6	Disc	CS + 13Cr / SS
7	Seat ring	A105 + 130V / HF / SS
8	Stem	Stainless steel
9	Disc nut	CS + SS / SS / SS + Stl
10	Backseat	Stainless steel
11	Gland	Stainless steel, A216 Gr. WCB
12	Gland flange	A216 Gr. WCB (equivalent to body material)
13	Stem Nut	A439 Type D2
14	Pin	Carbon steel / SS
15	Gland Eyebolt & Nut	A193 Gr. B7 / A194 Gr. 2H A193 Gr. B8 / A194 Gr. 8
16	Handwheel	Malleable iron / Cast steel / Ductile iron / Fabricated steel
17	Handwheel nut	A194 Gr. 2H A194 Gr. 8
18	Grub screw	Carbon steel



		DIMENSIONS									
Size		inch	2"	2 1/2"	3"	4"	6"	8"	10"	12"	
Weight (kg)	L-RF	MM	368	419	381	457	610	737	838	965	
	L1-BW	MM	368	419	381	457	610	737	838	965	
	L2-RTJ	MM	371	422	384	460	613	740	841	968	
	H	MM	560	590	640	810	1050	1360	1570	1862	
	W	MM	280	320	400	450	500	600	600	600	
		RF		57	82	92	168	365	665	1250	1653
		BW		41	53	58	117	238	538	1060	1478
		RTJ		57	82	92	168	365	665	1250	1653

### Alternative materials:

Body & Bonnet: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Disc: A352 LCB, A217 WC6, A217 WC9, A217 C5, A217 C12, A351 CF8, A351 CF8M

Seat: Cr13, HF, SS

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: A193 B7, A320 L7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 4, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator, Pneumatic, Hydraulic

# GLOBE VALVE

## Forged Steel Class 800

Type: **OMV-GLV-F-CL 800**

ASME/API

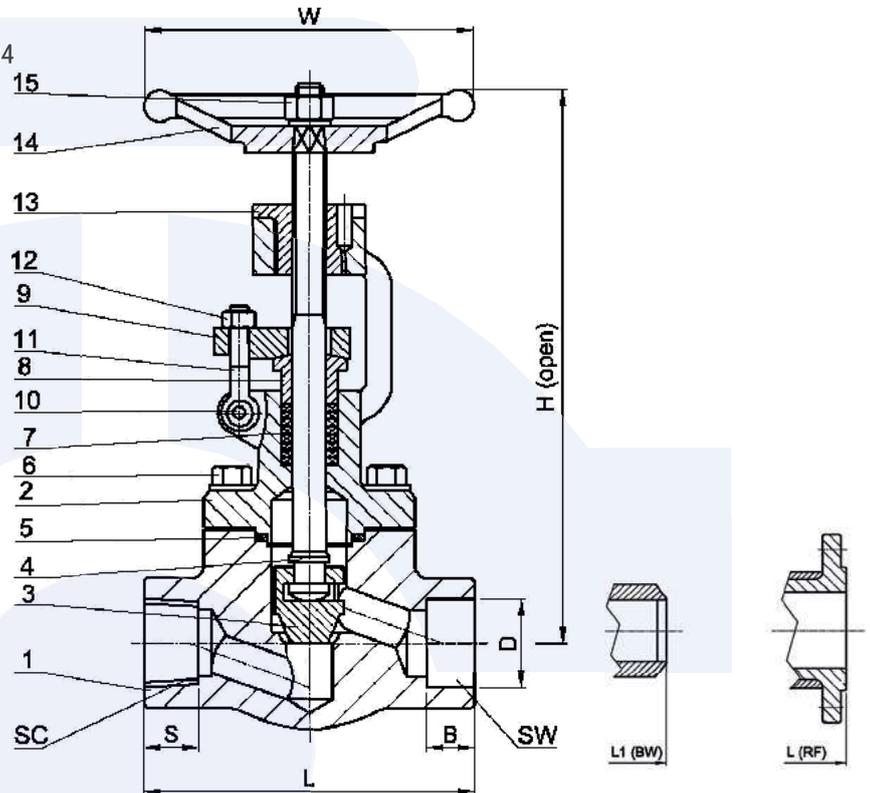
### Forged Steel Globe Valve Class 800

Bolted bonnet / Welded bonnet  
 Outside stem and Yoke, non-rising stem  
 Single disc

### Standard compliance

Design and manufacturing: API 602, ASME B16.34  
 Face to face dimension: ASME B16.10 (L-RF)  
 Flange connection: acc. to ASME B16.5  
 Butt welded end: ASME B16.25  
 Coupling weld end: ASME B16.11  
 Threaded end: ASME B1.20.1  
 Test and inspection: API 598

Item	Description Part name	Material
1	Body	A105
2	Bonnet	A105
3	Disc	A182-F6a
4	Stem	A276 Gr. 410
5	Bellow	Graphite +304
6	Bolt	A193 Gr. B7
7	Gland packing	Graphite
8	Stuffing box	A276 Gr. 410
9	Gland	A105
10	Gland pin	A276 Gr. 410
11	Gland Eyebolt	A193 Gr. B7
12	Gland nut	A194 Gr. 2H
13	Yoke nut	A276 Gr. 410
14	Handwheel	Ductile iron
15	Handwheel nut	Carbon steel



Size	DIMENSIONS											
	SW			SC			Weight	L-RF			Weight	
	L	D	B	NPT	S	H		W	150 LB	300 LB		600 LB
3/8"	79	17,6	9,6	3/8"	13,6	164	100	2,8	102	140	165	4,5
1/2"	79	21,8	9,6	1/2"	16,3	164	100	3,4	108	140	165	5,1
3/4"	92	27,1	12,7	3/4"	16,9	164	100	4,7	117	152	190	8,2
1"	111	33,8	12,7	1"	17,3	203	125	9,2	127	165	216	10,5
1 1/4"	120	42,6	12,7	1 1/4"	18,4	224	160	10,5	140	178	229	12,4
1 1/2"	120	48,7	12,7	1 1/2"	18,4	260	160	13,3	165	190	241	20,1
2"	140	61,1	15,9	2"	19,2	300	180	18,9	178	216	292	28

### Alternative materials:

Body & Bonnet: A182 F316, A182 F11, Disc: A182 F316, A182 F6a+HF

Disc: A182 F316, A18

Gasket: Spiral wound, Soft iron

Packing: Graphite

Bolts & Nuts: A193 B7, A193 B16, A193 B8, A193 B8M / A194 2H, A194 7, A194 8, A194 8M

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator



# STRAINERS



4"  
150#  
WCB

# STRAINER Y-TYPE

## Class 150

Type: **OMV-STR-Y-CL 150**

ASME/API

### Cast Steel Y Strainer Class 150

Bolted cover  $\geq 1\ 1/2"$ ; Screwed cover  $\leq 1\ 1/4"$

### Standard compliance

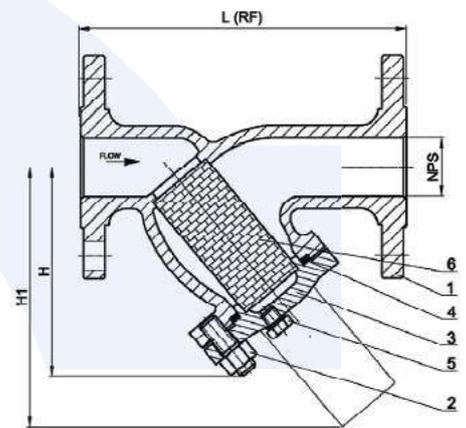
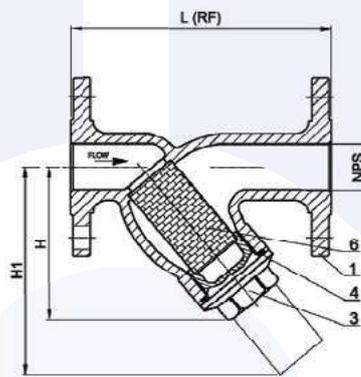
Face to face dimension: ASME B16.10

Flange connection: acc. to ASME B16.5

Test and inspection: API 598

Pressure-temperature rating: ASME B16.34

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bolt & nut	A193 Gr. B7 / A194 Gr. 2H
3	Cover	A216 Gr. WCB
4	Gasket	Flexible graphite / SS PTFE
5	Drain plug	A193 Gr. B7
6	Screen	AISI 304



		DIMENSIONS										
Size	inch	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
L-RF	mm	203	216	241	292	356	406	495	662	698	787	914
H	mm	147	180	198	234	274	314	400	512	581	633	730
H1	mm	179	232	263	337	383	452	555	725	870	933	1360
Weight	kg	13	15	18	22	42	50	91	205	297	394	487

### Alternative materials:

Body & Bonnet: A352 LCB, A351 CF8, A351 CF8M,

Gasket: Flexible graphite / SS PTFE

Screen: AISI 316

Bolts & Nuts: A193 B7, A193 B8, A193 B8M; A194 2H, A194 8, A194 8M

### Other material on request



# STRAINER Y-TYPE

## Class 300

Type: **OMV-STR-Y-CL 300**

ASME/API

### Cast Steel Y Strainer Class 300

Bolted cover  $\geq 1\ 1/2"$ ; Screwed cover  $\leq 1\ 1/4"$

### Standard compliance

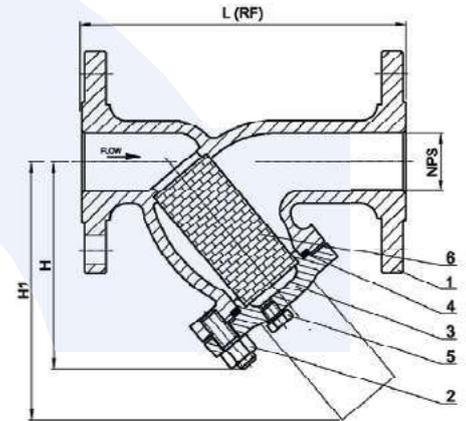
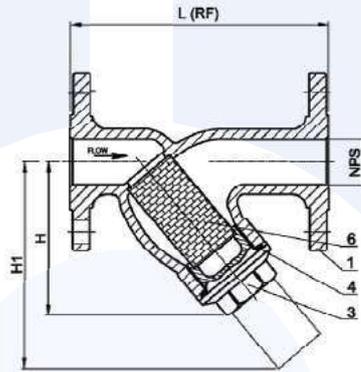
Face to face dimension: ASME B16.10

Flange connection: acc. to ASME B16.5

Test and inspection: API 598

Pressure-temperature rating: ASME B16.34

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bolt & nut	A193 Gr. B7 / A194 Gr. 2H
3	Cover	A216 Gr. WCB
4	Gasket	Flexible graphite / SS PTFE
5	Drain plug	A193 Gr. B7
6	Screen	AISI 304



		DIMENSIONS										
Size	inch	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
L-RF	mm	267	292	318	356	400	444	533	622	711	838	864
H	mm	152	185	204	240	280	320	410	530	600	650	730
H1	mm	184	236	266	340	386	456	560	730	875	938	1360
Weight	kg	16	20	24	30	50	70	115	270	380	520	617

### Alternative materials:

Body & Bonnet: A352 LCB, A351 CF8, A351 CF8M

Gasket: Flexible graphite / SS PTFE

Screen: AISI 316

Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

### Other material on request



# PLUG VALVES



# PLUG VALVE

## Sleeved Type Soft Sealing Class 150

Type: **OMV-PLV-ST-CL 150**

### Cast Steel Sleeved Type Soft Sealing Plug Valve Class 150

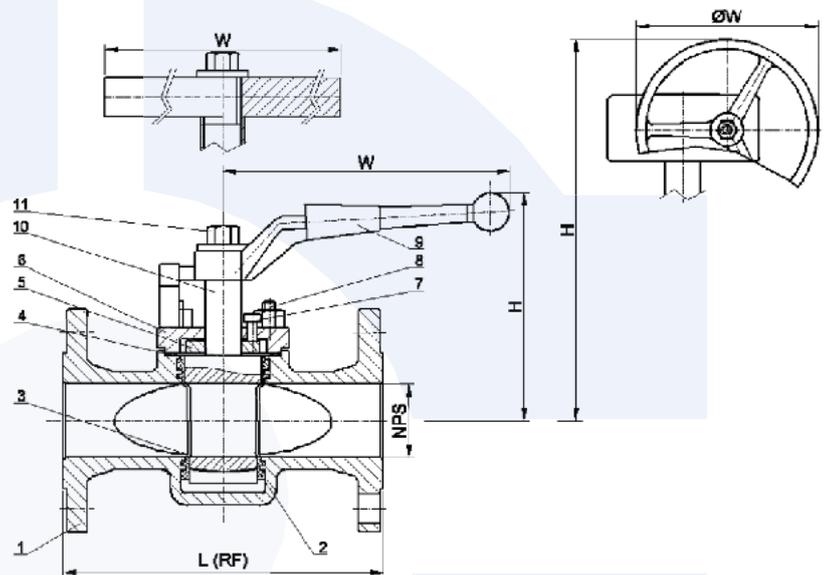
Bolted bonnet, Two-piece body  
Soft sealing, Blowout proof stem

ASME/API

#### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Sleeve (Seat Ring)	PTFE / RPTFE
3	Plug	WCB / A105
4	Gasket	Flexible Graphite / SS PTFE
5	Adjusting Gasket	A182 Gr. F6a
6	Cover	A216 Gr. WCB
7	Adjusting Bolt	A193 Gr. B7
8	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
9	Lever	A105 / A216 Gr. WCB
10	Stem	A182 Gr. F410
11	Locking Nut	Carbon Steel / SS



		DIMENSIONS														
Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L-RF	mm	108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
H	mm	110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
w	mm	175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight	kg	8,5	9,5	10,5	12	14	18	22	26	40	60	70	130	219	381	570

#### Alternative materials:

Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

#### Other material on request

Operator: lever up to 3", worm gear 4" and above

# PLUG VALVE

## Sleeved Type Soft Sealing Class 300

Type: **OMV-PLV-ST-CL 300**

ASME/API

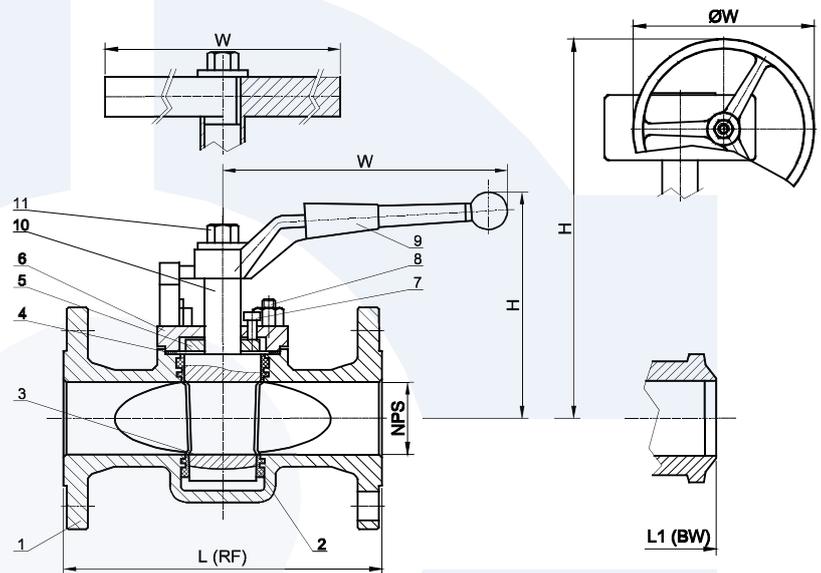
### Cast Steel Sleeved Type Soft Sealing Plug Valve Class 300

Bolted bonnet, Two-piece body  
Soft sealing, Blowout proof stem

### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Sleeve (Seat Ring)	PTFE / RPTFE
3	Plug	WCB / A105
4	Gasket	Flexible Graphite / SS PTFE
5	Adjusting Gasket	A182 Gr. F6a
6	Cover	A216 Gr. WCB
7	Adjusting Bolt	A193 Gr. B7
8	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
9	Lever	A105 / A216 Gr. WCB
10	Stem	A182 Gr. F410
11	Locking Nut	Carbon Steel / SS



		DIMENSIONS														
Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L-RF	mm	140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
L1-BW	mm	140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
H	mm	110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
w	mm	175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight	kg	9,5	10,5	12	14	16	20	24	29	53	75	85	185	230	390	550

### Alternative materials:

Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

### Other material on request

Operator: lever up to 3", worm gear 4" and above

# PLUG VALVE

## Sleeved Type Soft Sealing Class 600

Type: **OMV-PLV-ST-CL 600**

ASME/API

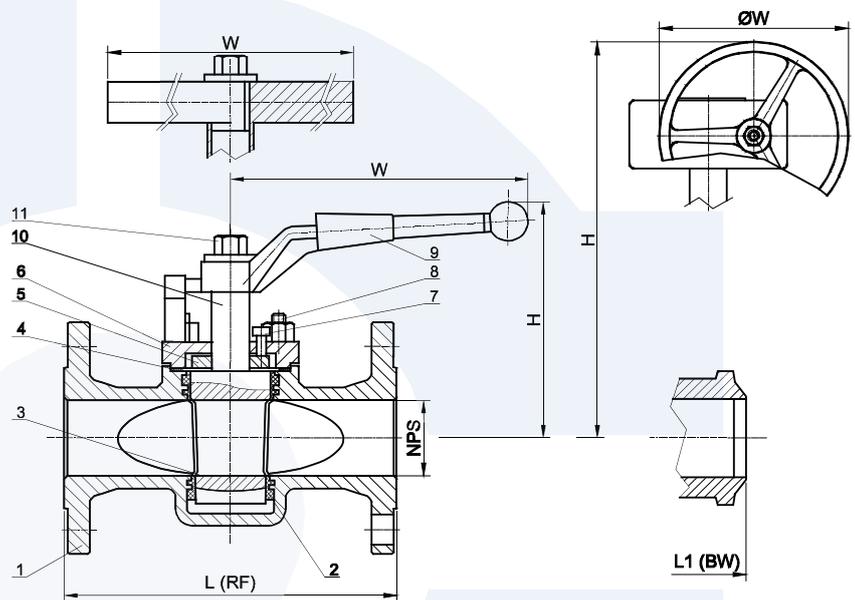
### Cast Steel Sleeved Type Soft Sealing Plug Valve Class 600

Bolted bonnet, Two-piece body  
Soft sealing, Blowout proof stem

### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Sleeve (Seat Ring)	PTFE / RPTFE
3	Plug	WCB / A105
4	Gasket	Flexible Graphite / SS PTFE
5	Adjusting Gasket	A182 Gr. F6a
6	Cover	A216 Gr. WCB
7	Adjusting Bolt	A193 Gr. B7
8	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
9	Lever	A105 / A216 Gr. WCB
10	Stem	A182 Gr. F410
11	Locking Nut	Carbon Steel / SS



### DIMENSIONS

Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L-RF	mm	165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
L1-BW	mm	165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H	mm	110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W	mm	175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight	kg	11	13	17	20	23	27	31	36	72	98	141	245	330	515	710

### Alternative materials:

Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

### Other material on request

Operator: lever up to 3", worm gear 4" and above

# PLUG VALVE

## Sleeved Type Soft Sealing Class 900

Type: **OMV-PLV-ST-CL 900**

ASME/API

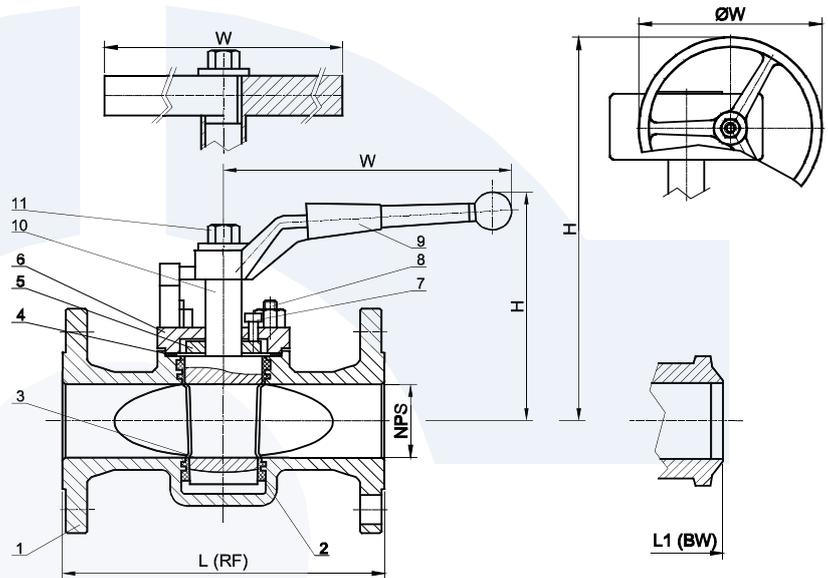
### Cast Steel Sleeved Type Soft Sealing Plug Valve Class 900

Bolted bonnet, Two-piece body  
Soft sealing, Blowout proof stem

### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr.WCB
2	Sleeve (Seat Ring)	PTFE / RPTFE
3	Plug	WCB / A105
4	Gasket	Flexible Graphite / SS PTFE
5	Adjusting Gasket	A182 Gr. F6a
6	Cover	A216 Gr. WCB
7	Adjusting Bolt	A193 Gr. B7
8	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
9	Lever	A105 / A216 Gr. WCB
10	Stem	A182 Gr. F410
11	Locking Nut	Carbon Steel / SS



### DIMENSIONS

Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L-RF	mm	229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
L1-BW	mm	229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H	mm	110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W	mm	175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight	kg	13	16	21	24	28	32	40	47	91	117	165	285	420	610	860

### Alternative materials:

Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8; A193 B8M, A194 2H, A194 8, A194 8M

### Other material on request

Operator: lever up to 3", worm gear 4" and above

# PLUG VALVE

## Inverted Type Pressure Balanced Lubricated Class 150

Type: **OMV-PLV-LT-CL 150**

ASME/API

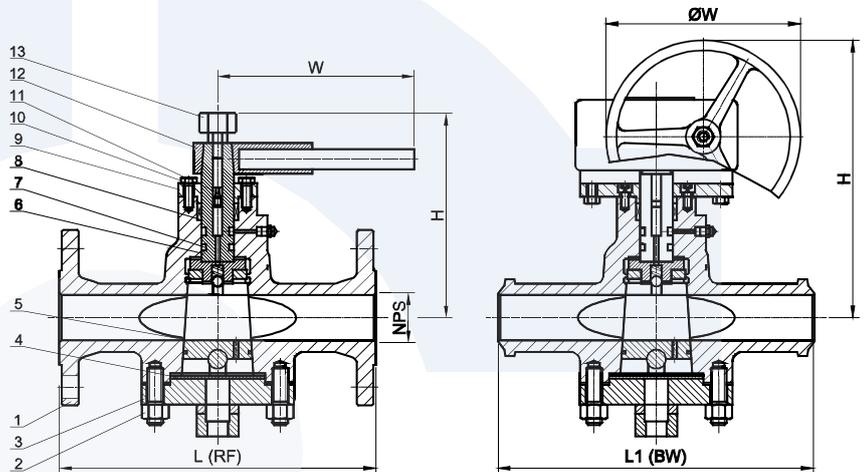
### Inverted Type Pressure Balanced Lubricated Plug Valve Class 150

Bolted cover, Two-piece body  
Oil groove to increase seal capability

#### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
3	Cover	A216 Gr. WCB
4	Gasket	Flexible Graphite / SS PTFE
5	Plug	F6a / F22
6	Stem	A182 Gr. F410 / SS
7	O Ring	NBR / FEP / SBR
8	Stem Packing	Flexible Graphite / SS PTFE
9	Gland Flange	A216 Gr. WCB
10	Bolt	A193 Gr. B7
11	Oil Nipple	A216 Gr. WCB
12	Check Valve	A216 Gr. WCB
13	Lever	A105 / A216 Gr. WCB



		DIMENSIONS														
Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L-RF	mm	108	117	127	140	165	178	190	203	229	254	267	292	330	356	686
L1-BW	mm	152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H	mm	180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W	mm	400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
Weight	kg	10	12	14	17	19	21	29	33	48	75	98	125	171	230	370

#### Alternative materials:

Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

#### Other material on request

Operator: lever up to 3", worm gear 4" and above

# PLUG VALVE

## Inverted Type Pressure Balanced Lubricated Class 300

Type: **OMV-PLV-LT-CL 300**

ASME/API

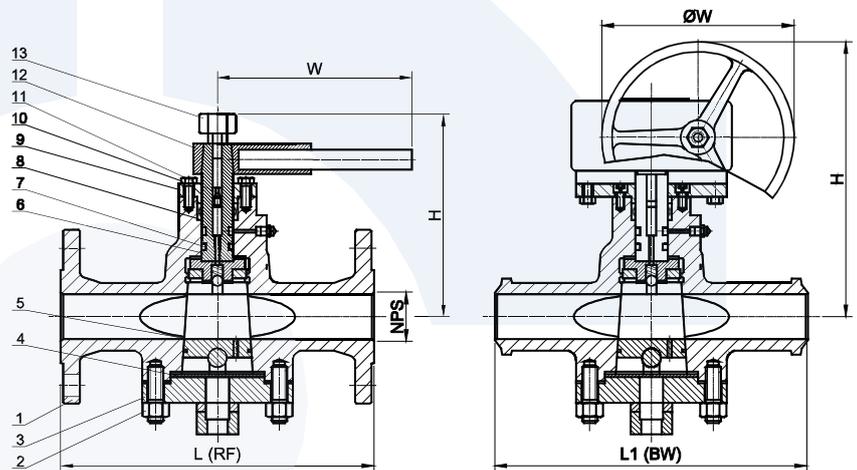
### Inverted Type Pressure Balanced Lubricated Plug Valve Class 300

Bolted cover, Two-piece body  
Oil groove to increase seal capability

#### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
3	Cover	A216 Gr. WCB
4	Gasket	Flexible Graphite / SS PTFE
5	Plug	F6a / F22
6	Stem	A182 Gr. F410 / SS
7	O Ring	NBR / FEP / SBR
8	Stem Packing	Flexible Graphite / SS PTFE
9	Gland Flange	A216 Gr. WCB
10	Bolt	A193 Gr. B7
11	Oil Nipple	A216 Gr. WCB
12	Check Valve	A216 Gr. WCB
13	Lever	A105 / A216 Gr. WCB



		DIMENSIONS														
Size	inch	1/2"	1/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L-RF	mm	140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
L1-BW	mm	152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H	mm	180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W	mm	400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
Weight	kg	12	14	16	19	21	24	31	36	61	86	130	190	225	380	560

#### Alternative materials:

Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

#### Other material on request

Operator: lever up to 3", worm gear 4" and above

# PLUG VALVE

## Inverted Type Pressure Balanced Lubricated Class 600

Type: **OMV-PLV-LT-CL 600**

ASME/API

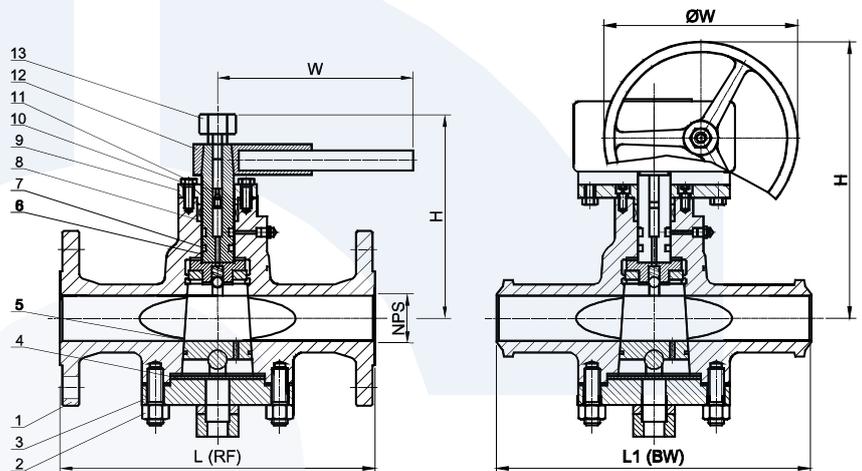
### Inverted Type Pressure Balanced Lubricated Plug Valve Class 600

Bolted cover, Two-piece body,  
Oil groove to increase seal capability

#### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item		Material
	Body	A216 Gr. WCB
2	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
3	Cover	A216 Gr. WCB
4	Gasket	Flexible Graphite / SS PTFE
5	Plug	F6a / F22
6	Stem	A182 Gr. F410 / SS
7	O Ring	NBR / FEP / SBR
8	Stem Packing	Flexible Graphite / SS PTFE
9	Gland Flange	A216 Gr. WCB
10	Bolt	A193 Gr. B7
11	Oil Nipple	A216 Gr. WCB
12	Check Valve	A216 Gr. WCB
13	Lever	A105 / A216 Gr. WCB



		DIMENSIONS														
Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L-RF	mm	165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
L <sub>1</sub> -BW	mm	165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H	mm	180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W	mm	400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
Weight	kg	14	16	18	20	24	29	35	47	91	129	210	320	660	920	1250

#### Alternative materials:

Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

#### Other material on request

Operator: lever up to 3", worm gear 4" and above

# PLUG VALVE

## Inverted Type Pressure Balanced Lubricated Class 900

Type: **OMV-PLV-LT-CL 900**

ASME/API

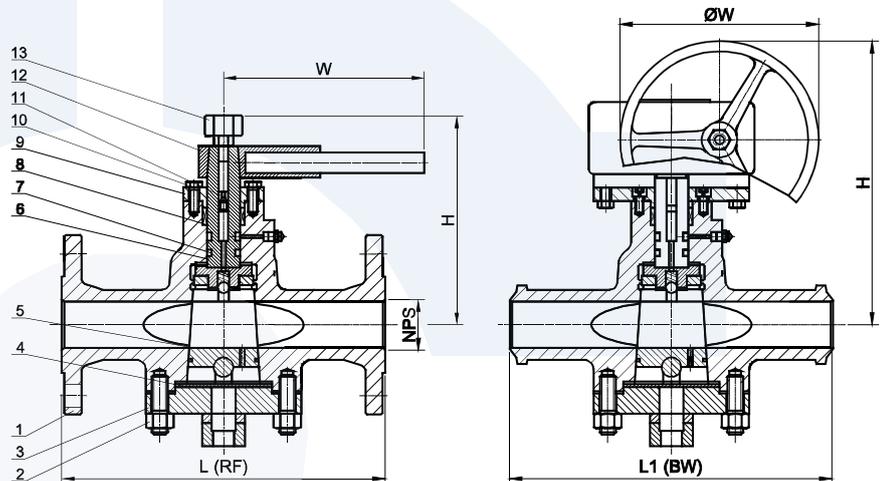
### Inverted Type Pressure Balanced Lubricated Plug Valve Class 900

Bolted cover, Two-piece body  
Oil groove to increase seal capability

#### Standard compliance

Design and manufacture: API 599, API 6D  
Face to face dimension: ASME B16.10  
Flange connection: acc. to ASME B16.5  
Butt welded end: ASME B16.25  
Test and inspection: API 598, API 6D

Item	Description Part name	Material
1	Body	A216 Gr. WCB
2	Bolt & Nut	A193 Gr. B7 / A194 Gr. 2H
3	Cover	A216 Gr. WCB
4	Gasket	Flexible Graphite / SS PTFE
5	Plug	F6a / F22
6	Stem	A182 Gr. F410 / SS
7	O Ring	NBR / FEP / SBR
8	Stem Packing	Flexible Graphite / SS PTFE
9	Gland Flange	A216 Gr. WCB
10	Bolt	A193 Gr. B7
11	Oil Nipple	A216 Gr. WCB
12	Check Valve	A216 Gr. WCB
13	Lever	A105 / A216 Gr. WCB



		DIMENSIONS															
Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	
L-RF	mm	229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029	
L1-BW	mm	229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029	
H	mm	180	180	185	200	210	215	250	270	300	340	365	400	450	510	590	
W	mm	400	400	500	500	600	600	820	820	300	300	320	320	350	380	380	
Weight	kg	17	19	21	24	30	37	44	65	110	160	255	380	810	1050	1460	

#### Alternative materials:

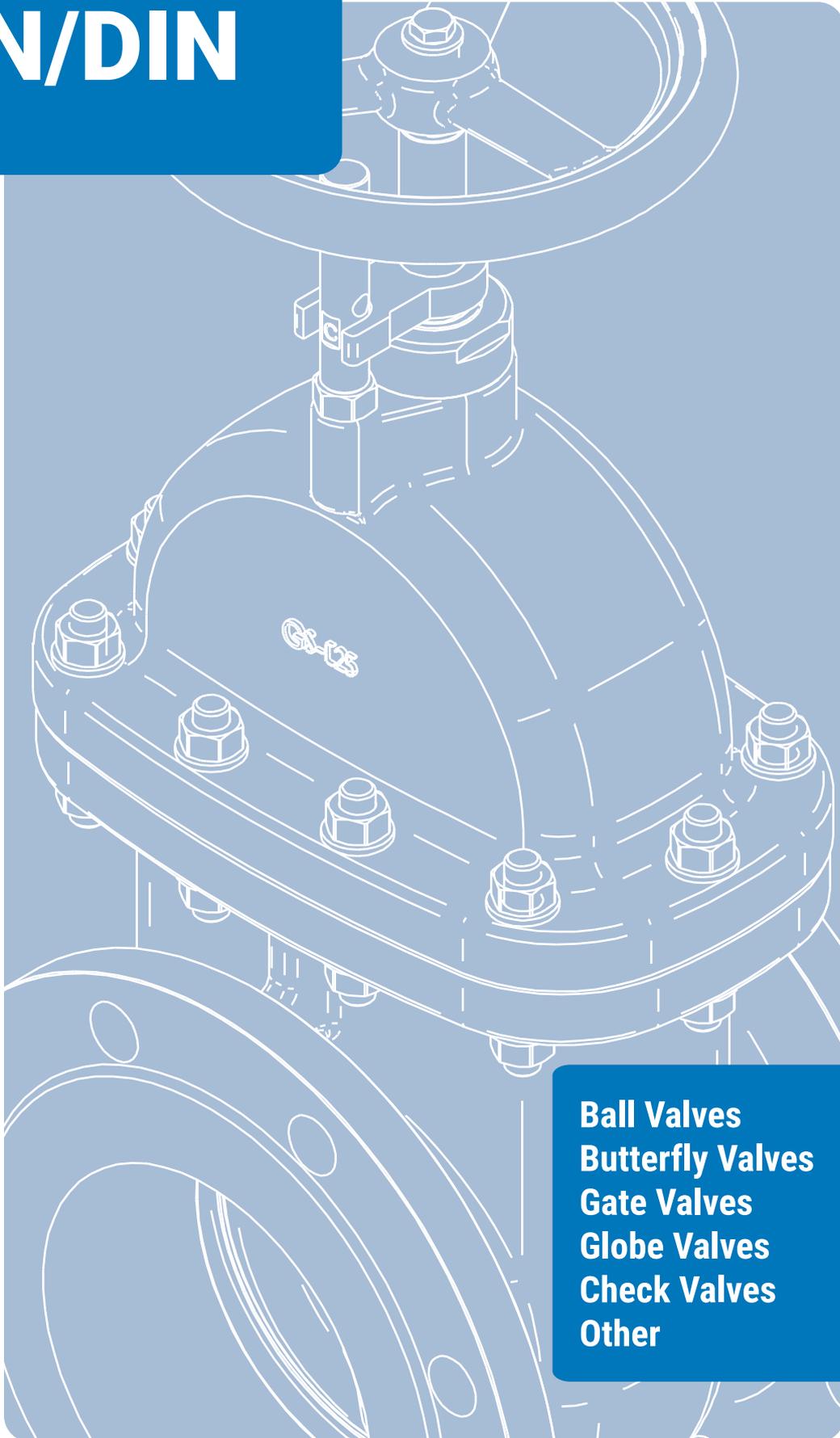
Body & Bonnet: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Gasket: Flexible Graphite, SS PTFE  
Plug: A351 CF8, A351 CF8M, A351 CF3, A351 CF3M  
Bolts & Nuts: A193 B7, A193 B8, A193 B8M, A194 2H, A194 8, A194 8M

#### Other material on request

Operator: lever up to 3", worm gear 4" and above



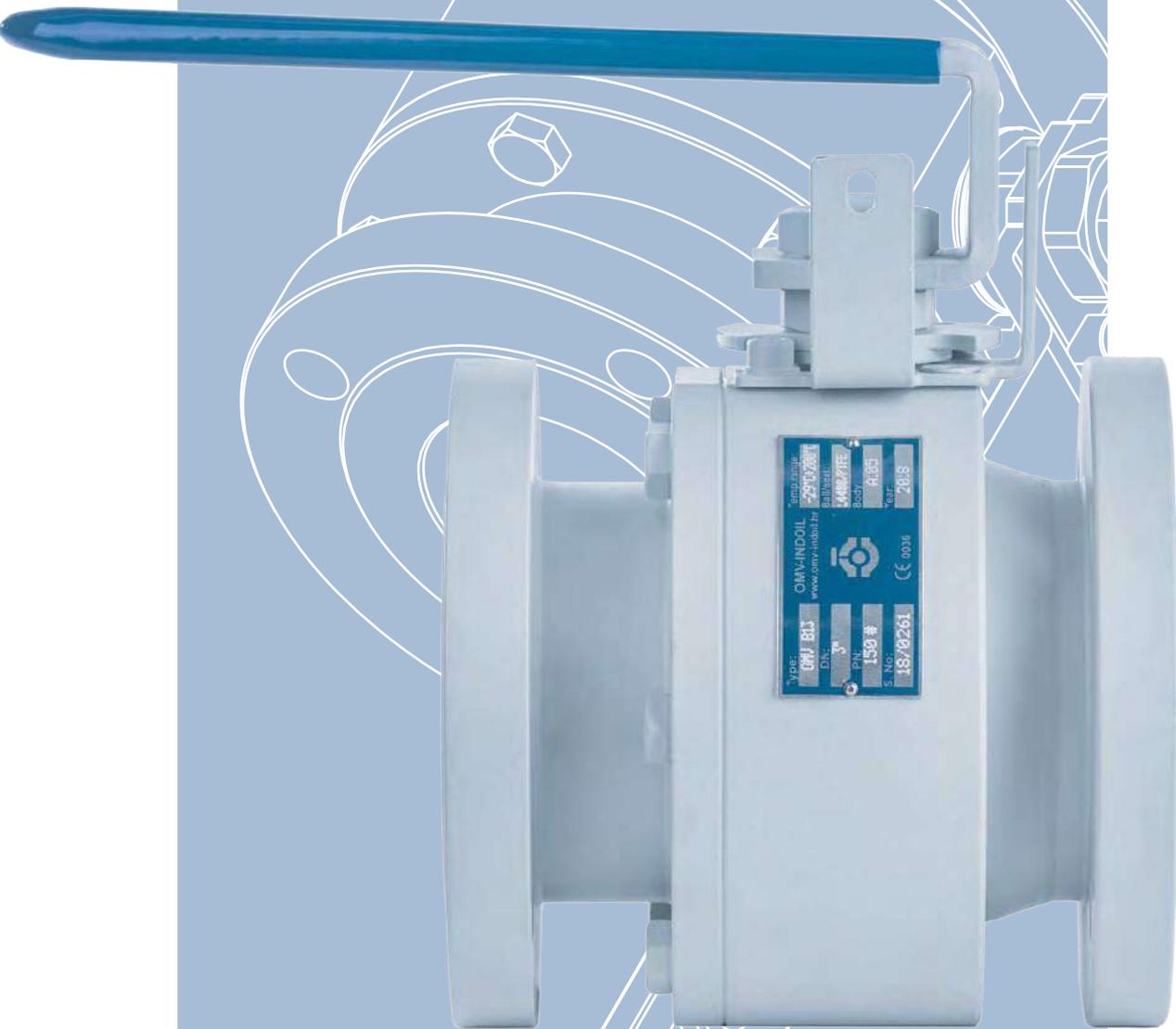
**EN/DIN**



**Ball Valves  
Butterfly Valves  
Gate Valves  
Globe Valves  
Check Valves  
Other**



# BALL VALVES



Type:	DMV-INDOIL	Temp range:	200/280
DN:	150 #	Ball seat:	440/215
PN:	18/10/261	Body:	AL05
		Temp:	261S
			CE 9036

# BALL VALVE

## 2-Piece Cast Steel Flanged PN 16

Type: **OMV-BAV-2P-C-PN 16**

EN/DIN

### Ball Valve Flanged PN 16

Ref. to OMV-B11

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

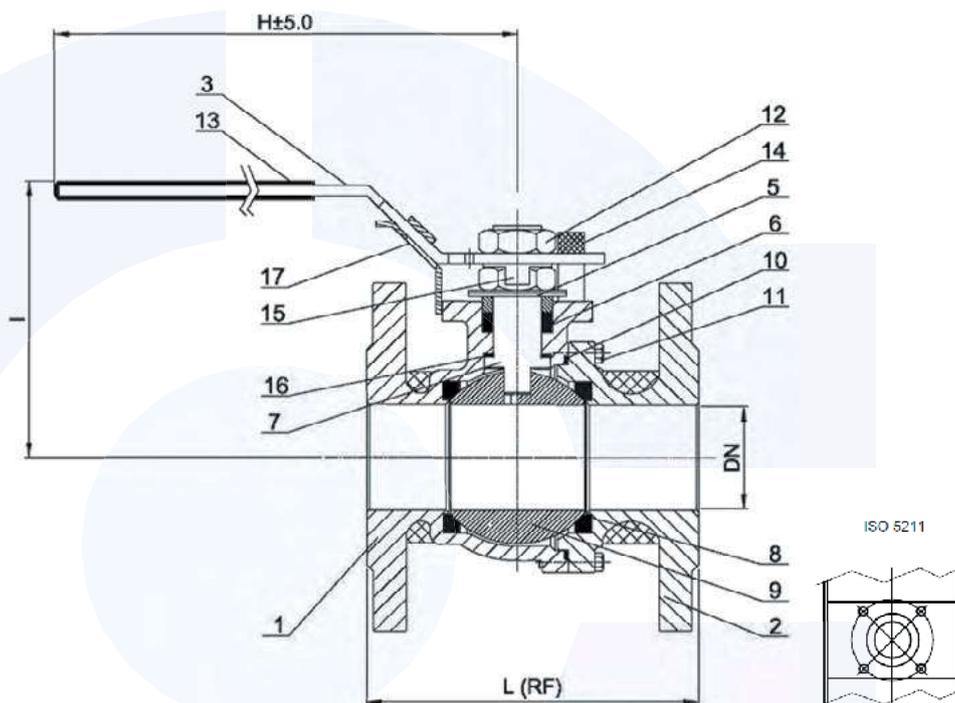
Face to face dimension: EN 558, series 1 (DIN 3202 / F1), series 14 (DIN 3202 / F4), series 15 (DIN3202/F5)

Flange connection: EN 1092-1

Test and inspection: EN 12266

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	GP240GH (1.0619); A216 Gr. WCB
2	Bonnet	GP240GH (1.0619); A216 Gr. WCB
3	Handle	1.4301
4	Gland ring	1.4301
5	Belleville disc	1.4301
6	Stem packing	PTFE
7	Stem	1.4401
8	Seat	PTFE
9	Ball	1.4408
10	Body seat	PTFE
11	Bolt	1.4301
12	Stem nut	1.4301
13	Handle sleeve	PVC
14	Stop pin	1.4301
15	Nut stopper	1.4301
16	Thrust washer	PTFE
17	Locking device (on request)	1.4301



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L-F4	mm	115	120	125	130	140	150	170	180	190	200	210	230	250	270
L-F5	mm	115	120	125	140	240	250	270	280	300	325	350	400	450	500
L-F1	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850
I	mm	86	92	106	114	116	136	150	185	200	215	250	290	gear operation	
H	mm	163	163	174	174	214	275	275	372	372	372	585	585	gear operation	
Weight kg	cast-F4/F5	2,6	3,3	4,7	6,4	7,8	13,5	17	22	30	40	52	75	-	
	cast-F1	2,8	3,7	5,2	7,2	8,9	16,5	21	25	37	55	85	175	-	

### Alternative materials:

Body & Bonnet: 1.1156,1.7354,1.7380,1.4408

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258,1.7225, 1.7711, 1.4301

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Cast Steel Flanged PN 40

Type: **OMV-BAV-2P-C-PN 40**

EN/DIN

### Ball Valve Flanged PN 40

Ref. to OMV-B11

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

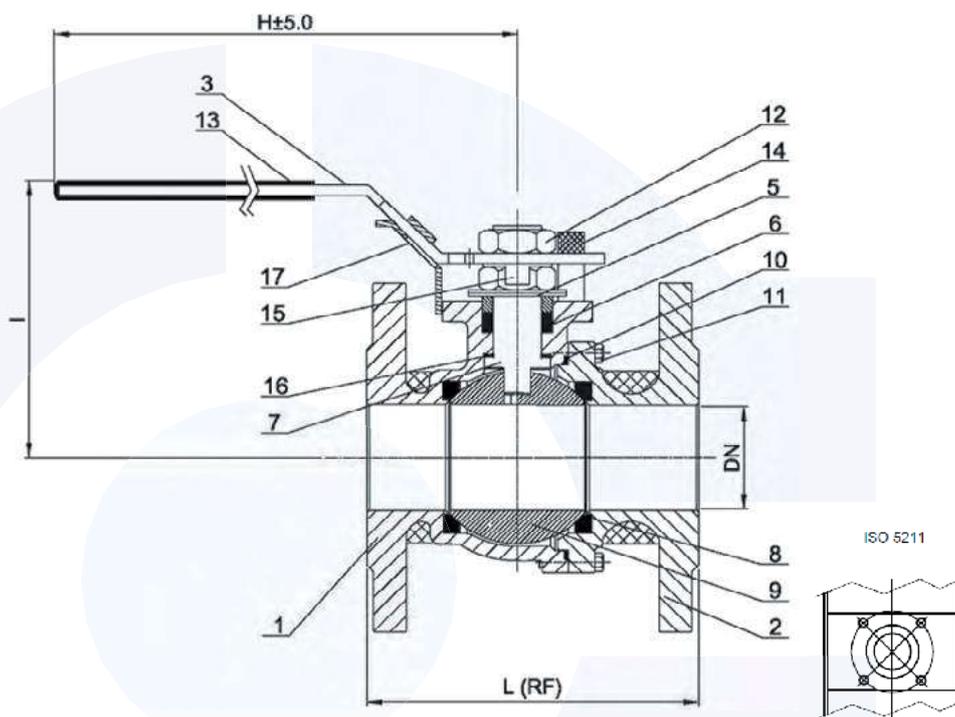
Face to face dimension: EN 558, series 1 (DIN 3202 / F1), series 14 (DIN 3202 / F4), series 15 (DIN3202/F5)

Flange connection: EN 1092-1

Test and inspection: EN 12266

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	GP240GH (1.0619); A216 Gr. WCB
2	Bonnet	GP240GH (1.0619); A216 Gr. WCB
3	Handle	1.4301
4	Gland ring	1.4301
5	Belleville disc	1.4301
6	Stem packing	PTFE
7	Stem	1.4401
8	Seat	PTFE
9	Ball	1.4408
10	Body seat	PTFE
11	Bolt	1.4301
12	Stem nut	1.4301
13	Handle sleeve	PVC
14	Stop pin	1.4301
15	Nut stopper	1.4301
16	Thrust washer	PTFE
17	Locking device (on request)	1.4301



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L-F4	mm	115	120	125	130	140	150	170	180	190	200	210	230	250	270
L-F5	mm	115	120	125	140	240	250	270	280	300	325	350	400	450	500
L-F1	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850
I	mm	86	92	106	114	116	136	150	185	200	215	250	290	gear operation	
H	mm	163	163	174	174	214	275	275	372	372	372	585	585	gear operation	
Weight kg	cast-F4/F5	2,6	3,3	4,7	6,4	7,8	13,5	18	23	33	45	56	80	-	
	cast-F1	2,8	3,7	5,2	7,2	8,9	16,5	22	27	40	60	95	195	-	

### Alternative materials:

Body & Bonnet: 1.1156,1.7354,1.7380,1.4408

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258,1.7225,1.7711,1.4301

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged PN 16

Type: **OMV-BAV-2P-F-PN 16**

EN/DIN

### Ball Valve Flanged PN 16

Ref. to OMV-B11

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

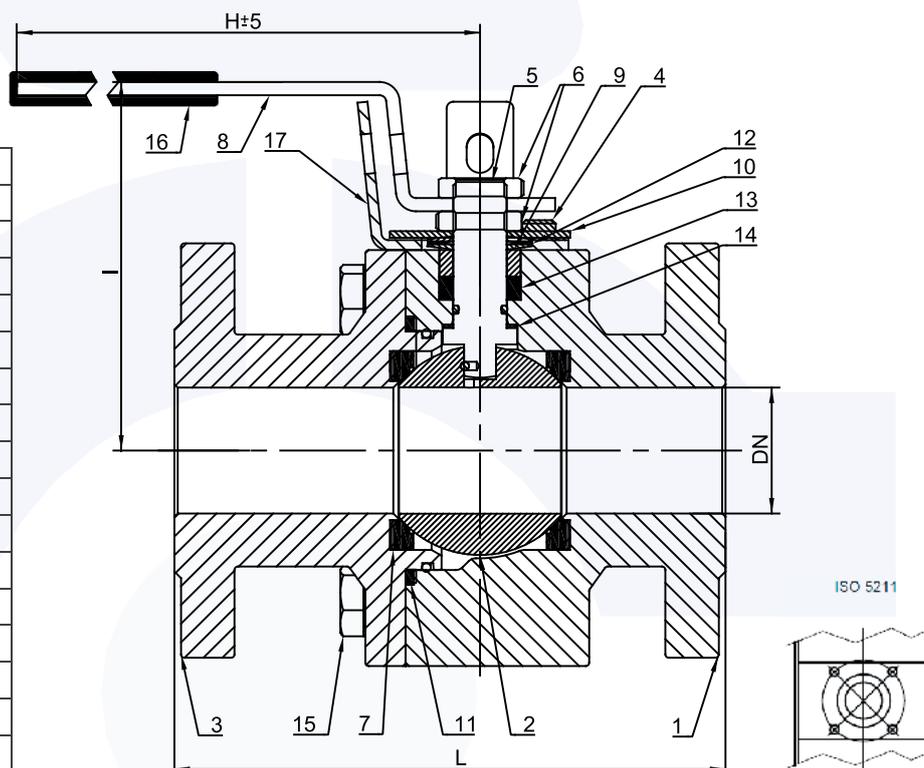
Face to face dimension: EN 558, series 1 (DIN 3202 / F1), series 14 (DIN 3202 / F4)

Flange connection: EN 1092-1

Test and inspection: EN 12266

Top flange acc. to: ISO 5211

1	Body	A105 / LF2
2	Ball	1.4408
3	Bonnet	A105 / LF2
4	Stop pin	1.4301
5	Stem	1.4401
6	Stem nut	1.4301
7	Seat	PTFE
8	Handle	1.4301, 1.4401
9	Gland ring	1.4301
10	Stop plate	1.4301
11	Body seal	PTFE
12	Belleville disc	1.4301
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	1.4301
16	Handle sleeve	PVC
17	Locking device (on request)	1.4301



		DIMENSIONS											
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200
L-F4	mm	115	120	125	130	140	150	170	180	190	200	210	230
L-F1	mm	130	150	160	180	200	230	290	310	350	400	480	600
l	mm	92	104	118	122	127	156	165	190	200	215	249	288
H	mm	160	160	175	210	210	275	275	370	370	370	585	585
Weight kg	bar-F4	2,7	4,1	6,1	7	12	14	22	23	36	44	58	85
	bar-F1	2,9	4,8	6,9	8	15	18	29	32	49	65	100	205

### Alternative materials:

Body & Bonnet: A105, 1.4401, 1.4404, 1.7380

Ball: 1.4408, 1.4401

Metal parts: 1.4301, 1.4401, 1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258, 1.7225, 1.7711, 1.4301

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged PN 40

Type: **OMV-BAV-2P-F-PN 40**

EN/DIN

### Ball Valve Flanged PN 40

Ref. to OMV-B11

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

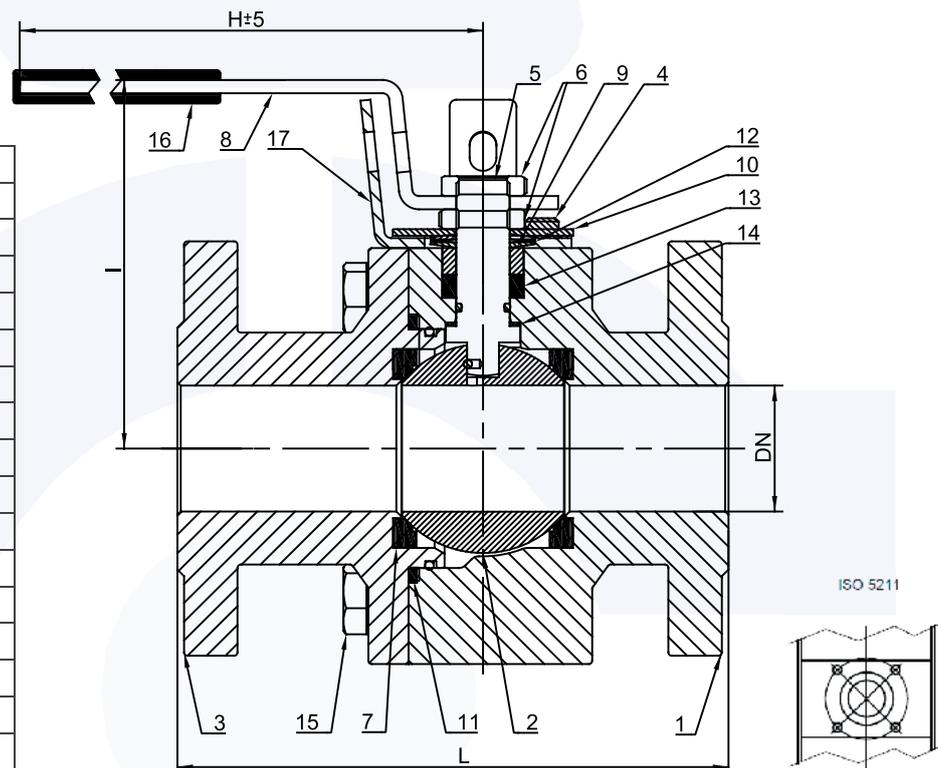
Face to face dimension: EN 558, series 1 (DIN 3202 / F1); series 14 (DIN 3202 / F4)

Flange connection: EN 1092-1

Test and inspection: EN 12266

Top flange acc. to: ISO 5211

1	Body	A105 / LF2
2	Ball	1.4408
3	Bonnet	A105 / LF2
4	Stop pin	1.4301
5	Stem	1.4401
6	Stem nut	1.4301
7	Seat	PTFE
8	Handle	1.4301, 1.4401
9	Gland ring	1.4301
10	Stop plate	1.4301
11	Body seal	PTFE
12	Belleville disc	1.4301
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	1.4301
16	Handle sleeve	PVC
17	Locking device (on request)	1.4301



		DIMENSIONS											
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200
L-F4	mm	115	120	125	130	140	150	170	180	190	200	210	230
L-F1	mm	130	150	160	180	200	230	290	310	350	400	480	600
l	mm	92	104	118	122	127	156	165	190	200	215	249	288
H	mm	163	163	174	174	214	275	275	372	372	372	585	585
Weight kg	bar-F4	2,7	4,1	6,1	7	12	14	22	23	38	50	62	90
	bar-F1	2,9	4,8	6,9	8	15	18	29	32	51	65	105	295

### Alternative materials:

Body & Bonnet: A105, 1.4401, 1.4404, 1.7380

Ball: 1.4408, 1.4401

Metal parts: 1.4301, 1.4401, 1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258, 1.7225, 1.7711, 1.4301

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE



## 2-Piece Forged Steel Flanged PN 63

Type: **OMV-BAV-2P-F-PN 63**

EN/DIN

### Ball Valve Flanged PN 63

Ref. to OMV-B11

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

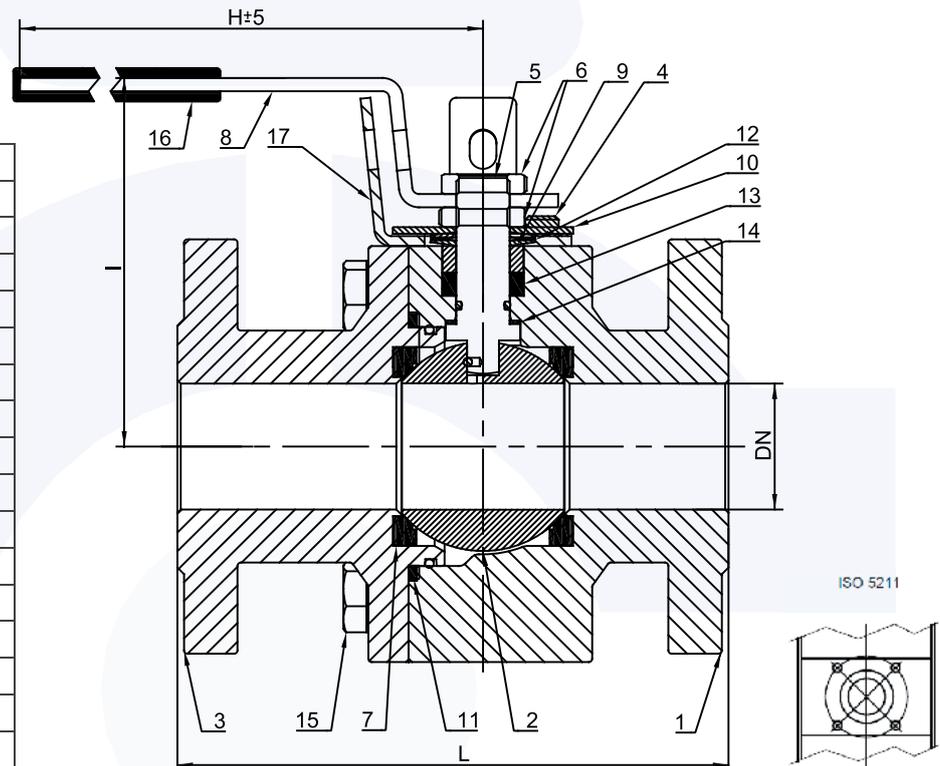
Face to face dimension: EN 558, series 1 (DIN 3202 / F1), series 14 (DIN 3202 / F4)

Flange connection: EN 1092-1

Test and inspection: EN 12266

Top flange acc. to: ISO 5211

1	Body	A105 / LF2
2	Ball	1.4408
3	Bonnet	A105 / LF2
4	Stop pin	1.4301
5	Stem	1.4401
6	Stem nut	1.4301
7	Seat	PTFE
8	Handle	1.4301, 1.4401
9	Gland ring	1.4301
10	Stop plate	1.4301
11	Body seal	PTFE
12	Belleville disc	1.4301
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	1.4301
16	Handle sleeve	PVC
17	Locking device (on request)	1.4301



		DIMENSIONS										
Size	DN	15	20	25	32	40	50	65	80	100	125	150
L-F4	mm	115	120	125	130	140	150	170	180	190	200	210
L-F1	mm	130	150	160	180	200	230	290	310	350	400	480
I	mm	92	104	118	122	127	156	165	190	200	215	250
H	mm	163	163	174	210	210	275	275	372	372	372	600
Weight kg	bar-F4	2,7	4,1	6,1	7	12	15	23	24	38	50	93
	bar-F1	2,9	4,8	6,9	8	15	18	29	32	51	65	119

### Alternative materials:

Body & Bonnet: A105, 1.4401, 1.4404, 1.7380

Ball: 1.4408, 1.4401

Metal parts: 1.4301, 1.4401, 1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258, 1.7225, 1.7711, 1.4301

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece Forged Steel Flanged PN 100

Type: **OMV-BAV-2P-F-PN100**

EN/DIN

### Ball Valve Flanged PN 100

Ref. to OMV-B11

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

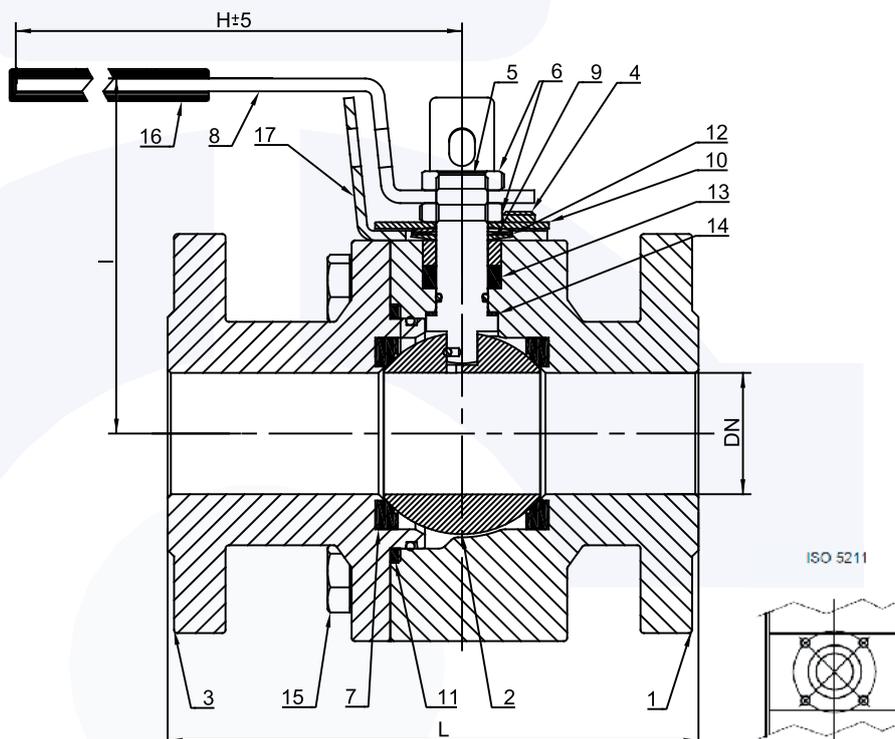
Face to face dimension: EN 558, series 1 (DIN 3202 / F1), series 14 (DIN 3202 / F4)

Flange connection: EN 1092-1

Test and inspection: EN 12266

Top flange acc. to: ISO 5211

1	Body	A105 / LF2
2	Ball	1.4408
3	Bonnet	A105 / LF2
4	Stop pin	1.4301
5	Stem	1.4401
6	Stem nut	1.4301
7	Seat	PTFE
8	Handle	1.4301, 1.4401
9	Gland ring	1.4301
10	Stop plate	1.4301
11	Body seal	PTFE
12	Belleville disc	1.4301
13	Stem packing	PTFE
14	Thrust washer	PTFE
15	Bolt	1.4301
16	Handle sleeve	PVC
17	Locking device (on request)	1.4301



		DIMENSIONS											
Size	DN	15	20	25	32	40	50	65	80	100	125	150	
L-F4	mm	115	120	125	130	140	150	170	180	190	200	210	
L-F1	mm	130	150	160	180	200	230	290	310	350	400	480	
I	mm	92	104	118	122	128	156	190	215	235	250	270	
H	mm	163	163	175	230	275	280	320	380	450	600	600	
Weight kg	bar-F4	5	7,5	9	13	17	24	33	44	70	82	120	
	bar-F1	5,2	8,2	9,7	14	20	27	39	52	83	97	145	

### Alternative materials:

Body & Bonnet: A105, 1.4401, 1.4404, 1.7380

Ball: 1.4408, 1.4401

Metal parts: 1.4301, 1.4401, 1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258, 1.7225, 1.7711, 1.4301

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-Piece F/F Threaded PN 40/63/130

Type: **OMV-BAV-2P-F/F-PN 40/63/130**

EN/DIN

### Ball Valve 2-piece PN 40/63/130

Ref. to OMV-B9

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

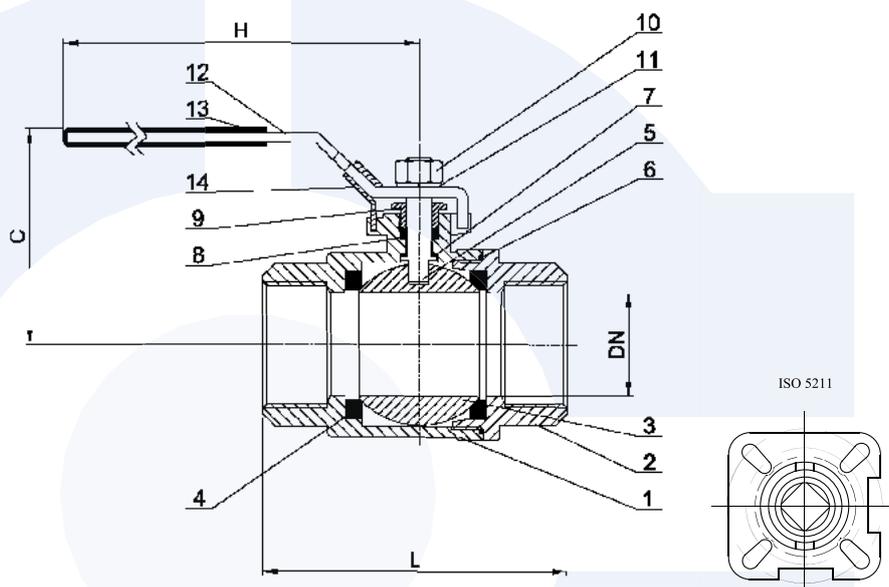
Face to face dimension acc. to catalogue (DIN 3202 M3)

Nominal pressure: for dimensions from DN 10 to DN 25 is PN 130, for dimensions from DN 32 to DN 50 is PN 63, and for dimension from DN 65 to DN 80 is PN40

Threaded end: FEMALE THREAD NPT or BSPT, or ISO 288

Test and inspection: EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH(1.0619)
2	Bonnet	GP240GH(1.0619)
3	Ball	1.4408
4	Seat	15% - RPTFE
5	Stem	1.4401
6	Body seat	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland nut	1.4301
10	Stem nut	1.4301
11	Stem washer	1.4301
12	Handle	1.4301
13	Handle sleeve	PVC
14	Locking device (on request)	1.4301



		DIMENSIONS									
Size	DN	10	15	20	25	32	40	50	65	80	
L	mm	60	75	80	90	110	120	140	185	205	
C	mm	54,5	57	67,5	72,5	84,3	96,5	102,5	140	156	
H	mm	105	105	125	153	153	190	190	255	255	
Weight	kg	0,30	0,40	0,60	0,95	1,45	2,64	3,35	7,45	11,45	

### Alternative materials:

Body & Bonnet: 1.1156,1.7354,1.7380,1.4408

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 2-piece M/F Threaded PN 40/63/130

Type: **OMV-BAV-2P-M/F-PN 40/63/130**

EN/DIN

### Ball Valve 2-piece PN 40/63/130

Ref. to OMV-B10

Bolted bonnet, antistatic and blowout proof stem

#### Standard compliance

Design and manufacture: EN12516-2

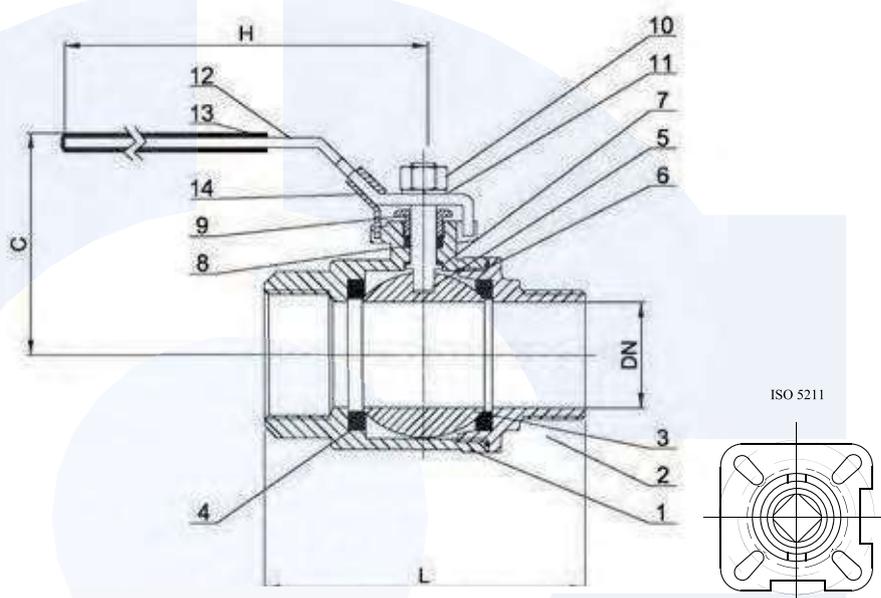
Face to face dimension acc. to catalogue

Nominal pressure: for dimensions from DN 10 to DN 25 is PN 130, for dimensions from DN 32 to DN 50 is PN 63, and for dimension from DN 65 to DN 80 is PN40

Threaded end: FEMALE THREAD NPT or BSPT, or ISO 288

Test and inspection: EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH(1.0619)
2	Bonnet	GP240GH(1.0619)
3	Ball	1.4408
4	Seat	15% - RPTFE
5	Stem	1.4401
6	Body seat	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland nut	1.4301
10	Stem nut	1.4301
11	Stem washer	1.4301
12	Handle	1.4301
13	Handle sleeve	PVC
14	Locking device (on request)	1.4301



		DIMENSIONS									
Size	DN	10	15	20	25	32	40	50	65	80	
L	mm	60,5	82,7	91,1	101,5	122,5	130,9	146,8	201,1	220,1	
C	mm	54,5	57	67,5	72,5	84,3	96,5	102,5	140	156	
H	mm	105	105	125	153	153	190	190	255	255	
Weight	kg	0,35	0,45	0,65	1,1	1,6	2,85	3,70	7,95	12	

#### Alternative materials:

Body & Bonnet: 1.1156,1.7354,1.7380,1.4408

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

#### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 3-piece BW PN 40/63

Type: **OMV-BAV-3P-BW-PN 40/63**

EN/DIN

### Ball Valve 3-piece BW PN 40/63

Ref. to OMV-B5

Bolted bonnet, antistatic and blowout proof stem

### Standard compliance

Design and manufacture: EN12516-2

Face to face dimension acc. to catalogue (DIN 3202 S13)

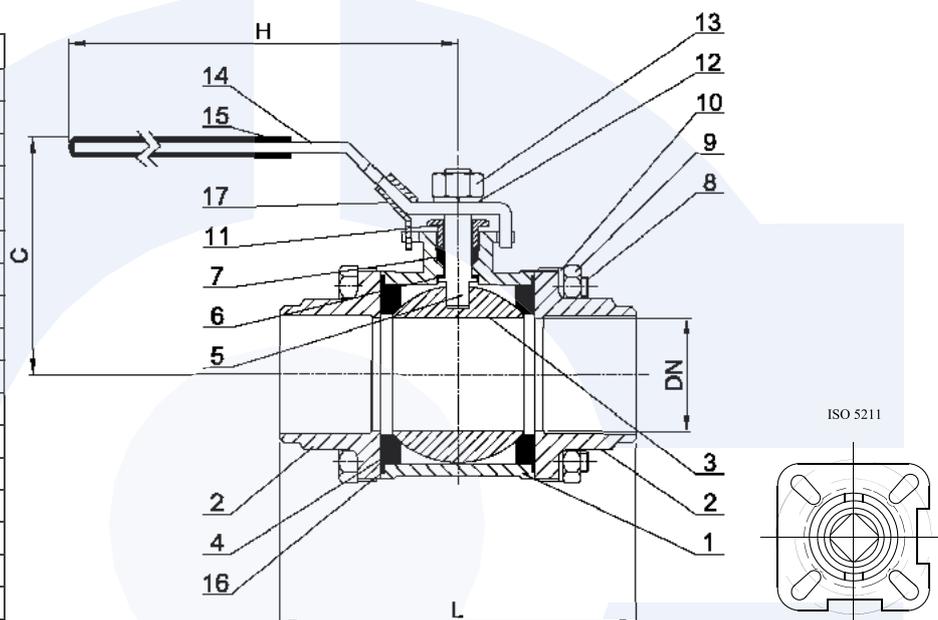
Nominal pressure: for dimensions from DN 10 to DN 40 is PN 63

and for dimensions from DN 50 to DN 100 is PN 40

Butt welding end: EN 12627, ISO 1127

Test and inspection: EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH (1.0619)
2	Bonnet	GP240GH (1.0619)
3	Ball	1.4408
4	Seat	15% - RPTFE
5	Stem	1.4401
6	Thrust washer	PTFE
7	Stem packing	PTFE
8	Bolt	1.4301
9	Hex nut	1.4301
10	Bolt washer	1.4301
11	Gland nut	1.4301
12	Stem washer	1.4301
13	Stem nut	1.4301
14	Handle	1.4301
15	Handle sleeve	PVC
16	Body seat	PTFE
17	Locking device (on request)	1.4301



Size	DN	DIMENSIONS									
		10	15	20	25	32	40	50	65	80	100
L	mm	70	75	90	100	110	125	150	190	220	270
C	mm	51	61	66	78	82	95	104	148	155	184
H	mm	105	105	125	152	152	191	191	255	255	290
Weight	kg	0,40	0,61	0,65	1,11	1,70	2,42	3,59	7,85	10,8	20,9

### Alternative materials:

Body & Bonnet: 1.1156,1.7354,1.7380,1.4408

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258,1.7225,1.7711,1.4301

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE



## 3-piece F/F PN 40/63

Type: **OMV-BAV-3P-F/F-PN 40/63**

EN/DIN

### Ball Valve 3-piece F/F PN 40/63

Ref. to OMV-B4

Bolted bonnet, antistatic and blowout proof stem

#### Standard compliance

Design and manufacture: EN12516-2

Face to face dimension acc. to catalogue (DIN 3202 M3)

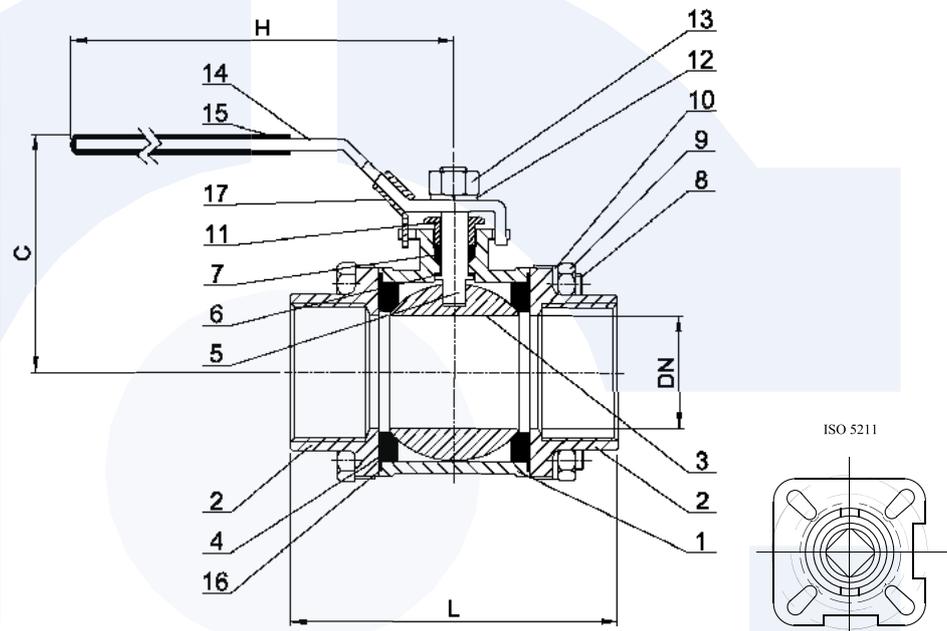
Nominal pressure: for dimensions from DN 10 to DN 40 is PN 63

and for dimensions from DN 50 to DN 100 is PN 40

Threaded end: FEMALE THREADED NPT, or BSPT, or ISO-288

Test and inspection: EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH (1.0619)
2	Bonnet	GP240GH (1.0619)
3	Ball	1.4408
4	Seat	15% - RPTFE
5	Stem	1.4401
6	Thrust washer	PTFE
7	Stem packing	PTFE
8	Bolt	1.4301
9	Hex nut	1.4301
10	Bolt washer	1.4301
11	Gland nut	1.4301
12	Stem washer	1.4301
13	Stem nut	1.4301
14	Handle	1.4301
15	Handle sleeve	PVC
16	Body seat	PTFE
17	Locking device (on request)	1.4301



		DIMENSIONS									
Size	DN	10	15	20	25	32	40	50	65	80	100
L	mm	60	75	80	90	110	120	140	185	205	240
C	mm	51	61	66	78	82	95	104	148	155	184
H	mm	105	105	125	152	152	191	191	255	255	290
Weight	kg	0,45	0,60	0,71	1,08	1,70	2,48	3,45	8,05	10,3	20,2

#### Alternative materials:

Body & Bonnet: 1.1156,1.7354,1.7380,1.4408

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4310

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Bolts & Nuts: 1.7258,1.7225,1.7711,1.4301

#### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## 3-piece SW PN 40/63

Type: **OMV-BAV-3P-SW-PN 40/63**

EN/DIN

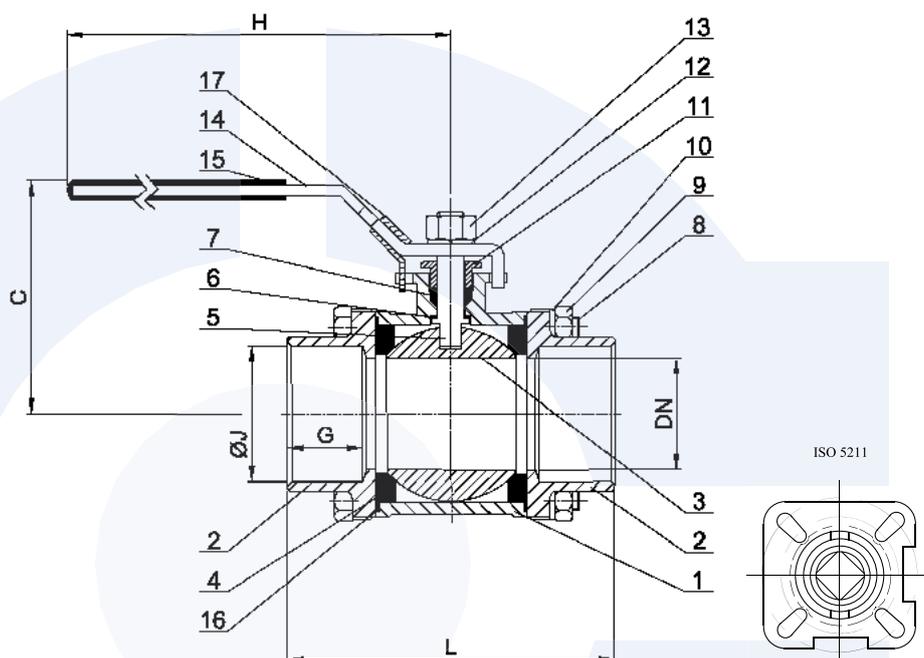
### Ball Valve 3-piece SW PN 40/63

Ref. to OMV-B6  
Bolted bonnet, antistatic and blowout proof stem

#### Standard compliance

Design and manufacture: EN12516-2  
Face to face dimension acc. to catalogue (DIN 3202 M3)  
Nominal pressure: for dimensions from DN 10 to DN 40 is PN 63  
and for dimensions from DN 50 to DN 100 is PN 40  
Socket welding end: EN 12760  
Test and inspection: EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH (1.0619)
2	Bonnet	GP240GH (1.0619)
3	Ball	1.4408
4	Seat	15% - RPTFE
5	Stem	1.4401
6	Thrust washer	PTFE
7	Stem packing	PTFE
8	Bolt	1.4301
9	Hex nut	1.4301
10	Bolt washer	1.4301
11	Gland nut	1.4301
12	Stem washer	1.4301
13	Stem nut	1.4301
14	Handle	1.4301
15	Handle sleeve	PVC
16	Body seat	PTFE
17	Locking device (on request)	1.4301



		DIMENSIONS									
Size	DN	10	15	20	25	32	40	50	65	80	100
L	mm	60	75	80	90	110	120	140	185	205	240
C	mm	51	61	66	78	82	95	104	148	155	184
H	mm	105	105	125	152	152	191	191	255	255	290
ØJ	mm	18	22	27,3	34,1	42,8	48,9	61,4	77,1	90	116
G	mm	10	10	13	13	13	13	16	16	16	20
Weight	kg	0,45	0,60	0,71	1,08	1,70	2,48	3,45	8,05	10,3	20,2

#### Alternative materials:

Body & Bonnet: 1.1156,1.7354,1.7380,1.4408  
Ball: 1.4408,1.4401  
Metal parts: 1.4301,1.4401,1.4310  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Bolts & Nuts: 1.7258,1.7225,1.7711,1.4301

#### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Monoblock PN 16



Type: **OMV-BAV-MB-PN 16**

EN/DIN

### Ball Valve Monoblock PN 16

Threaded bonnet, antistatic and blowout proof stem  
Fire safe

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

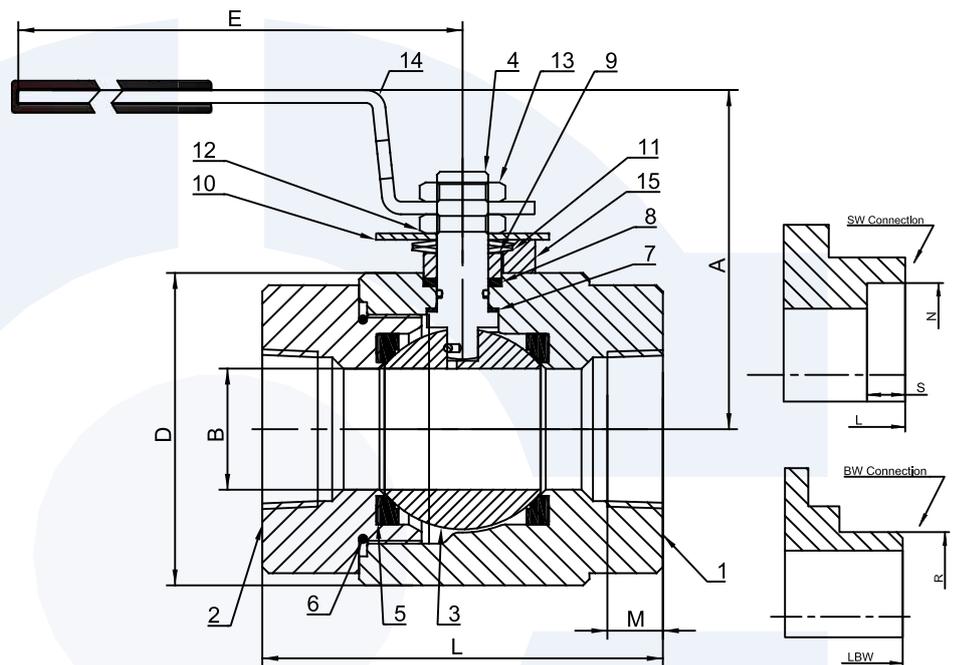
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE DN	A	B	D	E	L	LBW	M	N	S	R	Weight, kg
8	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
10	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
15	75	15	50	148	75	105	15	22	9,53	21,3	0,93
20	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
25	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
32	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
40	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
50	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
65	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
80	145	73	150	380	205	280	33,3	90	15,88	88,9	17
100	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: 1.4401, A105

Ball: 1.4408, 1.4401, A105

Metal parts: 1.4301, 1.4401, 1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Other material on request

# BALL VALVE

## Monoblock PN 40



Type: **OMV-BAV-MB-PN 40**

EN/DIN

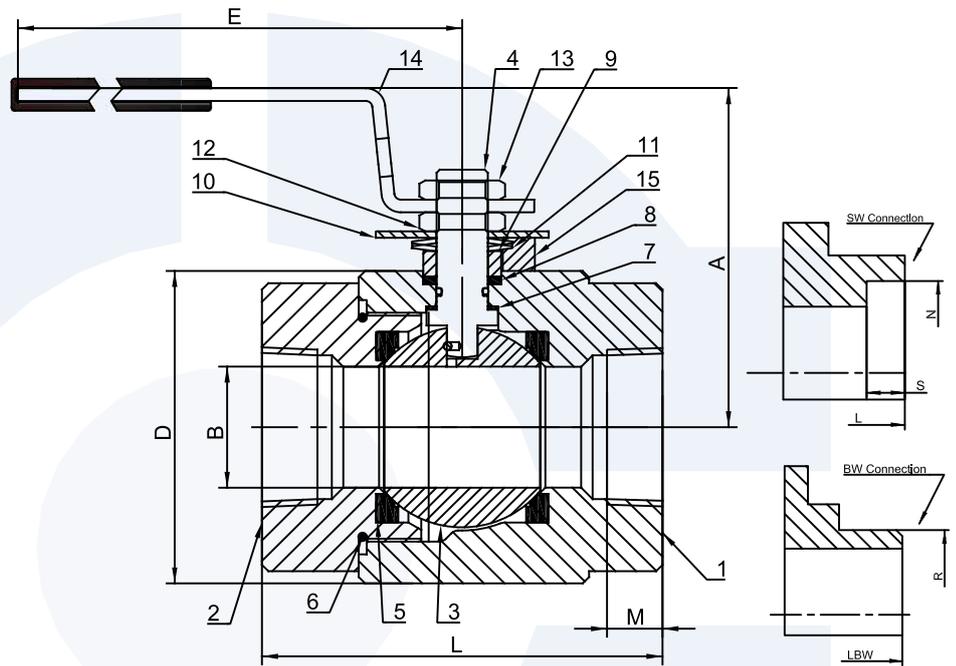
### Ball Valve Monoblock PN 40

Threaded bonnet, antistatic and blowout proof stem  
Fire safe

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34  
Face to face dimension: acc. to catalogue  
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228  
Butt welding end: ASME B16.25  
Socket welding end: ASME B16.11  
Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE DN	A	B	D	E	L	LBW	M	N	S	R	Weight, kg
8	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
10	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
15	75	15	50	148	75	105	15	22	9,53	21,3	0,93
20	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
25	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
32	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
40	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
50	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
65	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
80	145	73	150	380	205	280	33,3	90	15,88	88,9	17
100	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: 1.4401, A105

Ball: 1.4408, 1.4401, A105

Metal parts: 1.4301, 1.4401, 1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

# BALL VALVE

## Monoblock PN 63



Type: **OMV-BAV-MB-PN 63**

### Ball Valve Monoblock PN 63

Threaded bonnet, antistatic and blowout proof stem  
Fire safe

EN/DIN

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

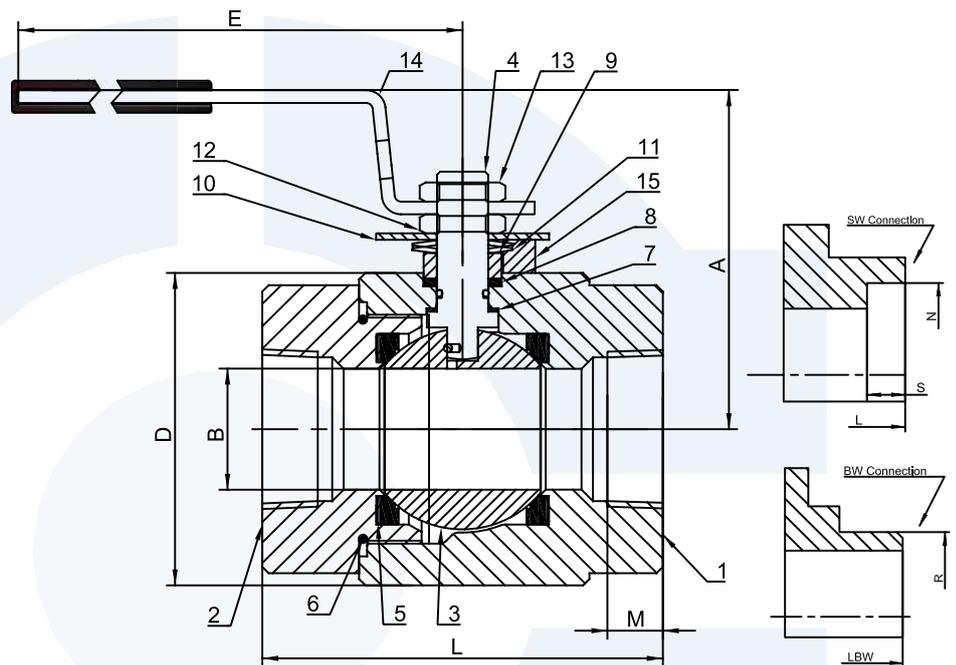
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE DN	A	B	D	E	L	LBW	M	N	S	R	Weight, kg
8	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
10	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
15	75	15	50	148	75	105	15	22	9,53	21,3	0,93
20	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
25	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
32	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
40	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
50	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
65	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
80	145	73	150	380	205	280	33,3	90	15,88	88,9	17
100	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: 1.4401, A105

Ball: 1.4408, 1.4401, A105

Metal parts: 1.4301, 1.4401, 1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

# BALL VALVE

## Monoblock PN 100

Type: **OMV-BAV-MB-PN100**

### Ball Valve Monoblock PN 100

Threaded bonnet, antistatic and blowout proof stem

Fire safe

EN/DIN

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

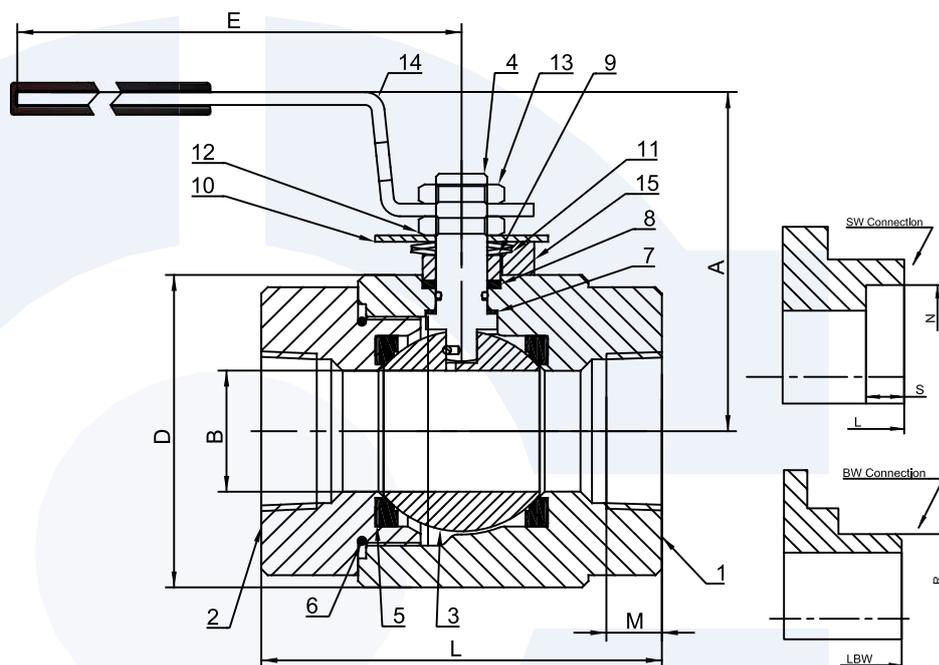
Threaded end: ANSI B1.1, B1.20.1; DIN 2999; ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE DN	A	B	D	E	L	LBW	M	N	S	R	Weight, kg
8	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
10	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
15	75	15	50	148	75	105	15	22	9,53	21,3	0,93
20	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
25	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
32	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
40	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
50	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
65	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
80	145	73	150	380	205	280	33,3	90	15,88	88,9	17
100	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: 1.4401, A105

Ball: 1.4408, 1.4401, A105

Metal parts: 1.4301, 1.4401, 1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

**Other material on request**

# BALL VALVE

## Monoblock PN 120

Type: **OMV-BAV-MB-PN120**

### Ball Valve Monoblock PN 120

Threaded bonnet, antistatic and blowout proof stem

Fire safe

EN/DIN

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

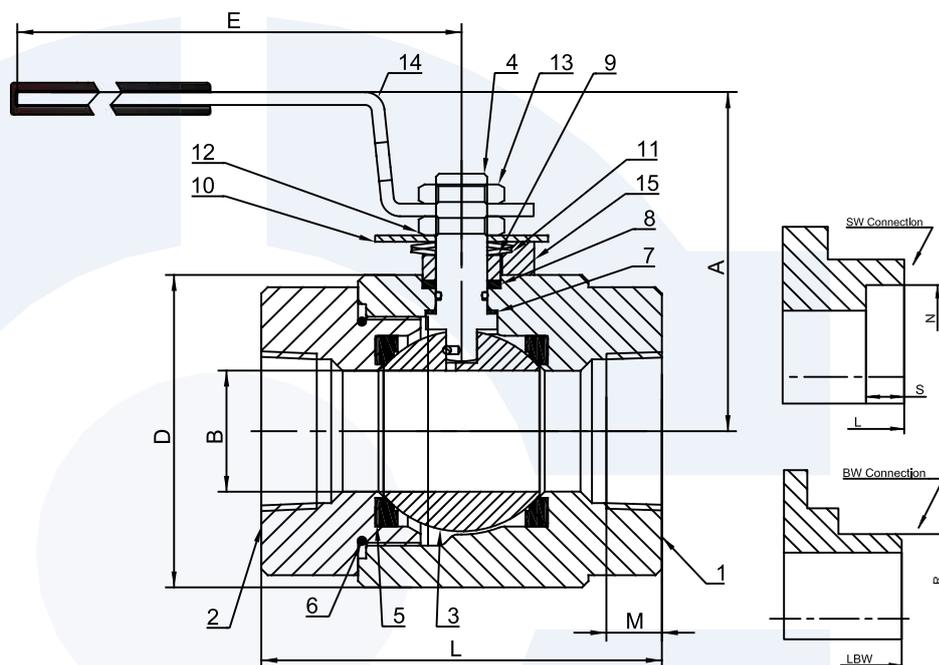
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE DN	A	B	D	E	L	LBW	M	N	S	R	Weight, kg
8	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
10	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
15	75	15	50	148	75	105	15	22	9,53	21,3	0,93
20	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
25	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
32	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
40	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
50	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
65	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
80	145	73	150	380	205	280	33,3	90	15,88	88,9	17
100	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: 1.4401, A105

Ball: 1.4408, 1.4401, A105

Metal parts: 1.4301, 1.4401, 1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

**Other material on request**

# BALL VALVE

## Monoblock PN 160

Type: **OMV-BAV-MB-PN160**

EN/DIN

### Ball Valve Monoblock PN 160

Threaded bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

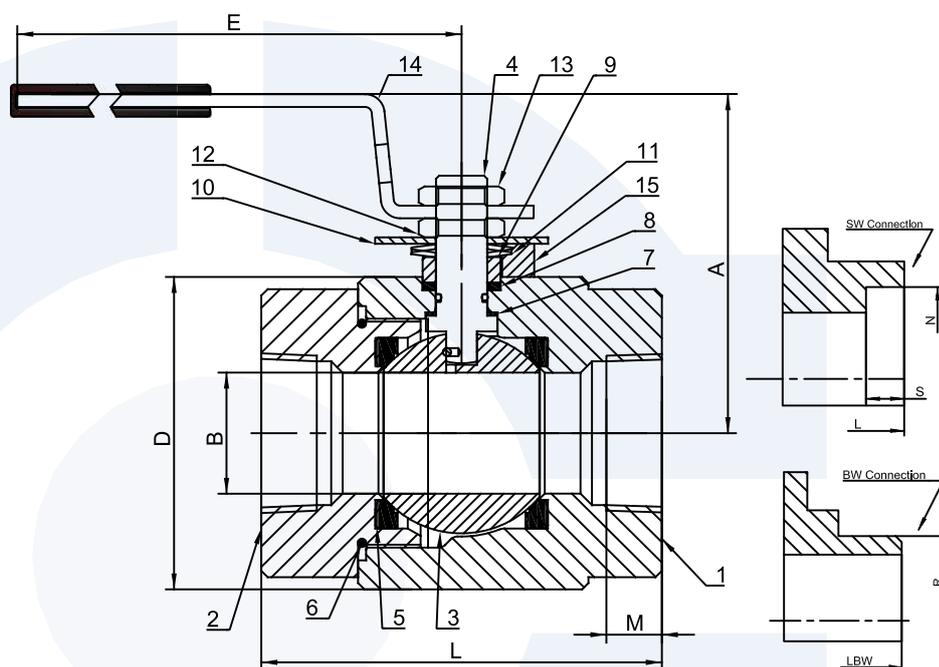
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE DN	A	B	D	E	L	LBW	M	N	S	R	Weight, kg
8	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
10	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
15	75	15	50	148	75	105	15	22	9,53	21,3	0,93
20	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
25	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
32	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
40	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
50	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
65	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
80	145	73	150	380	205	280	33,3	90	15,88	88,9	17
100	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: 1.4401, A105

Ball: 1.4408, 1.4401, A105

Metal parts: 1.4301, 1.4401, 1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

# BALL VALVE

## Monoblock PN 210

Type: **OMV-BAV-MB-PN210**

### Ball Valve Monoblock PN 210

Threaded bonnet, antistatic and blowout proof stem

Fire safe

EN/DIN

### Standard compliance

Design and manufacture: EN12516-2, ASME B16.34

Face to face dimension: acc. to catalogue

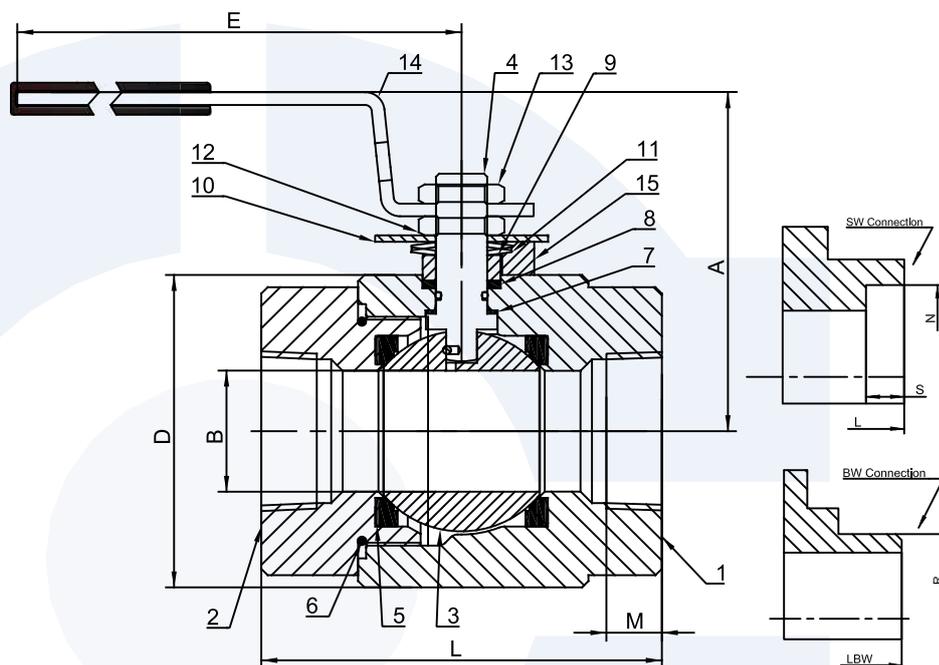
Threaded end: ANSI B1.1, B1.20.1, DIN 2999, ISO 228

Butt welding end: ASME B16.25

Socket welding end: ASME B16.11

Test and inspection: EN 12266, DIN 3230T3, API 598, API 6D

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seal	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland washer	Stainless steel
10	Stop plate	Stainless steel
11	Belleville washer	50CrV4
12	Nut stopper	Carbon steel / Stainless steel
13	Stem nut	Carbon steel / Stainless steel
14	Lever	Carbon steel / Stainless steel
15	Pin	Stainless steel



### DIMENSIONS

SIZE DN	A	B	D	E	L	LBW	M	N	S	R	Weight kg
8	72	10	42	148	67	95	11	14,3	9,53	13,7	0,61
10	72	10	42	148	67	95	11,4	17,8	9,53	17,2	0,615
15	75	15	50	148	75	105	15	22	9,53	21,3	0,93
20	85	20	60	180	90	125	16,3	27,3	12,7	26,7	1,55
25	95	25	68	180	105	140	19,1	34	12,7	33,4	2,265
32	100	30	81	240	120	160	21,4	42,8	12,7	42,2	3,3
40	105	38	94	240	135	180	21,4	48,9	12,7	48,3	4,85
50	115	48	105	280	155	220	25,7	61,4	15,88	60,3	6,49
65	130	65	130	380	190	250	30,2	73,81	15,22	73,1	13
80	145	73	150	380	205	280	33,3	90	15,88	88,9	17
100	200	94	185	470	230	330	39,3	115,7	19,1	114,3	24

### Alternative materials:

Body & Bonnet: 1.4401, A105

Ball: 1.4408, 1.4401, A105

Metal parts: 1.4301, 1.4401, 1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK, PEEK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Other material on request

# BALL VALVE

## Wafer Type PN 16

Type: **OMV-BAV-WAF-B3-PN 16**

EN/DIN

### Ball Valve Wafer PN 16

Ref. to OMV-B3

Threaded bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

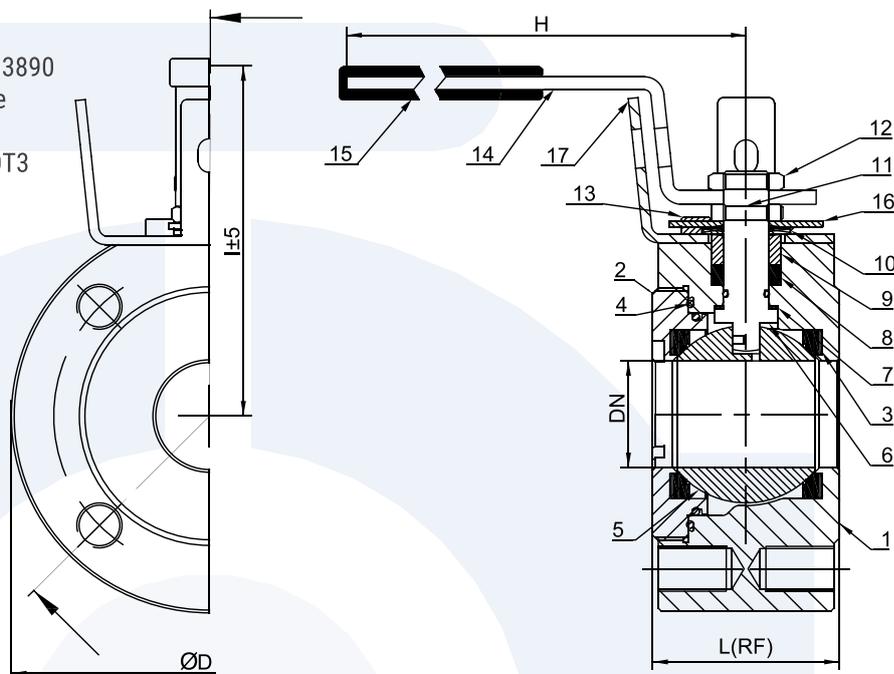
Design and manufacture: EN12516-2, DIN3890

Face to face dimension: acc. to catalogue

Flange connection: EN 1092, DIN2501

Test and inspection: EN 12266, DIN 3230T3

Item	Description Part name	Material
1	Body	GP240GH (1.0619)
2	Bonnet	GP240GH (1.0619)
3	Seat	PTFE
4	Dody seal	PTFE
5	Ball	1.4408
6	Stem	1.4401
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland ring	1.4301
10	Belleville disc	1.4301
11	Nut stopper	1.4301
12	Stem nut	1.4301
13	Stop pin	1.4301
14	Handle	1.4301
15	Handle sleeve	PVC
16	Stop plate	1.4301
17	Locking device (on request)	1.4301



NOTE:  
connection can be:



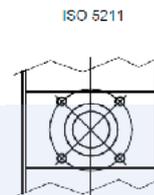
LUG



thread through



passing hole



		DIMENSIONS								
Size	DN	15	20	25	32	40	50	65	80	100
L-RF	mm	38	43	46	55	66	83	108	126	154
ØD	mm	95	105	115	130	140	150	180	200	220
l	mm	87	94	106	116	120	147	162	178	192
H	mm	160	160	173	210	210	275	275	370	370
Weight	kg	2,1	2,5	3	5,2	6,5	10,7	15,6	21,2	31,5

### Alternative materials:

Body & Bonnet: P250GH(1.0460),1.4404,1.4401, RG5

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type PN 40

Type: **OMV-BAV-WAF-B3-PN 40**

EN/DIN

### Ball Valve Wafer PN 40

Ref. to OMV-B3

Threaded bonnet, antistatic and blowout proof stem

Fire safe

### Standard compliance

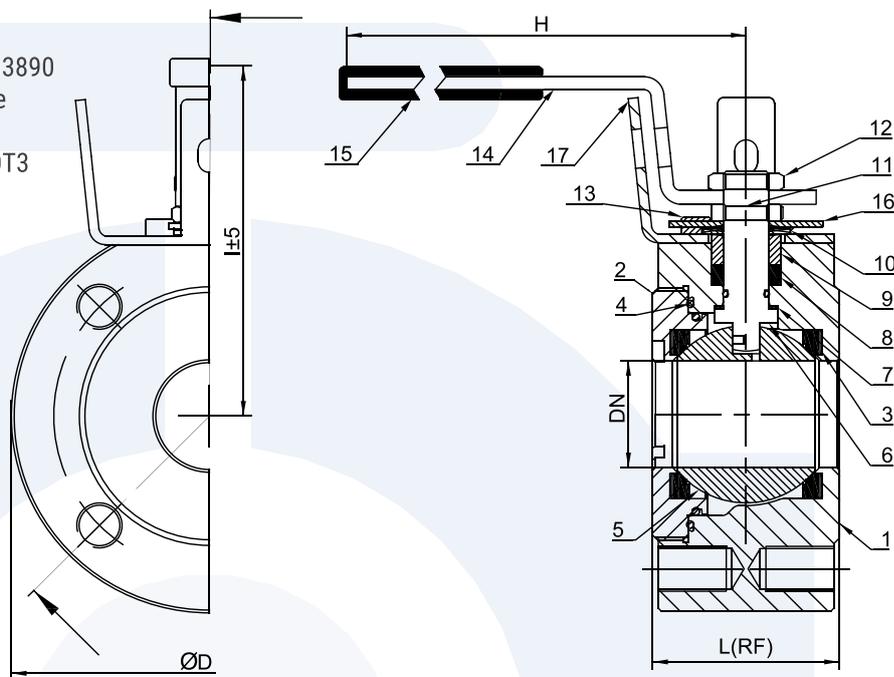
Design and manufacture: EN12516-2, DIN3890

Face to face dimension: acc. to catalogue

Flange connection: EN 1092, DIN2501

Test and inspection: EN 12266, DIN 3230T3

Item	Description Part name	Material
1	Body	GP240GH (1.0619)
2	Bonnet	GP240GH (1.0619)
3	Seat	PTFE
4	Dody seal	PTFE
5	Ball	1.4408
6	Stem	1.4401
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland ring	1.4301
10	Belleville disc	1.4301
11	Nut stopper	1.4301
12	Stem nut	1.4301
13	Stop pin	1.4301
14	Handle	1.4301
15	Handle sleeve	PVC
16	Stop plate	1.4301
17	Locking device (on request)	1.4301



NOTE:  
connection can be:



LUG

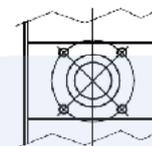


thread through



passing hole

ISO 5211



		DIMENSIONS								
Size	DN	15	20	25	32	40	50	65	80	100
L-RF	mm	38	43	46	55	66	83	108	126	154
ØD	mm	95	105	115	130	140	150	180	200	220
I	mm	87	94	106	116	120	147	162	178	192
H	mm	160	160	173	210	210	275	275	370	370
Weight	kg	2,1	2,5	3	5,2	6,5	10,7	15,6	21,2	31,5

### Alternative materials:

Body & Bonnet: P250GH(1.0460),1.4404,1.4401, RG5

Ball: 1.4408,1.4401

Metal parts: 1.4301,1.4401,1.4404

Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK

Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type High Performance PN 16

Type: **OMV-BAV-WAF-HP-PN 16**

EN/DIN

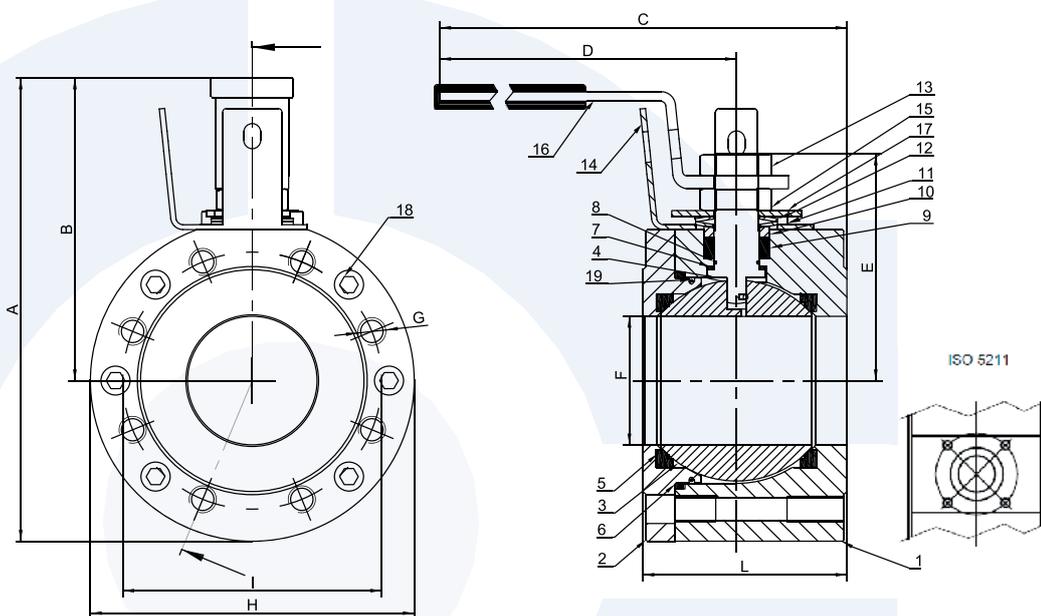
### Ball Valve Wafer PN 16

Bolted bonnet, antistatic and blowout proof stem  
Two-piece body, Floating ball, Fire safe

### Standard compliance

Design and manufacture: EN12516-2, DIN3890  
Face to face dimension: acc. to catalogue  
Fire safe: API 607, BS 6755  
Flange connection: EN 1092, DIN2501  
Test and inspection: EN 12266, DIN 3230T3  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seat	PTFE
7	Thrust washer	PTFE
8	O-ring	VITON
9	Stem packing	PTFE
10	Gland washer	1.4301
11	Stop pin	1.4301
12	Belleville washers	50CrV4
13	Stem nut	1.4301
14	Locking device(on request)	1.4301
15	Stem nut	1.4301
16	Handle	1.4301
17	Stop plate	1.4301
18	Locking screw	1.4301
19	External Body seat	Graphite



DIMENSIONS, mm

SIZE	A	B	C	D	E	F	G	HOLES N°	H	I	L	Weight, kg
DN15	97	52	166,5	140	42	13	M12	4	90	65	53	2,1
DN20	105	55	166,5	140	45	19	M12	4	100	75	53	2,4
DN25	123	68	179	150	53	25	M12	4	110	85	58	3,5
DN32	138	73	182,5	150	58	32	M16	4	130	100	65	5,2
DN40	163	93	230	200	72	38	M16	4	140	110	79	7,5
DN50	199	117	273	230	94,5	49,5	M16	4	165	125	85	11
DN65	232	139	372	320	122,5	65	M16	4	185	145	103	17,5
DN80	249	149	381	320	132,5	78	M16	8	200	160	122	22,8
DN100	277	167	448	370	148,5	96	M16	8	220	180	155	34,5
DN125	309	181	455	370	166,5	118	M16	8	255	210	185	51,22
DN150	388	241	500	395	197,5	144	M20	8	295	240	235	80,96
DN200	458	276	829	674	232,5	192	M20	12	365	295	315	177,06

### Alternative materials:

Body & Bonnet: 1.4301, 1.4401, 1.4404, A105, LF2  
Ball: 1.4301, 1.4401, 1.4404  
Metal parts: 1.4301, 1.4401, 1.4404  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type High Performance PN 40

Type: **OMV-BAV-WAF-HP-PN 40**

EN/DIN

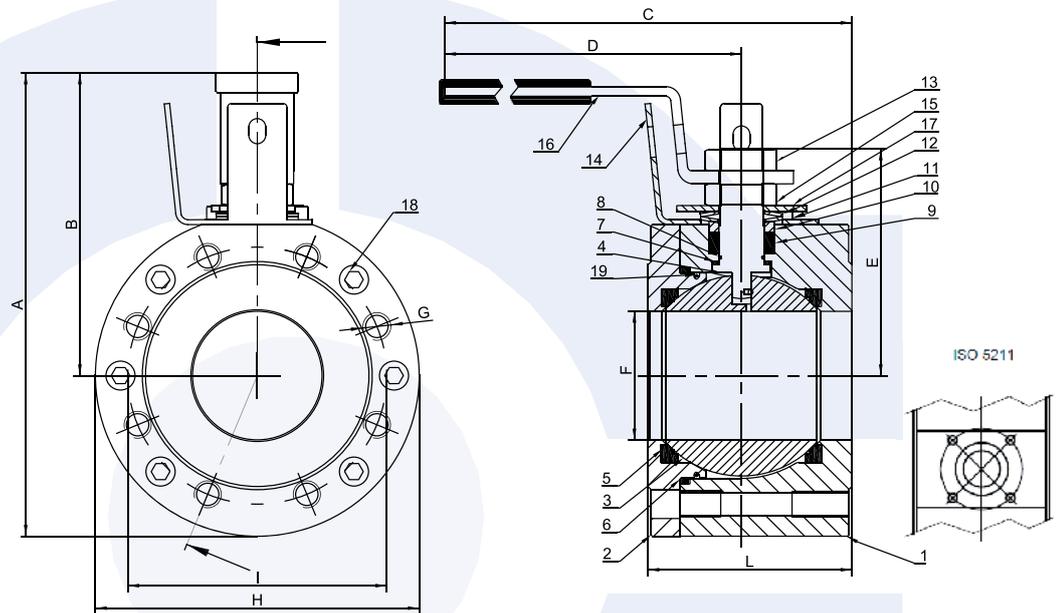
### Ball Valve Wafer PN 40

Bolted bonnet, antistatic and blowout proof stem  
Two-piece body, Floating ball, Fire safe

### Standard compliance

Design and manufacture: EN12516-2, DIN3890  
Face to face dimension: acc. to catalogue  
Fire safe: API 607, BS 6755  
Flange connection: EN 1092, DIN2501  
Test and inspection: EN 12266, DIN 3230T3  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seat	PTFE
7	Thrust washer	PTFE
8	O-ring	VITON
9	Stem packing	PTFE
10	Gland washer	1.4301
11	Stop pin	1.4301
12	Belleville washers	50CrV4
13	Stem nut	1.4301
14	Locking device(on request)	1.4301
15	Stem nut	1.4301
16	Handle	1.4301
17	Stop plate	1.4301
18	Locking screw	1.4301
19	External Body seat	Graphite



DIMENSIONS, mm

SIZE	A	B	C	D	E	F	G	HOLES N°	H	I	L	Weight, kg
DN15	97	52	166,5	140	42	13	M12	4	90	65	53	2,1
DN20	105	55	166,5	140	45	19	M12	4	100	75	53	2,4
DN25	123	68	179	150	53	25	M12	4	110	85	58	3,5
DN32	138	73	182,5	150	58	32	M16	4	130	100	65	5,2
DN40	163	93	230	200	72	38	M16	4	140	110	79	7,5
DN50	199	117	273	230	94,5	49,5	M16	4	165	125	85	11
DN65	232	139	372	320	122,5	65	M16	4	185	145	103	17,5
DN80	249	149	381	320	132,5	78	M16	8	200	160	122	22,8
DN100	277	167	448	370	148,5	96	M16	8	220	180	155	34,5
DN125	309	181	455	370	166,5	118	M16	8	255	210	185	51,22
DN150	388	241	500	395	197,5	144	M20	8	295	240	235	80,96
DN200	458	276	829	674	232,5	192	M20	12	365	295	315	177,06

### Alternative materials:

Body & Bonnet: 1.4301, 1.4401, 1.4404, A105, LF2  
Ball: 1.4301, 1.4401, 1.4404  
Metal parts: 1.4301, 1.4401, 1.4404  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type High Performance PN 63

Type: **OMV-BAV-WAF-HP-PN 63**

EN/DIN

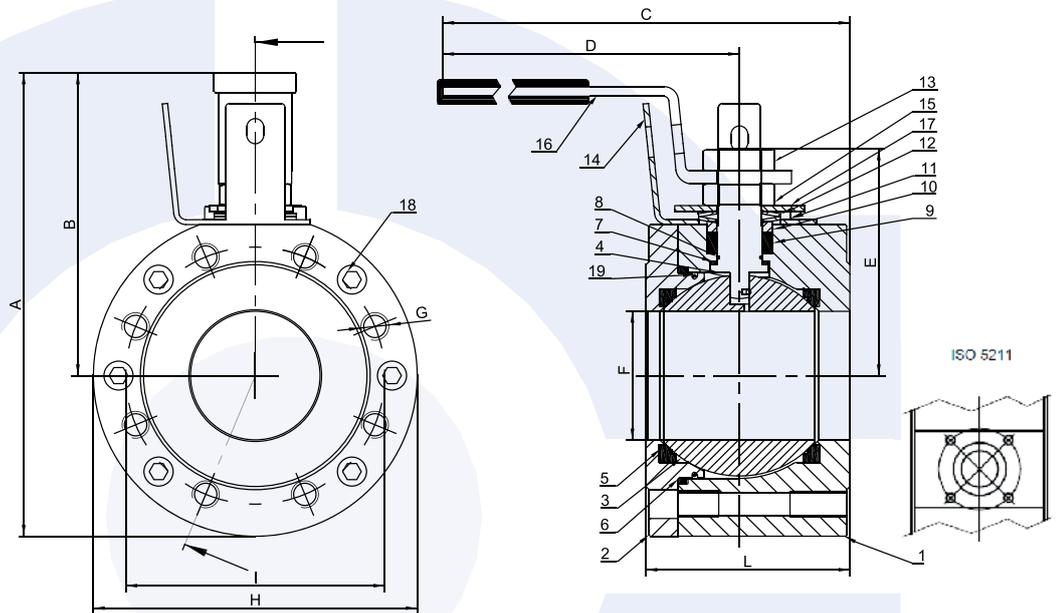
### Ball Valve Wafer PN 63

Bolted bonnet, antistatic and blowout proof stem  
Two-piece body, Floating ball, Fire safe

### Standard compliance

Design and manufacture: EN12516-2, DIN3890  
Face to face dimension: acc. to catalogue  
Fire safe: API 607, BS 6755  
Flange connection: EN 1092, DIN2501  
Test and inspection: EN 12266, DIN 3230T3  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seat	PTFE
7	Thrust washer	PTFE
8	O-ring	VITON
9	Stem packing	PTFE
10	Gland washer	1.4301
11	Stop pin	1.4301
12	Belleville washers	50CrV4
13	Stem nut	1.4301
14	Locking device(on request)	1.4301
15	Stem nut	1.4301
16	Handle	1.4301
17	Stop plate	1.4301
18	Locking screw	1.4301
19	External Body seat	Graphite



SIZE	DIMENSIONS											Weight , kg
	A	B	C	D	E	F	G	HOLES N°	H	I	L	
DN15	97	52	166,5	140	42	13	M12	4	105	75	53	2,1
DN20	110	55	166,5	140	45	19	M16	4	130	90	42	3,1
DN25	127	68	179	150	53	25	M16	4	140	100	58	3,8
DN32	138	73	182,5	150	58	32	M20	4	155	110	65	5,2
DN40	168	93	320	275	72	38	M20	4	170	125	79	8,6
DN50	182	102	320	275	81	51	M20	4	180	135	90	11,2
DN65	215,5	130,5	403,5	350	102,5	64	M20	8	205	160	107	18,7
DN80	240	137,5	410	350	109,5	76	M20	8	215	170	120	24
DN100	297	172	533,5	450	137	102	M24	8	250	200	167	48,2
DN125	309	181	455	347,5	166,5	118	M27	8	295	240	197	70,6
DN150	393,5	227,5	467,5	347,5	187	152	M30	8	345	280	240	112

### Alternative materials:

Body & Bonnet: 1.4301, 1.4401, 1.4404, A105, LF2  
Ball: 1.4301, 1.4401, 1.4404  
Metal parts: 1.4301, 1.4401, 1.4404  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# BALL VALVE

## Wafer Type High Performance PN 100

Type: **OMV-BAV-WAF-HP-PN100**

EN/DIN

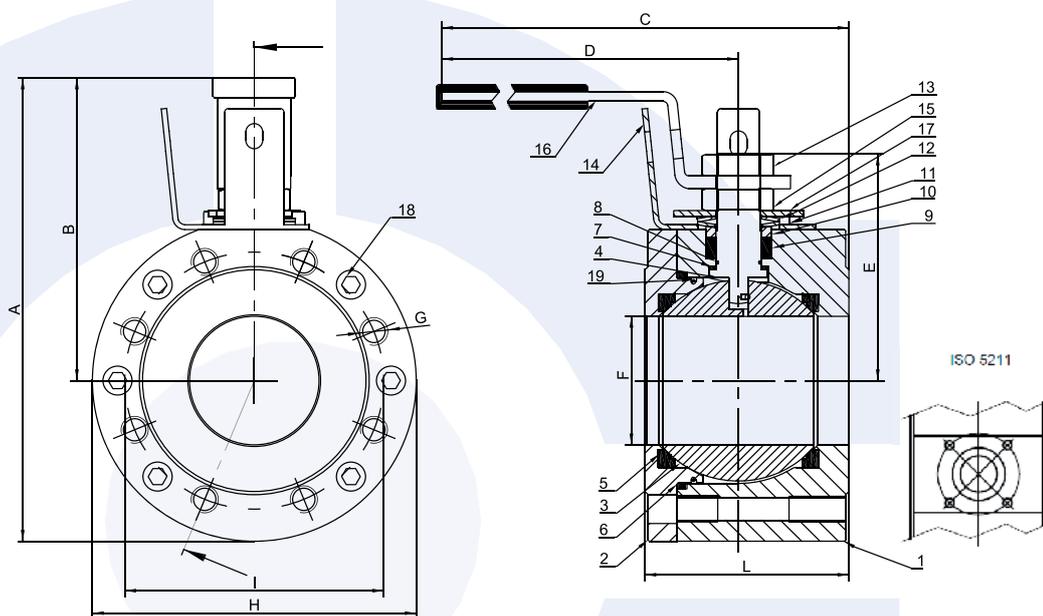
### Ball Valve Wafer PN100

Bolted bonnet, antistatic and blowout proof stem  
Two-piece body, Floating ball, Fire safe

### Standard compliance

Design and manufacture: EN12516-2, DIN3890  
Face to face dimension: acc. to catalogue  
Fire safe: API 607, BS 6755  
Flange connection: EN 1092, DIN2501  
Test and inspection: EN 12266, DIN 3230T3  
Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	1.4404
2	Bonnet	1.4404
3	Ball	1.4404
4	Stem	1.4404
5	Seat	PTFE
6	Body seat	PTFE
7	Thrust washer	PTFE
8	O-ring	VITON
9	Stem packing	PTFE
10	Gland washer	1.4301
11	Stop pin	1.4301
12	Belleville washers	50CrV4
13	Stem nut	1.4301
14	Locking device(on request)	1.4301
15	Stem nut	1.4301
16	Handle	1.4301
17	Stop plate	1.4301
18	Locking screw	1.4301
19	External Body seat	Graphite



SIZE	DIMENSIONS											Weight , kg
	A	B	C	D	E	F	G	HOLES N°	H	I	L	
DN15	102	54,5	184	150	45	13	M12	4	105	75	53	4,1
DN20	115	57,5	186	150	48	19	M16	4	130	90	42	4,4
DN25	134	71,5	318,5	275	56,9	25	M16	4	140	100	58	6,3
DN32	144	76,5	321	275	61,9	32	M20	4	155	110	65	7,6
DN40	183,5	98,5	403,5	350	78,1	38	M20	4	170	125	79	11,2
DN50	192,5	107,5	407,5	350	87,1	51	M24	4	195	145	90	15,5
DN65	248	144	520	450	118,9	64	M24	8	220	170	107	28,3
DN80	261,5	151,5	525	450	126,4	76	M24	8	230	180	120	33,8
DN100	336	196,5	885	800	156	102	M27	8	265	210	167	68,2

### Alternative materials:

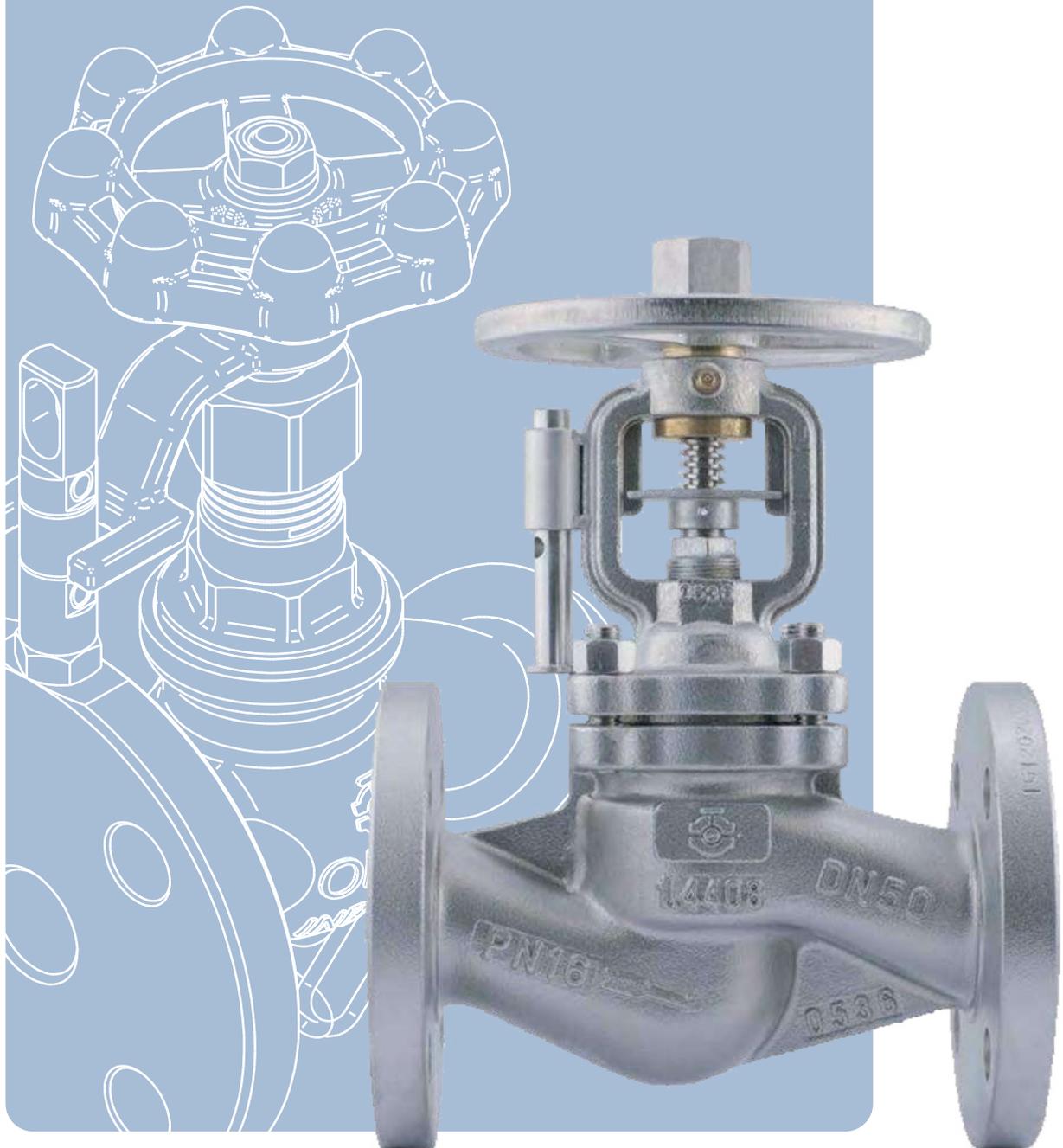
Body & Bonnet: 1.4301, 1.4401, 1.4404, A105, LF2  
Ball: 1.4301, 1.4401, 1.4404  
Metal parts: 1.4301, 1.4401, 1.4404  
Seat: PTFE, RPTFE, NRG, DERLIN, TEMPREK  
Gasket: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite  
Packing: PTFE, RPTFE, BUNA "N", EPDM, VITON, Graphite

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator



# GLOBE VALVES



# GLOBE VALVE



## F1 Series PN 16

Type: **OMV-GLV-PN 16**

### DIN Globe Valve Series F1 PN 16

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

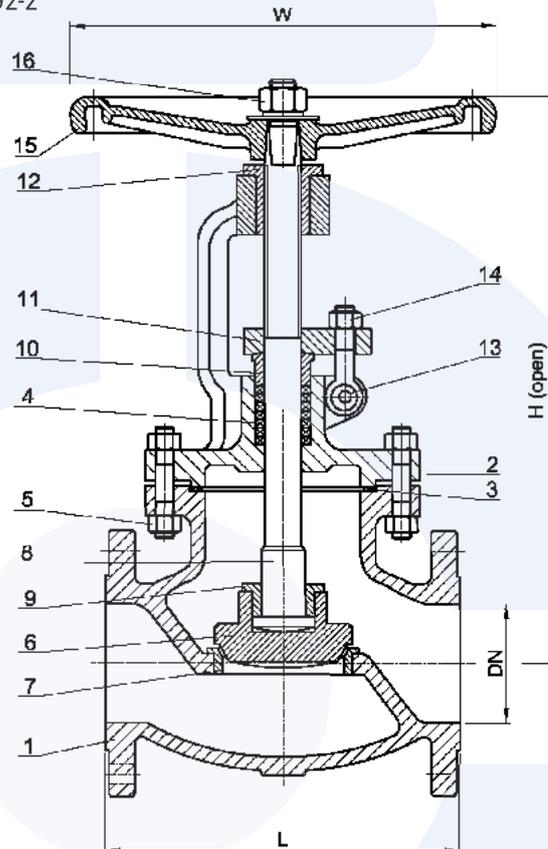
Design and manufacture: DIN EN 13709, DIN EN 12516-2

Face to face dimension: DIN EN 558, DIN3202-F1

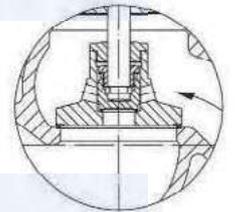
Flange connection: acc. to DIN EN 1092-1 / 1092-2

Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Gland	Stainless Steel
11	Gland Flange	GP240GH (equivalent to body material)
12	Stem Nut	C45E
13	Pin	Carbon steel / SS
14	Gland Eyebolt & Nut	25CrMo4 / C45E
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E



Balance disc  
≥ DN150 ÷ DN600



### DIMENSIONS

Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1250	1450
H	mm	240	260	276	285	300	305	354	402	437	496	541	699	815	914	1189	1350	1760	2105
W	mm	120	140	160	160	180	200	200	250	250	300	350	400	450	500	550	600	600	600
Weight	kg	4,2	5,2	6,4	8,5	10,5	14,5	22	30	36	65	88	155	280	370	550	800	900	1150

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057

Seat: Cr 13, HF, 1.4308, 1.4408, Monel

Gasket: Spiral wound, Soft Iron, Graphite

Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE



## F1 Series PN 25

Type: **OMV-GLV-PN 25**

EN/DIN

### DIN Globe Valve Series F1 PN 25

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

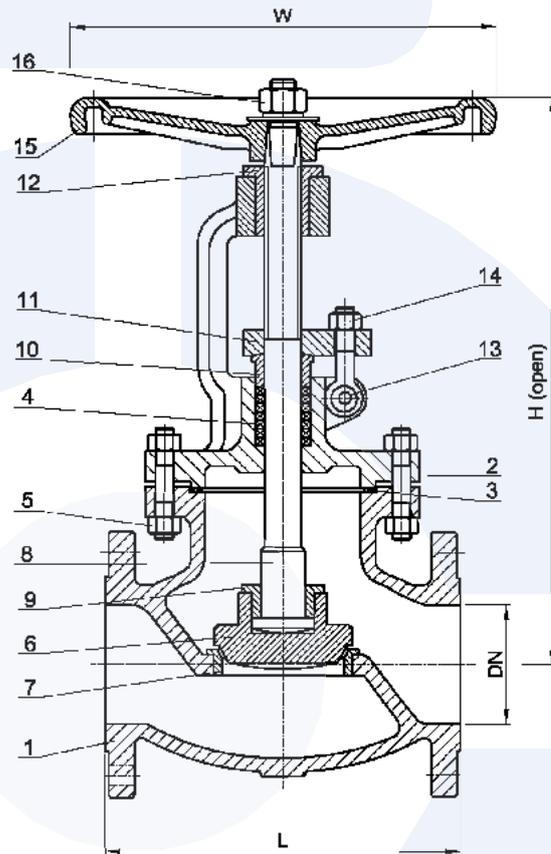
Design and manufacture: DIN EN 13709, DIN EN 12516-2

Face to face dimension: DIN EN 558, DIN3202-F1

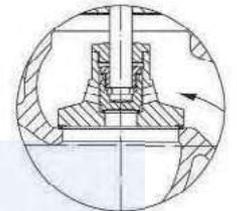
Flange connection: acc. to DIN EN 1092-1 / 1092-2

Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Gland	Stainless Steel
11	Gland Flange	GP240GH (equivalent to body material)
12	Stem Nut	C45E
13	Pin	Carbon steel / SS
14	Gland Eyebolt & Nut	25CrMo4 / C45E
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E



Balance disc  
≥ DN150 ÷ DN600



		DIMENSIONS																	
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1250	1450
H	mm	240	260	276	285	300	325	363	415	453	505	556	744	864	948	1269	1450	1760	2105
W	mm	120	140	160	160	180	200	200	250	300	350	400	450	500	550	600	600	600	600
Weight	kg	6	7,5	8	9	14	17	25	35	45	75	100	170	305	390	670	900	1000	1550

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.40 57

Seat: Cr 13, HF, 1.4308, 1.4408, Monel

Gasket: Spiral wound, Soft Iron, Graphite

Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE



## F1 Series PN 40

Type: **OMV-GLV-PN 40**

EN/DIN

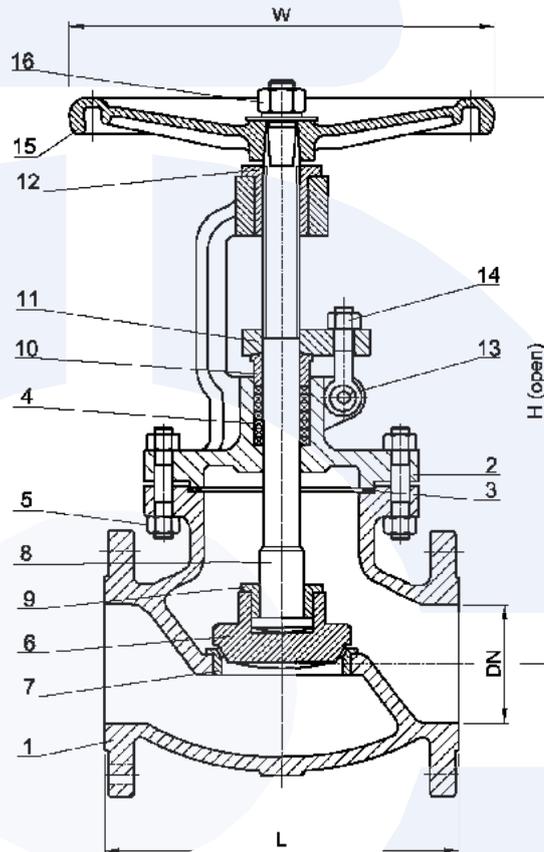
### DIN Globe Valve Series F1 PN 40

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

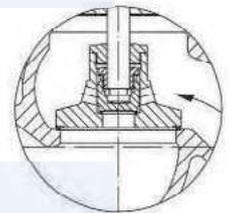
### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558, DIN3202-F1  
Flange connection: acc. to DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Gland	Stainless Steel
11	Gland Flange	GP240GH (equivalent to body material)
12	Stem Nut	C45E
13	Pin	Carbon steel / SS
14	Gland Eyebolt & Nut	25CrMo4 / C45E
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E



Balance disc  
≥ DN150 ÷ DN600



		DIMENSIONS																		
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600	
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1250	1450	
H	mm	240	260	276	285	300	325	370	430	480	532	589	783	888	965	1285	1512	1820	2206	
W	mm	120	140	160	160	180	200	200	250	300	350	400	450	500	550	600	600	600	600	
Weight	kg	6	7,5	8	9	15	20	28	38	52	82	105	180	320	480	680	900	1450	2150	

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25  
Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057  
Seat: Cr 13, HF, 1.4308, 1.4408, Monel  
Gasket: Spiral wound, Soft Iron, Graphite  
Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE



## F2 Series PN 63

Type: **OMV-GLV-PN 63**

EN/DIN

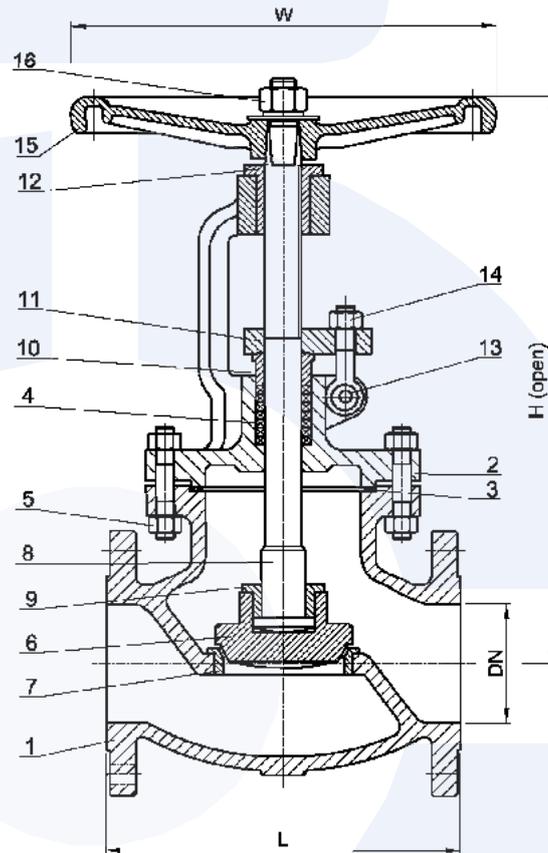
### DIN Globe Valve Series F2 PN 63

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

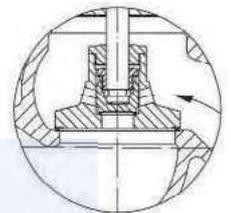
### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558-1 series 2, DIN 3202 F2  
Flange connection: acc. to DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Gland	Stainless Steel
11	Gland Flange	GP240GH (equivalent to body material)
12	Stem Nut	C45E
13	Pin	Carbon steel / SS
14	Gland Eyebolt & Nut	25CrMo4 / C45E
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E



Balance disc  
≥ DN150 ÷ DN400



Size	mm	DIMENSIONS															
		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	210	230	230	260	260	300	340	380	430	500	550	650	775	900	1025	1150
H	mm	240	260	276	285	300	305	354	402	437	496	541	699	815	914	1189	1350
W	mm	120	140	160	160	180	200	200	250	250	300	350	400	450	500	550	600
Weight	kg	8	10	12	15	17	26	33	45	80	145	200	310	590	800	970	1450

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301  
Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057  
Seat: Cr 13, HF, 1.4308, 1.4408, Monel  
Gasket: Spiral wound, Soft Iron, Graphite  
Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE



## F2 Series PN 100

Type: **OMV-GLV-PN 100**

EN/DIN

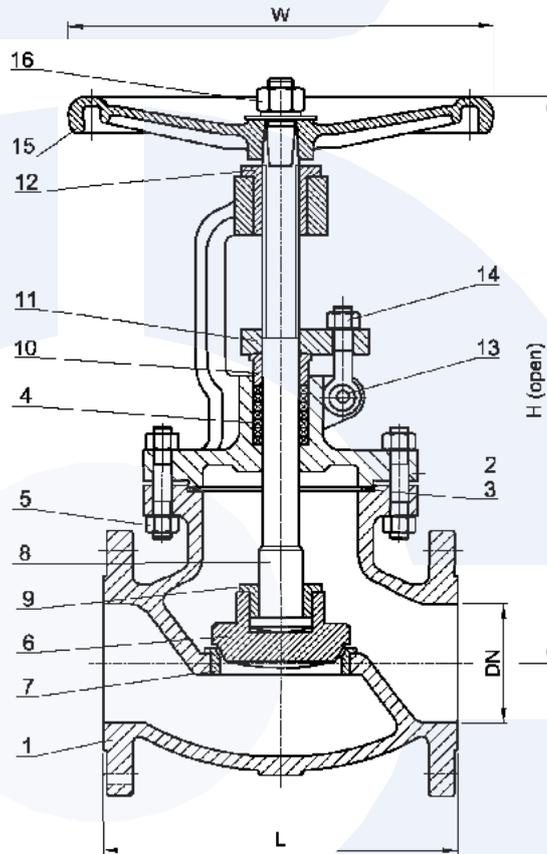
### DIN Globe Valve Series F2 PN 100

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

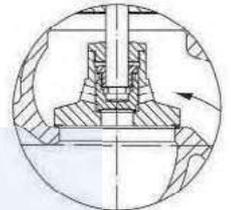
### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558-1 series 2, DIN 3202 F2  
Flange connection: acc. to DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Gland	Stainless Steel
11	Gland Flange	GP240GH (equivalent to body material)
12	Stem Nut	C45E
13	Pin	Carbon steel / SS
14	Gland Eyebolt & Nut	25CrMo4 / C45E
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E



Balance disc  
≥ DN150 ÷ DN400



		DIMENSIONS															
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	210	230	230	260	260	300	340	380	430	500	550	650	775	900	1025	1150
H	mm	240	280	276	285	300	325	363	415	453	505	556	744	864	948	1269	1450
W	mm	120	140	160	160	180	200	200	250	300	350	400	450	500	550	600	600
Weight	kg	10	12	14	18	21	30	50	65	120	170	260	450	700	880	1080	1650

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301,  
Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057  
Seat: Cr 13, HF, 1.4308, 1.4408; Monel  
Gasket: Spiral wound, Soft Iron, Graphite  
Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE



## F2 Series PN 160

Type: **OMV-GLV-PN 160**

EN/DIN

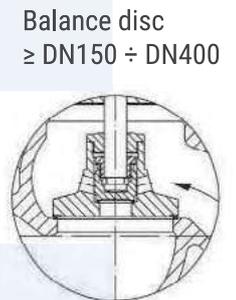
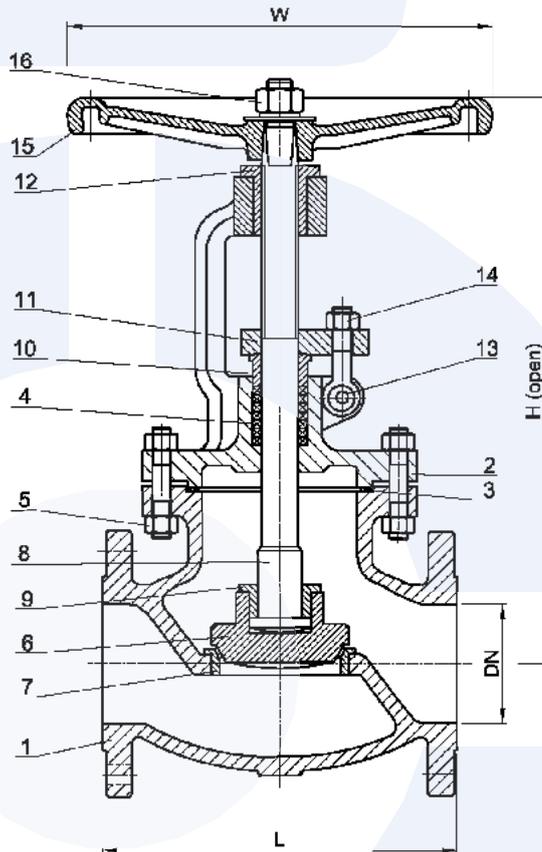
### DIN Globe Valve Series F2 PN 160

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558-1 series 2, DIN 3202 F2  
Flange connection: acc. to DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spral Wound / Soft Iron
4	Gland Packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Gland	Stainless Steel
11	Gland Flange	GP240GH (equivalent to body material)
12	Stem Nut	C45E
13	Pin	Carbon steel / SS
14	Gland Eyebolt & Nut	25CrMo4 / C45E
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E



Size	DIMENSIONS																
	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	210	230	230	260	260	300	340	380	430	500	550	650	775	900	1025	1150
H	mm	240	260	276	285	300	325	370	430	480	532	589	783	888	965	1285	1512
W	mm	120	140	160	160	180	200	200	250	300	350	400	450	500	550	600	600
Weight	kg	11	13	15	19	23	35	55	80	130	185	270	470	780	920	1200	2100

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301  
 Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057  
 Seat: Cr 13, HF, 1.4308, 1.4408, Monel  
 Gasket: Spiral wound, Soft Iron, Graphite  
 Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request:

Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE



## Angle F32 Series PN 16

Type: **OMV-GLV-A-PN 16**

EN/DIN

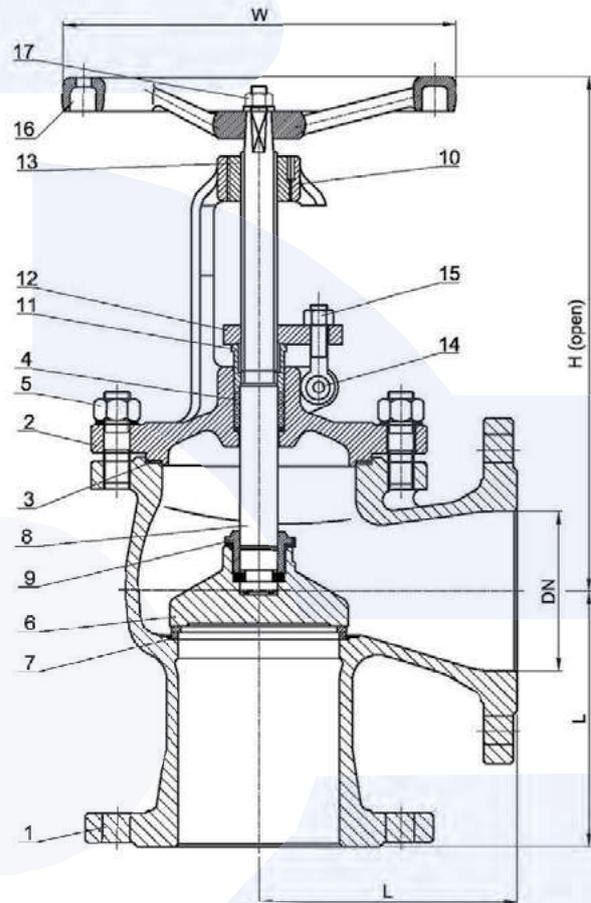
### DIN Angle Globe Valve PN 16 Series F32

OS&Y, Rising stem, Plug disc, Regulating disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN 3202 F32, EN 558 Series 8  
Flange connection: acc. to DIN EN 1092-1 / 1092-2  
Test and inspection: DIN EN 12266, DIN3230T3

Item.	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Grub screw	Carbon Steel
11	Gland	Stainless Steel
12	Gland flange	GP240GH (equivalent to body material)
13	Stem Nut	C45E
14	Pin	Carbon Steel / SS
15	Gland Eyebolt & Nut	25CrMo4 / C45E
16	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
17	Handwheel Nut	C45E



Size	mm	DIMENSIONS																
		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450
L	mm	90	95	100	105	115	125	145	155	175	200	225	275	325	375	425	475	500
H	mm	246	260	276	285	300	305	354	402	437	496	541	699	815	914	1189	1350	1725
W	mm	120	140	160	160	180	200	200	250	250	300	350	400	450	500	550	600	700
Weight	kg	4,2	5,2	6,4	8,5	10,5	14,5	18	24	36	57	80	125	196	315	412	550	780

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25, Bronze (CuSn5Zn5Pb5-C, Rg5)  
Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel, Bronze (CuSn5Zn5Pb5-C, Rg5)  
Seat: Cr 13, HF, 1.4308, 1.4408, Bronze  
Gasket: Spiral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E, A2, A4

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE

## Angle F32 Series PN 25

Type: **OMV-GLV-A-PN 25**

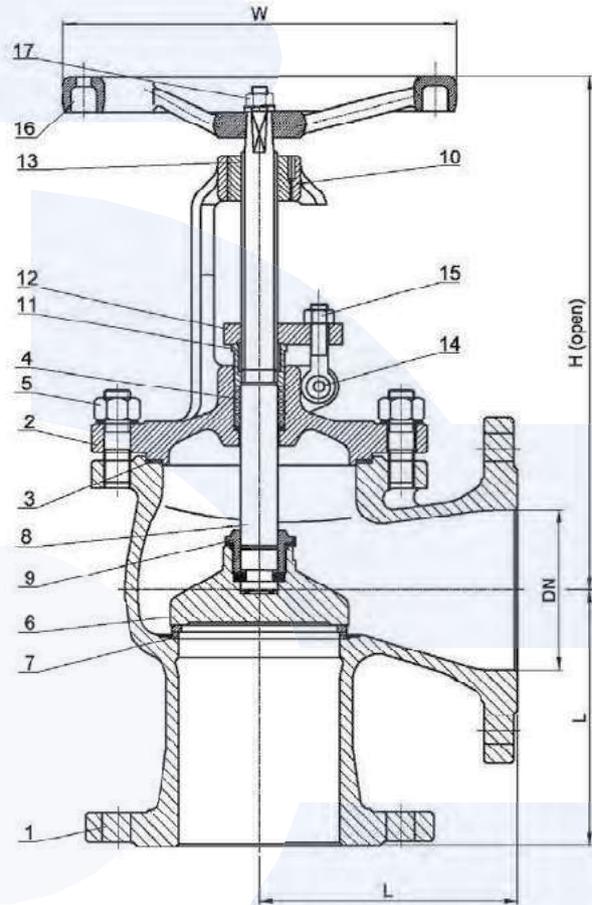
**DIN Angle Globe Valve PN 25 series F32**  
 OS&Y, Rising stem, Plug disc, Regulating disc  
 Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
 Face to face dimension: DIN 3202 F32, EN 558 Series 8  
 Flange connection: acc. to DIN EN 1092-1 / 1092-2  
 Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Grub screw	Carbon Steel
11	Gland	Stainless Steel
12	Gland flange	GP240GH (equivalent to body material)
13	Stem Nut	C45E
14	Pin	Carbon Steel / SS
15	Gland Eyebolt & Nut	25CrMo4 / C45E
16	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
17	Handwheel Nut	C45E



Size	mm	DIMENSIONS																
		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450
L	mm	90	95	100	105	115	125	145	155	175	200	225	275	325	375	425	475	500
H	mm	246	260	276	285	300	325	363	415	453	505	556	744	864	948	1269	1450	1725
W	mm	120	140	160	160	180	200	200	250	300	350	400	450	500	550	600	600	700
Weight	kg	5,5	7	8	9	12	16	20	30	47	75	95	190	350	560	700	870	1300

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, Bronze (CuSn5Zn5Pb5-C, Rg5)  
 Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel, Bronze (CuSn5Zn5Pb5-C, Rg5)  
 Seat: Cr 13, HF, 1.4308, 1.4408, Bronze  
 Gasket: Spiral wound, Soft iron, Graphite  
 Packing: Graphite  
 Bolts & Nuts: 25CrMo4, C35E / C45E, C35E, A2, A4

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GLOBE VALVE



## Angle F32 Series PN 40

Type: **OMV-GLV-A-PN 40**

EN/DIN

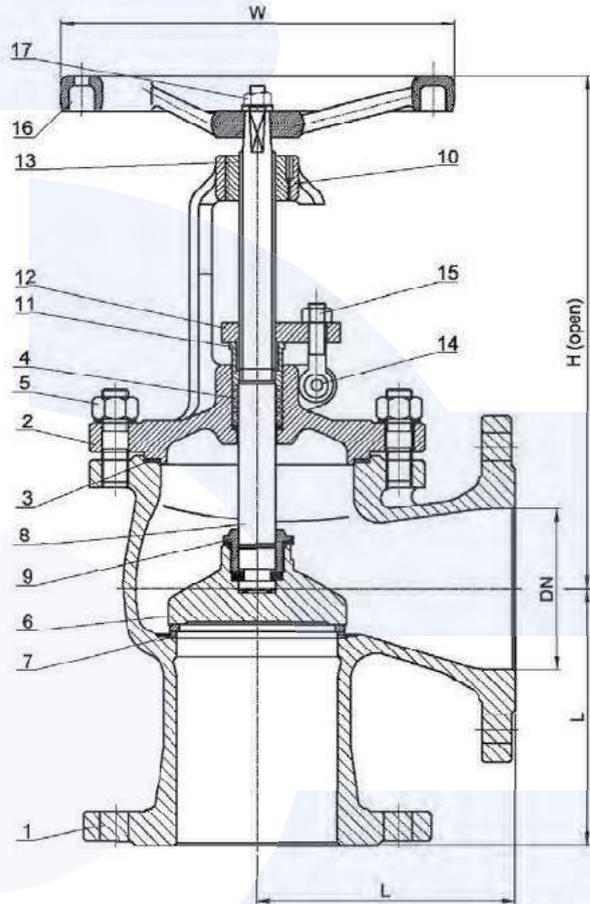
### DIN Angle Globe Valve PN 40 series F32

OS&Y, Rising stem, Plug disc, Regulating disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN 3202 F32, EN 558 Series 8  
Flange connection: acc. to DIN EN 1092-1 / 1092-2  
Test and inspection: DIN EN 12266, DIN3230T3

Item.	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Bonnet	GP240GH - 1.0619
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	25CrMo4 / C45E
6	Disc	X20Cr13
7	Seat Ring	
8	Stem	Stainless Steel
9	Disc Nut	CS + SS / SS / SS + Stl
10	Grub screw	Carbon Steel
11	Gland	Stainless Steel
12	Gland flange	GP240GH (equivalent to body material)
13	Stem Nut	C45E
14	Pin	Carbon Steel / SS
15	Gland Eyebolt & Nut	25CrMo4 / C45E
16	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
17	Handwheel Nut	C45E



		DIMENSIONS																
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450
L	mm	90	95	100	105	115	125	145	155	1750	200	225	275	325	375	425	475	500
H	mm	246	260	276	285	300	325	370	430	480	532	589	783	888	965	1285	1512	1725
W	mm	120	140	160	160	180	200	200	250	300	350	400	450	500	550	600	600	700
Weight	kg	6	7,5	8	9	13	19	25	37	55	85	110	225	460	670	830	1100	1600

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, Bronze (CuSn5Zn5Pb5-C, Rg5)

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel, Bronze (CuSn5Zn5Pb5-C, Rg5)

Seat: Cr 13, HF, 1.4308; 1.4408, Bronze

Gasket: Spiral wound, Soft iron, Graphite

Packing: Graphite

Bolts & Nuts: 25CrMo4, C35E / C45E, C35E, A2, A4

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# BELLOWS SEALED GLOBE VALVE

## F1 Series PN 16

Type: **OMV-GLV-BS-PN 16**

EN/DIN

### DIN Bellow Seal Globe Valve Series F1 PN 16

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709; DIN EN 12516-2, DIN 3356

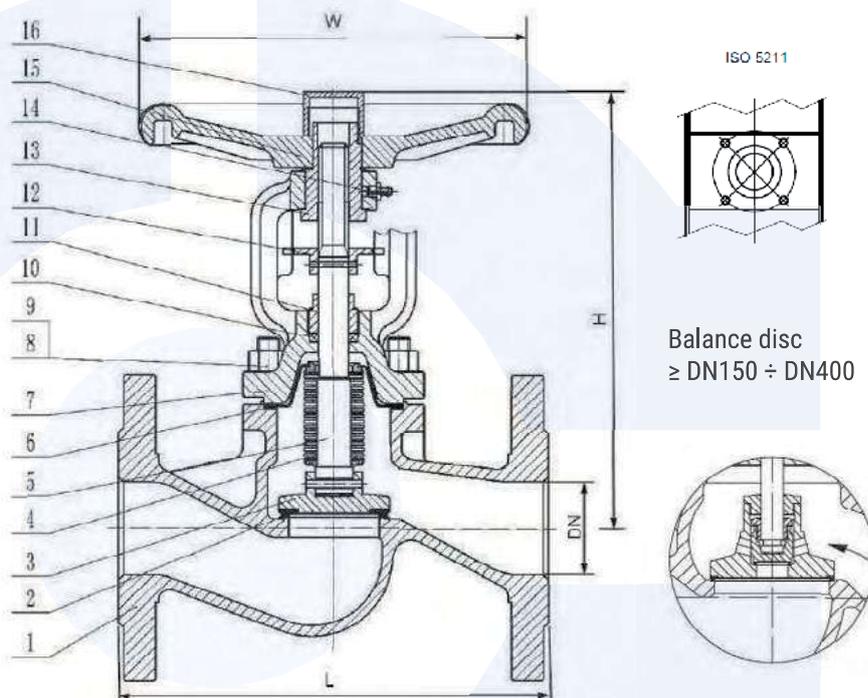
Face to face dimension: DIN EN 558, DIN3202-F1

Flange connection: acc. to DIN EN 1092-1

Test and inspection: DIN EN 12266, DIN3230T3

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Seat	13Cr, STL6
3	Disc	X20Cr13
4	Bellows	SS316L
5	Stem	X20Cr13
6	Gasket	Graphite + SS
7	Bonnet	GP240GH, 1.0619
8	Bolt	A193 B7
9	Nut	CS + SS / SS / SS + SH / A194-2H
10	Packing	Graphite
11	Gland Flange	GP240GH (equivalent to body material)
12	No Rot. Device	A105, F304
13	Stem Nut	Carbon steel / SS
14	Grease Nipple	Cu Alloy
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E, C.S.



		DIMENSIONS															
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
H	mm	180	190	220	225	252	263	295	330	350	420	455	550	720	800	960	1060
W	mm	120	140	160	160	180	200	200	250	250	300	350	400	450	500	550	600
Weight	kg	4	5	6	7	9	11	15	20	34	50	72	115	260	365	550	800

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057

Seat: Cr 13, HF, 1.4308, 1.4408, Monel

Gasket: Spiral wound, Soft Iron, Graphite

Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# BELLOWS SEALED GLOBE VALVE

## F1 Series PN 25

Type: **OMV-GLV-BS-PN 25**

EN/DIN

### DIN Bellow Seal Globe Valve Series F1 PN 25

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliane

Design and manufacture: DIN EN 13709, DIN EN 12516-2, DIN 3356

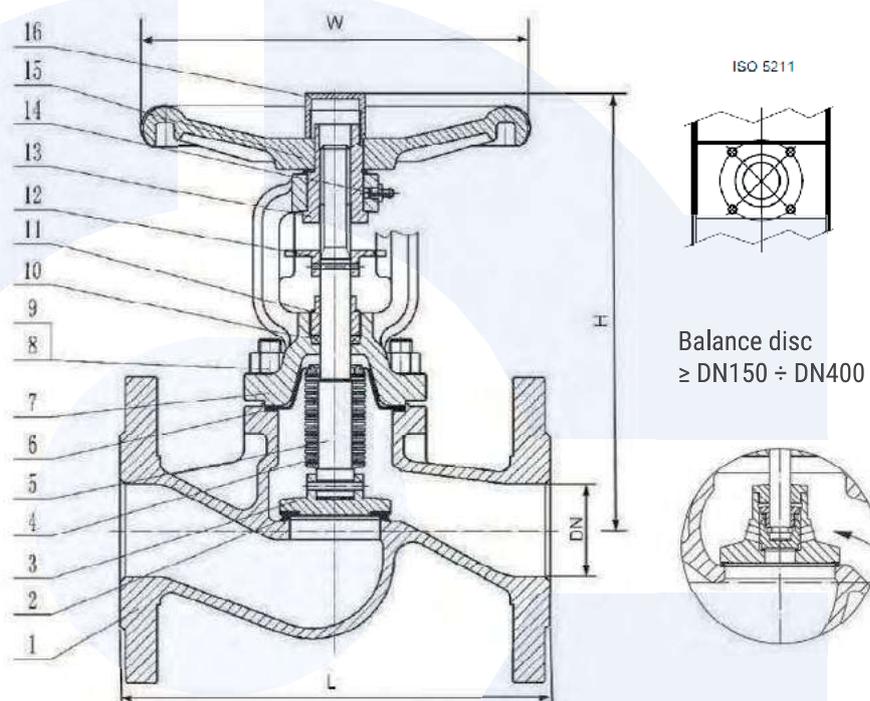
Face to face dimension: DIN EN 558, DIN3202-F1

Flange connection: acc. to DIN EN 1092-1

Test and inspection: DIN EN 12266, DIN3230T3

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	GP240GH - 1,0619
2	Seat	13Cr, STL6
3	Disc	X20Cr13
4	Bellows	SS316L
5	Stem	X20Cr13
6	Gasket	Graphite + SS
7	Bonnet	GP240GH, 1,0619
8	Bolt	A193 B7
9	Nut	CS + SS / SS / SS + Si / A194-2H
10	Packing	Graphite
11	Gland Flange	GP240GH (equivalent to body material)
12	No Rot. Device	A105, F304
13	Stem Nut	Carbon steel / SS
14	Grease Nipple	Cu Alloy
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E, C.S.



		DIMENSIONS															
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
H	mm	180	190	220	225	252	263	295	330	350	420	455	550	720	800	960	1060
W	mm	120	140	160	160	180	200	200	250	250	300	350	400	450	500	550	600
Weight	kg	4	5	6	7	9	12	17	22	40	57	82	130	290	390	610	850

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057

Seat: Cr 13, HF, 1.4308, 1.4408, Monel

Gasket: Spiral wound, Soft Iron, Graphite

Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# BELLOWS SEALED GLOBE VALVE

## F1 Series PN 40

Type: **OMV-GLV-BS-PN 40**

EN/DIN

### DIN Bellow Seal Globe Valve Series F1 PN 40

OS&Y, Rising stem, Plug disc, Regulating disc, Balance disc  
Bolted bonnet, Threaded or welded seat ring

### Standard compliane

Design and manufacture: DIN EN 13709; DIN EN 12516-2, DIN 3356

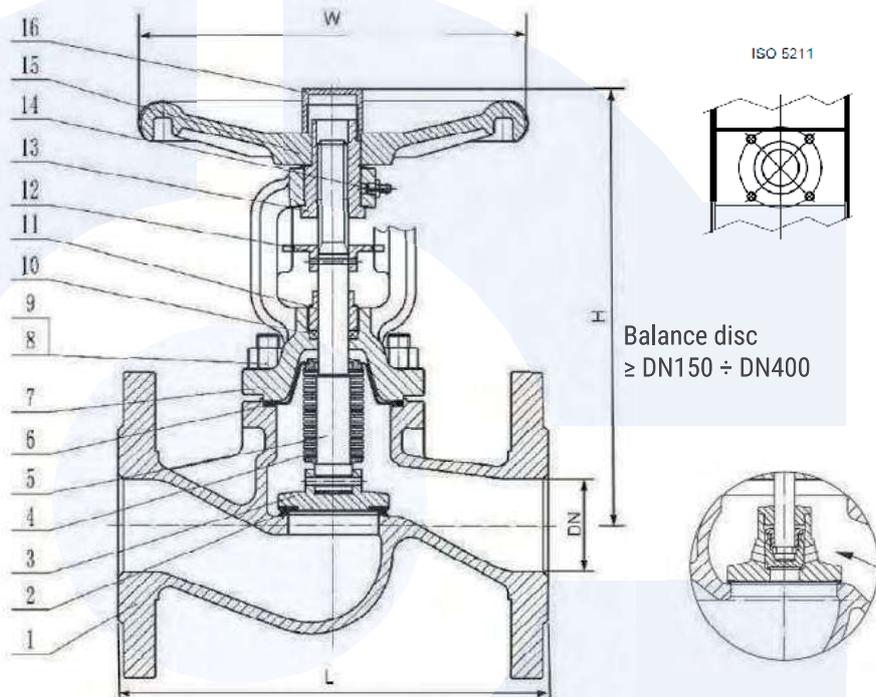
Face to face dimension: DIN EN 558, DIN3202-F1

Flange connection: acc. to DIN EN 1092-1

Test and inspection: DIN EN 12266, DIN3230T3

Top flange acc. to: ISO 5211

Item	Description Part name	Material
1	Body	GP240GH - 1,0619
2	Seat	13Cr, STL6
3	Disc	X20Cr13
4	Bellows	SS316L
5	Stem	X20Cr13
6	Gasket	Graphite + SS
7	Bonnet	GP240GH, 1,0619
8	Bolt	A193 B7
9	Nut	CS + SS / SS / SS + SII / A194-2H
10	Packing	Graphite
11	Gland Flange	GP240GH (equivalent to body material)
12	No Rot. Device	A105, F304
13	Stem Nut	Carbon steel / SS
14	Grease Nipple	Cu Alloy
15	Handwheel	Malleable Iron / Cast steel / Ductile Iron / Fabricated steel
16	Handwheel Nut	C45E, C.S.



		DIMENSIONS															
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
H	mm	180	190	220	225	252	263	295	330	350	420	455	550	720	800	960	1060
W	mm	120	140	160	160	180	200	200	250	250	300	350	400	450	500	550	600
Weight	kg	4,5	5,5	6,5	8	10	13	18	23	42	59	85	140	310	420	640	900

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, 1.4057

Seat: Cr 13, HF, 1.4308, 1.4408, Monel

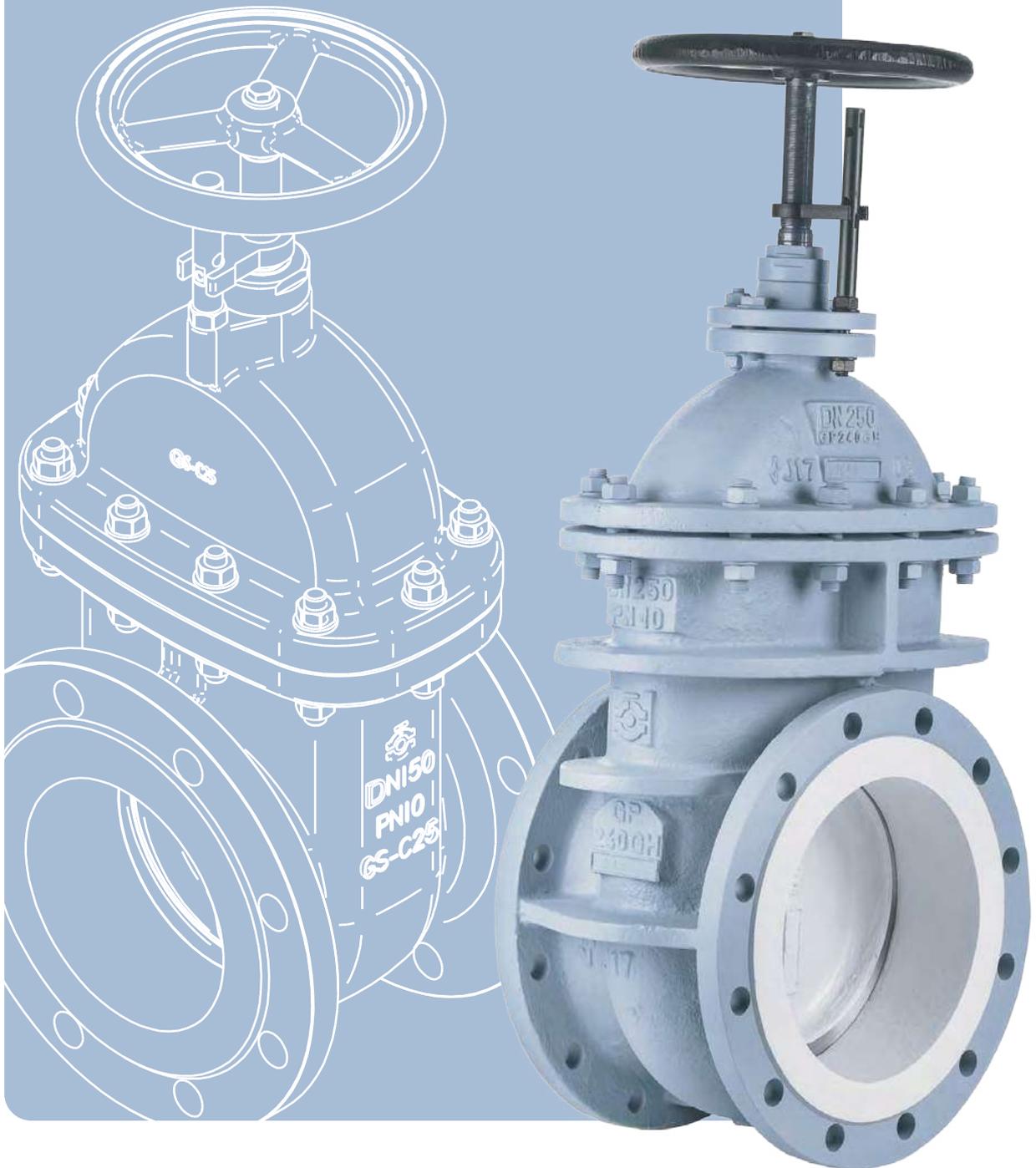
Gasket: Spiral wound, Soft Iron, Graphite

Bolt & Nuts: 25CrMo4, C35E / C45E, C35E

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator



# GATE VALVES



# GATE VALVE

## F5 Series Rising Stem PN 16

Type: **OMV-GAV-RS-F5-PN 16**

### DIN PN 16 Gate Valve

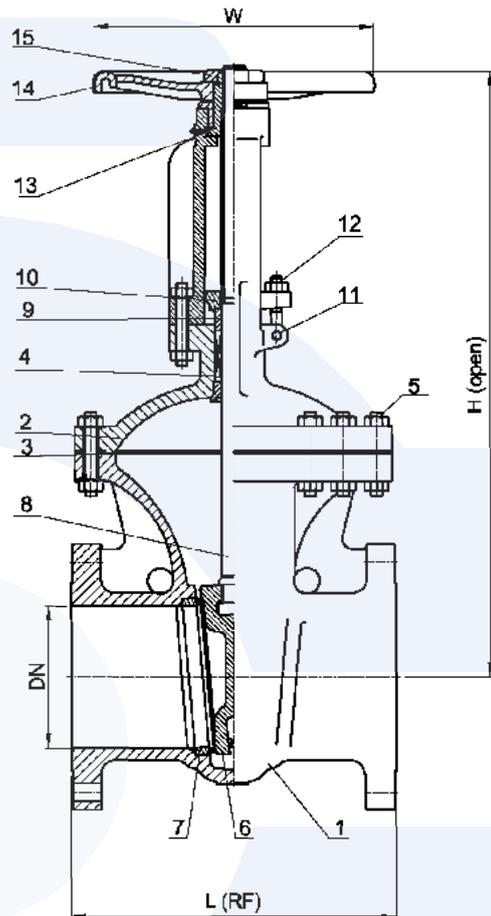
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558 series 15, DIN3202 F5  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																		
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	
L-RF	mm	250	270	280	300	325	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	
H	mm	417	452	530	607	720	790	885	1014	1190	1350	1460	1630	1800	2200	2320	3200	4400	4700	
W	mm	200	280	280	300	350	350	400	450	500	600	600	650	700	800	800	Gearbox			
Weight	kg	16	25	30	55	75	98	150	245	353	490	750	985	1063	1390	1686	2425	3245	4700	

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F5 Series Rising Stem PN 25

Type: **OMV-GAV-RS-F5-PN 25**

### DIN PN 25 Gate Valve

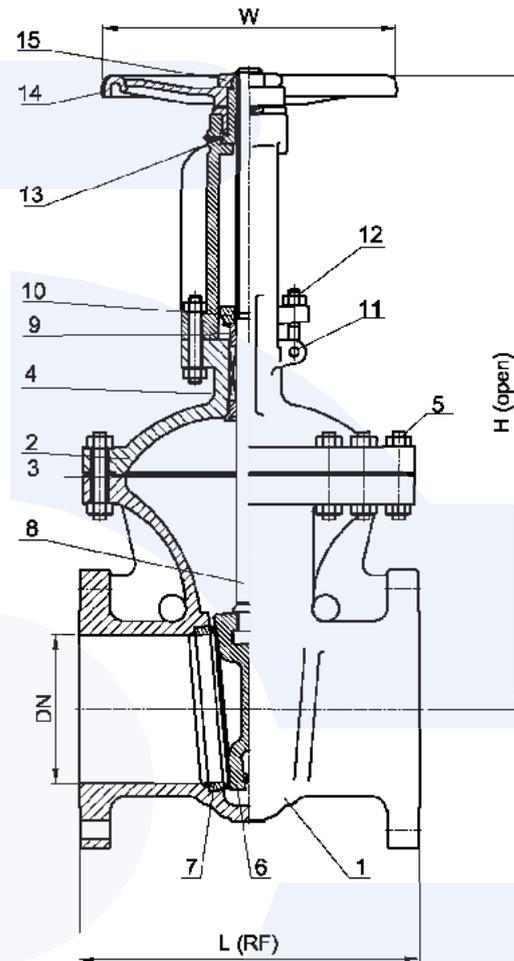
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558 series 15, DIN3202 F5  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel/ SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel/ SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																	
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L-RF	mm	250	270	280	300	325	350	400	450	500	550	600	650	700	800	900	1000	1100	1200
H	mm	417	452	530	607	720	790	885	1014	1190	1350	1460	1630	1800	2200	2320	3200	4400	4700
W	mm	200	280	280	300	350	350	400	450	500	600	600	650	700	800	Gearbox			
Weight	kg	16	31	43	58	82	103	180	265	385	547	835	1050	1130	1500	1686	2425	3245	4700

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F7 Series Rising Stem PN 40

Type: **OMV-GAV-RS-F7-PN 40**

### DIN PN 40 Gate Valve

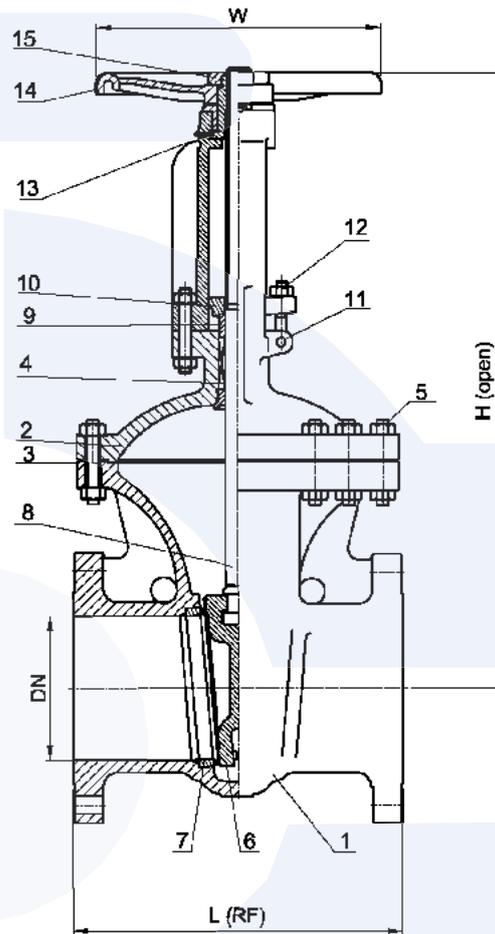
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558 series 26, DIN3202 F7  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																	
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L-RF	mm	250	290	310	350	400	450	550	650	750	850	950	1050	1150	1350	1550	1750	1950	2150
H	mm	404	456	604	607	720	780	875	1260	1480	1605	1788	1956	2168	2601	2960	3486	4785	5300
W	mm	200	280	300	350	350	400	450	500	500	600	650	800	800	Gearbox				
Weight	kg	18	32	47	60	95	130	220	290	490	760	900	1250	1450	1700	2450	3530	4900	5600

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F7 Series Rising Stem PN 63

Type: **OMV-GAV-RS-F7-PN 63**

### DIN PN 63 Gate Valve

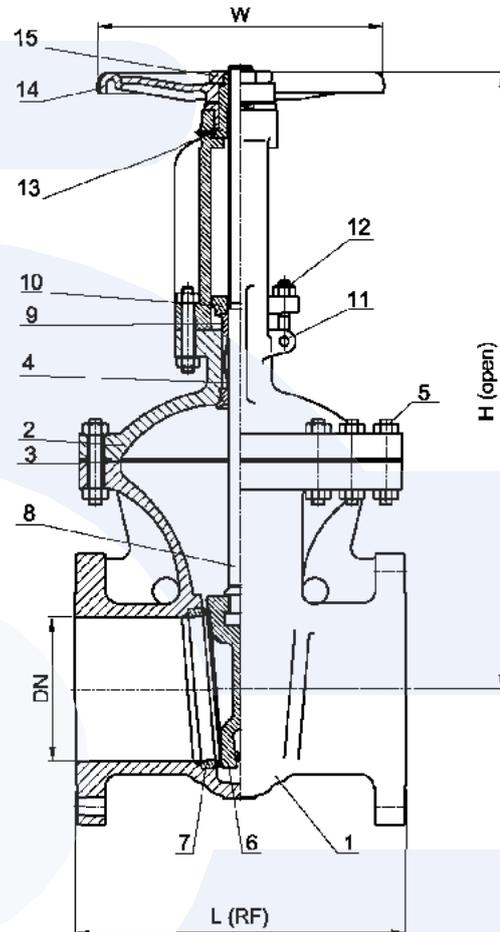
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558 series 26, DIN3202 F7  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS													
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L-RF	mm	250	290	310	350	400	450	550	650	750	850	950	1050	1150	1350
H	mm	404	456	604	607	720	780	875	1260	1480	1605	1788	1956	2168	2601
w	mm	200	280	300	350	350	400	450	500	500	600	650	700	700	800
Weight	kg	20	35	52	66	103	140	230	300	510	780	940	1300	1600	1850

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F4 Series Rising Stem PN 16

Type: **OMV-GAV-RS-F4-PN 16**

### DIN Gate Valve PN 16

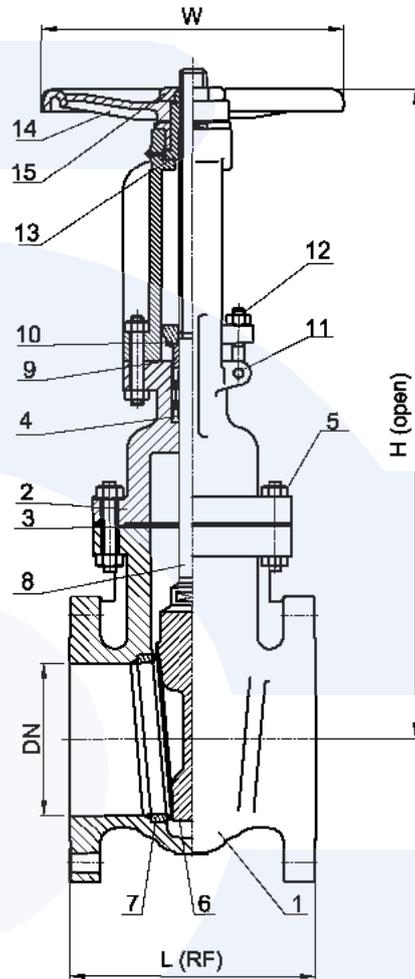
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558 series 14, DIN 3202-F4  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																	
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L-RF	mm	150	170	180	190	200	210	230	250	270	290	310	330	350	390	430	470	510	550
H	mm	305	354	402	437	496	541	699	815	914	1189	1350	1680	1907	2050	2320	3200	4400	4700
w	mm	200	280	280	300	350	350	400	450	500	600	600	650	700	800	800	Gearbox		
Weight	kg	15	17	28	43	51	68	105	176	255	300	510	650	750	890	1100	1880	2645	3680

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F4 Series Rising Stem PN 25

Type: **OMV-GAV-RS-F4-PN 25**

### DIN Gate Valve PN 25

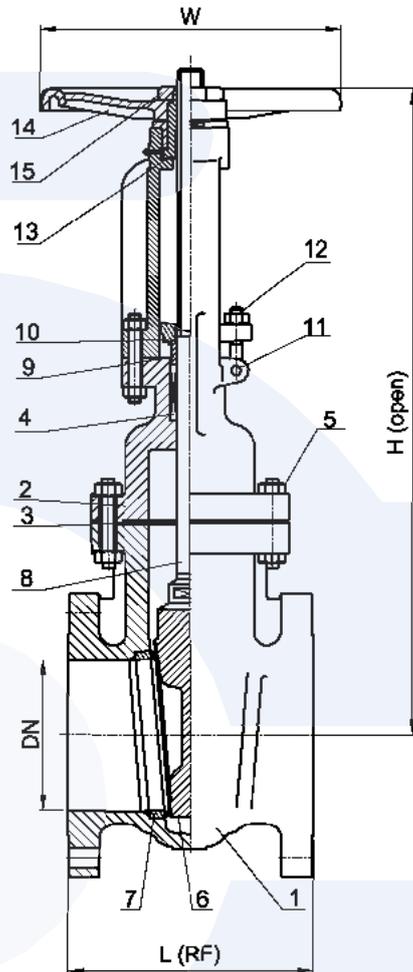
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558 series 14, DIN 3202-F4  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																	
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L-RF	mm	150	170	180	190	200	210	230	250	270	290	310	330	350	390	430	470	510	550
H	mm	325	363	415	453	505	556	744	864	948	1269	1450	1680	1907	2050	2320	3200	4400	4700
w	mm	200	200	250	300	350	400	450	500	550	600	600	600	600	600	Gearbox			
Weight	kg	20	24	33	50	70	90	155	260	365	470	600	702	895	1045	1650	2100	3200	4200

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F15 Series Rising Stem PN 16

Type: **OMV-GAV-RS-F15-PN 16**

### DIN Gate Valve PN 16

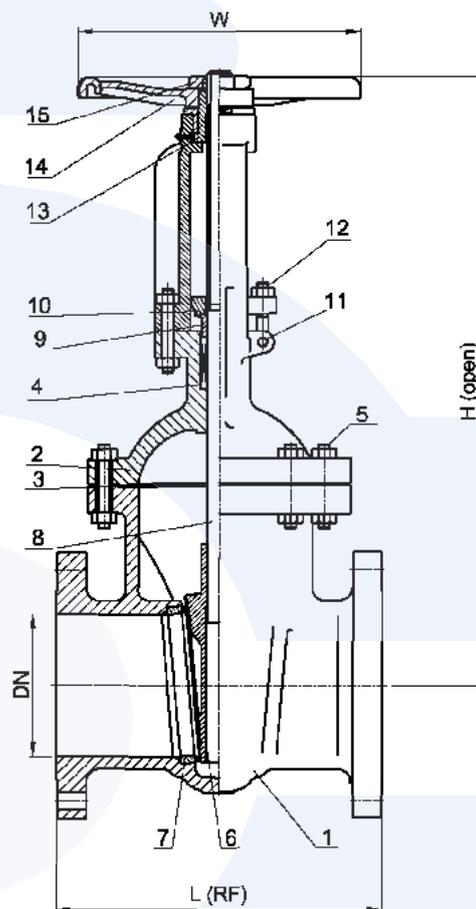
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984, DIN 3352  
Face to face dimension: DIN EN 558, DIN3202-F15  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																		
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
L-RF	mm	250	270	280	330	360	390	460	530	630	690	750	810	880	1000	1130	1250	1380	1500	1800
H	mm	305	354	402	437	496	541	699	815	914	1189	1350	1630	1800	2200	2320	3200	4400	4700	5200
W	mm	200	200	250	250	300	350	400	450	500	550	600	600	600	800	Gearbox				
Weight	kg	20	30	38	58	75	95	175	255	385	480	618	980	1100	1450	1600	2100	3000	4400	6700

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F15 Series Rising Stem PN 25

Type: **OMV-GAV-RS-F15-PN 25**

### DIN Gate Valve PN 25

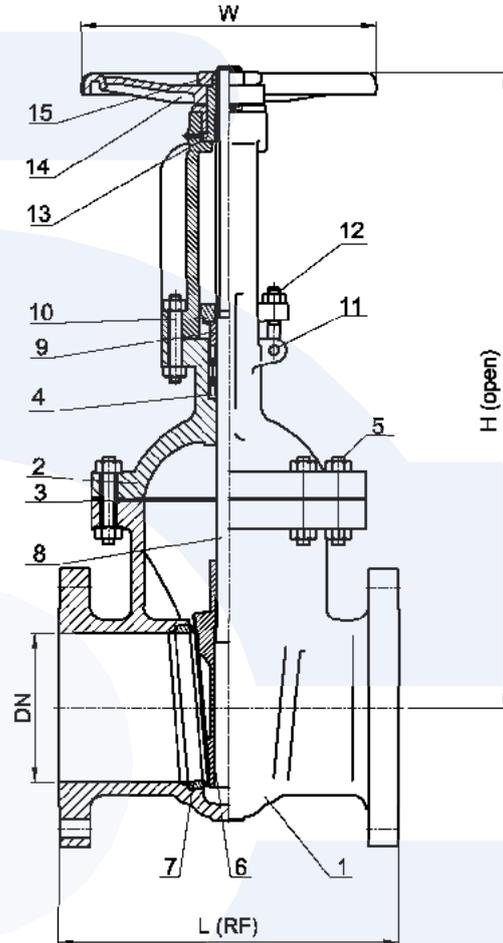
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558, DIN3202-F15  
Flange connection: DIN EN 1092  
Test and inspection: DIN EN 12266-1, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																		
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
L-RF	mm	250	270	280	330	360	390	460	530	630	690	750	810	880	1000	1130	1250	1380	1500	1800
H	mm	325	363	415	453	505	556	744	864	948	1269	1450	1630	1800	2200	2320	3200	4400	4700	5200
W	mm	200	200	250	300	350	400	450	500	550	600	600	650	700	800	Gearbox				
Weight	kg	20	30	39	60	80	101	190	290	405	510	650	1050	1210	1550	1790	2625	3545	4900	6800

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator

# GATE VALVE

## F15 Series Rising Stem PN 40

Type: **OMV-GAV-RS-F15-PN 40**

### DIN Gate Valve PN 40

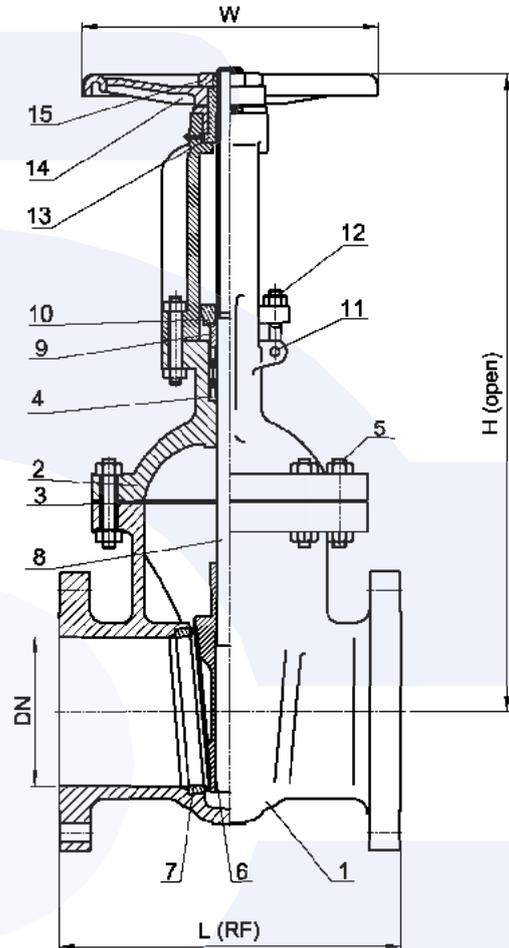
OS&Y, Rising stem, Flexible wedge  
Bolted bonnet, Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 12516-2, DIN EN 1984  
Face to face dimension: DIN EN 558, DIN3202-F15  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266-1, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0169
2	Bonnet	GP240GH - 1.0169
3	Gasket	Spiral wound / Soft iron
4	Gland packing	Graphite
5	Bolt & Nut	C35E / C35E
6	Wedge	GP240GH - 1.0169 (equivalent to body material)
7	Seat ring	CS + SS / SS / SS + Stl
8	Stem	Stainless Steel
9	Gland	Stainless Steel
10	Gland flange	GP240GH - 1.0169 (equivalent to body material)
11	Pin	Carbon Steel / SS
12	Gland Eyebolt & Nut	C35E / C35E
13	Yoke Nut	Carbon Steel / SS
14	Handwheel	Malleable Iron / Cast Iron / Ductile Iron/ Fabricated Steel
15	Handwheel Nut	Carbon Steel



		DIMENSIONS																	
Size	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L-RF	mm	250	270	280	330	360	390	460	530	630	690	750	810	880	1000	1130	1250	1380	1500
H	mm	325	370	430	480	532	589	783	888	965	1285	1512	1956	2168	2601	2960	3486	4785	5300
W	mm	200	200	250	300	350	400	450	500	550	600	600	800	800	Gearbox				
Weight	kg	22	31	42	65	85	110	210	319	430	520	680	1250	1510	1850	2190	3100	4100	5900

### Alternative materials:

Body & Bonnet: 1.4308, 1.4306, 1.4301  
Wedge: 14308, 1.4408, Monel  
Seat: Cr13, HF, SS  
Gasket: Spral wound, Soft iron, Graphite  
Packing: Graphite  
Bolts & Nuts: C35E, C45E, 25CrMo4, A2-70, A4-70

**Other material on request:** Operators: Handwheel, Gearbox, Electric actuator



# CHECK VALVES



# CHECK VALVE



## F1 Series PN 16

Type: **OMV-CHV-PL-PN 16**

EN/DIN

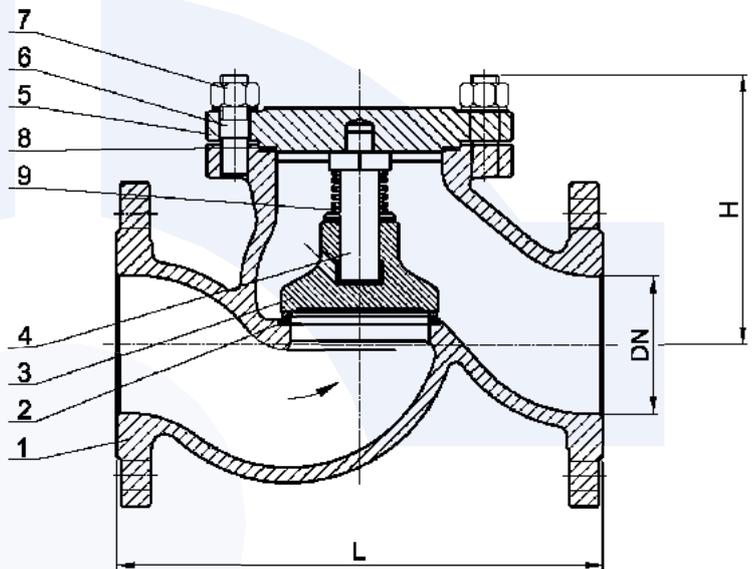
### DIN Lift Check Valve Series F1 PN 16

Bolted bonnet, Plug disc, With or without spring  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558, DIN3202-F1  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Seat ring	X20Cr13
3	Disc	
4	Stem	Stainless Steel
5	Bonnet	GP240GH - 1.0619
6	Bolt	25CrMo4
7	Nut	C45E
8	Gasket	Spiral wound / Soft iron
9	Spring	Stainless Steel



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L-RF	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	mm	77	77	80	85	95	105	120	130	140	155	180	215	260	315
Weight	kg	3	4	5	7	9	10	15	25	35	50	70	160	220	270

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25

Disc: P245GH,(1.0352) 1.4308, 1.4408, 1.4306, 1.4301, Monel

Seat: Cr 13, HF, 1.4308, 1.4408

Gasket: Spiral wound, Soft iron

Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## F1 Series PN 25



Type: **OMV-CHV-PL-PN 25**

EN/DIN

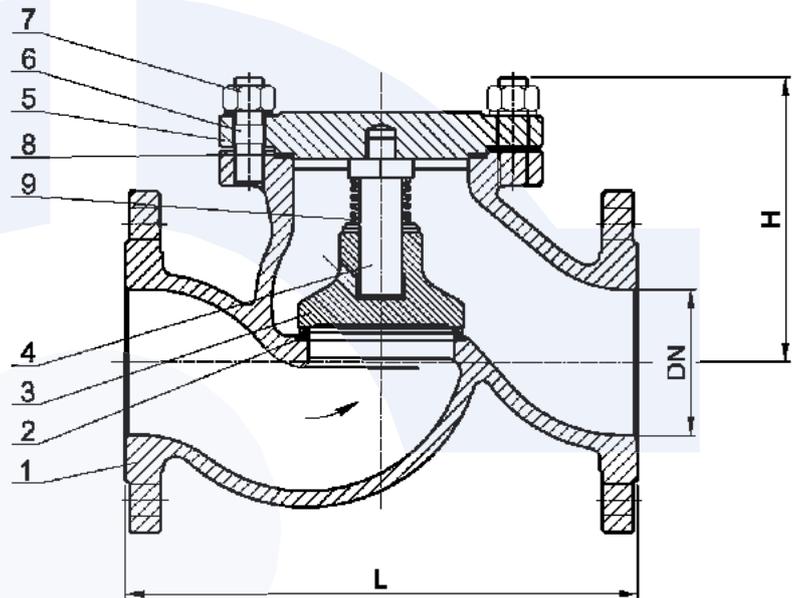
### DIN Lift Check Valve Series F1 PN 25

Bolted bonnet, Plug disc, With or without spring  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558, DIN3202-F1  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Seat ring	X20Cr13
3	Disc	
4	Stem	Stainless Steel
5	Bonnet	GP240GH - 1.0619
6	Bolt	25CrMo4
7	Nut	C45E
8	Gasket	Spiral wound / Soft iron
9	Spring	Stainless Steel



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L-RF	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	mm	100	105	120	130	135	149	160	169	194	222	255	305	355	410
Weight	kg	3,4	5	6	9	12	14	23	30	44	65	85	170	230	280

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3  
Disc: P245GH,(1.0352) 1.4308, 1.4408, 1.4306, 1.4301, Monel  
Seat: Cr 13, HF, 1.4308, 1.4408  
Gasket: Spiral wound, Soft iron  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE



## F1 Series PN 40

Type: **OMV-CHV-PL-PN 40**

### DIN Lift Check Valve Series F1 PN40

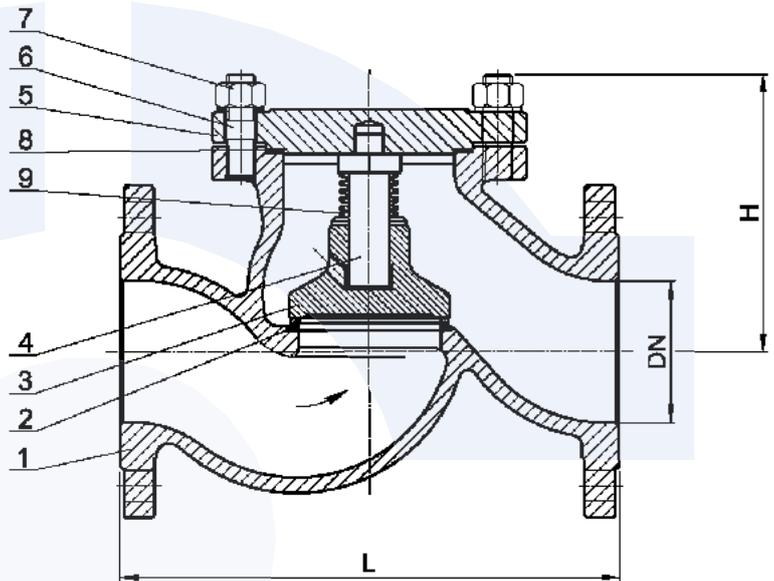
Bolted bonnet, Plug disc, With or without spring  
Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558, DIN3202-F1  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Seat ring	X20Cr13
3	Disc	
4	Stem	Stainless Steel
5	Bonnet	GP240GH - 1.0619
6	Bolt	25CrMo4
7	Nut	C45E
8	Gasket	Spiral wound / Soft iron
9	Spring	Stainless Steel



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L-RF	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	mm	100	105	120	130	135	149	160	169	194	222	255	305	360	415
Weight	kg	3,4	5	6	9	12	14	25	30	44	65	90	180	250	300

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3  
Disc: P245GH,(1.0352) 1.4308, 1.4408, 1.4306, 1.4301, Monel  
Seat: Cr 13, HF, 1.4308, 1.4408  
Gasket: Spiral wound, Soft iron  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Angle 32 Series PN 16



Type: **OMV-CHV-A-PL-PN 16**

EN/DIN

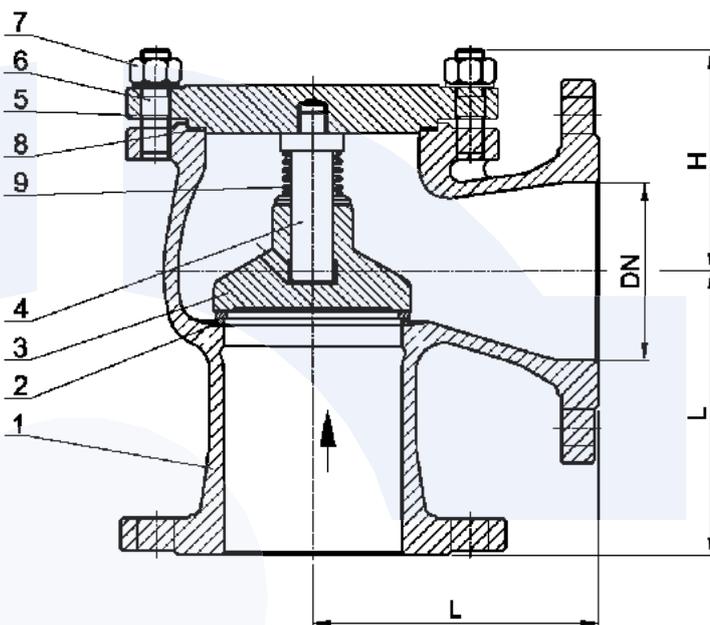
### DIN Lift Angle Check Valve Series F32 PN16

Bolted bonnet, Plug disc, With or without spring  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558 series 8, DIN3202-F32  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Seat ring	X20Cr13
3	Disc	
4	Stem	Stainless Steel
5	Bonnet	GP240GH - 1.0619
6	Bolt	25CrMo4
7	Nut	C45E
8	Gasket	Spiral wound / Soft iron
9	Spring	Stainless Steel



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	mm	90	95	100	105	115	125	145	155	175	200	225	275	325	375
H	mm	45	45	45	50	60	70	80	90	100	110	120	150	160	190
Weight	kg	3	3,5	4	6	8	11	14	22	30	40	60	110	170	228

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25  
Disc: P245GH,(1.0352) 1.4308, 1.4408, 1.4306, 1.4301, Monel  
Seat: Cr 13, HF, 1.4308, 1.4408  
Gasket: Spiral wound, Soft iron  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Angle 32 Series PN 25



Type: **OMV-CHV-A-PL-PN 25**

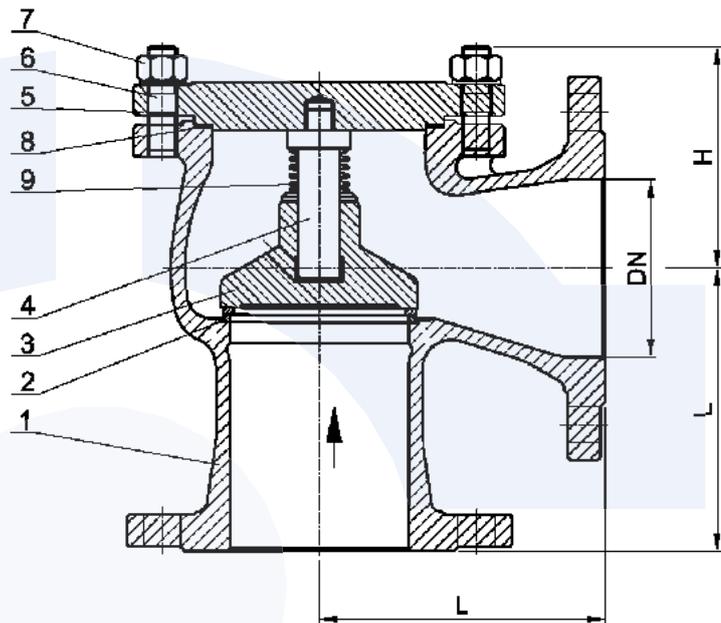
EN/DIN

**DIN Lift Angle Check Valve PN25 Series F32**  
Bolted bonnet, Plug disc, With or without spring  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558 series 8, DIN3202-F32  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Seat ring	X20Cr13
3	Disc	
4	Stem	Stainless Steel
5	Bonnet	GP240GH - 1.0619
6	Bolt	25CrMo4
7	Nut	C45E
8	Gasket	Spiral wound / Soft iron
9	Spring	Stainless Steel



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	mm	90	95	100	105	115	125	145	155	175	200	225	275	325	375
H	mm	45	45	45	50	60	70	80	90	100	110	120	150	160	190
Weight	kg	3	3,5	4	6	8	11	15	29	33	46	63	115	180	232

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3  
Disc: P245GH,(1.0352) 1.4308, 1.4408, 1.4306, 1.4301, Monel  
Seat: Cr 13, HF, 1.4308, 1.4408  
Gasket: Spiral wound, Soft iron  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Angle 32 Series PN 40

Type: **OMV-CHV-A-PL-PN 40**

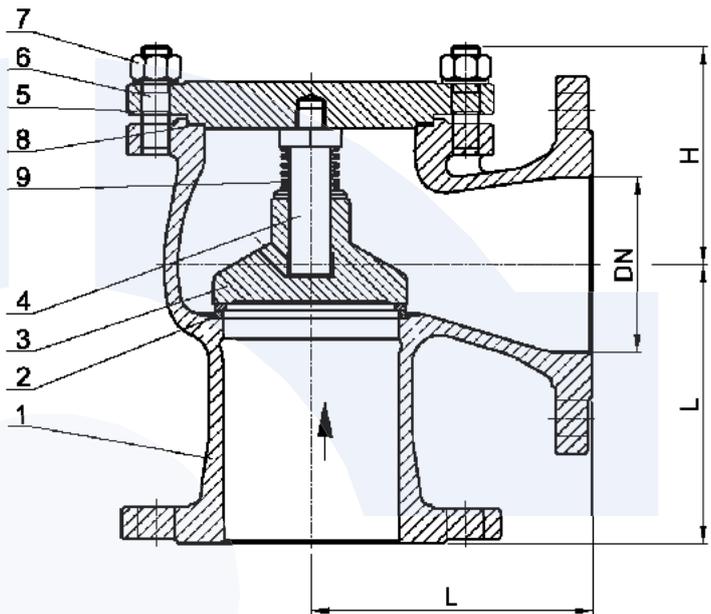
EN/DIN

**DIN Lift Angle Check Valve PN40 Series F32**  
 Bolted bonnet, Plug disc, With or without spring  
 Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
 Face to face dimension: DIN EN 558 series 8, DIN3202-F32  
 Flange connection: DIN EN 1092-1  
 Test and inspection: DIN EN 12266

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Seat ring	X20Cr13
3	Disc	
4	Stem	Stainless Steel
5	Bonnet	GP240GH - 1.0619
6	Bolt	25CrMo4
7	Nut	C45E
8	Gasket	Spiral wound / Soft iron
9	Spring	Stainless Steel



		DIMENSIONS													
Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	mm	90	95	100	105	115	125	145	155	175	200	225	275	325	375
H	mm	45	45	45	50	60	70	80	90	100	110	120	150	160	190
Weight	kg	3	3,5	4	6	8	11	16	26	35	50	65	120	185	248

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3  
 Disc: P245GH,(1.0352) 1.4308, 1.4408, 1.4306, 1.4301, Monel  
 Seat: Cr 13, HF, 1.4308, 1.4408  
 Gasket: Spiral wound, Soft iron  
 Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Swing Disc F1 Series PN 16



Type: **OMV-CHV-SD-PN 16**

EN/DIN

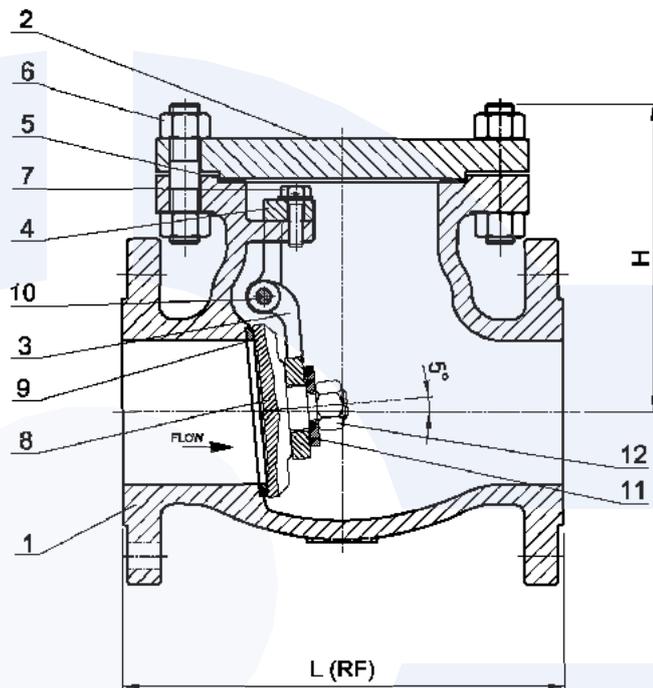
### DIN Swing Check Valve PN16 Series F1, DIN3202

Bolted bonnet  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN3202-F1, EN 558-1  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Cover	GP240GH - 1.0619
3	Hinge	GP240GH - 1.0619
4	Hinge Yoke	GP240GH - 1.0619
5	Gasket	Spiral wound / Soft iron
6	Bolt & Nut	25CrMo4 / C45E
7	Bolt	C45E
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



		DIMENSIONS										
Size	DN	50	65	80	100	125	150	200	250	300	350	400
L-RF	mm	230	290	310	350	400	480	600	730	850	980	1100
H	mm	305	354	402	437	496	541	699	815	914	1189	1350
Weight	kg	21	28	36	48	80	115	180	260	345	400	450

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3, GG25  
Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel  
Seat: Cr 13; HF, 1.4308, 1.4408  
Gasket: Spiral wound / Soft iron  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE



## Swing Disc F1 Series PN 25

Type: **OMV-CHV-SD-PN 25**

### DIN Swing Check Valve PN25 Series F1, DIN3202

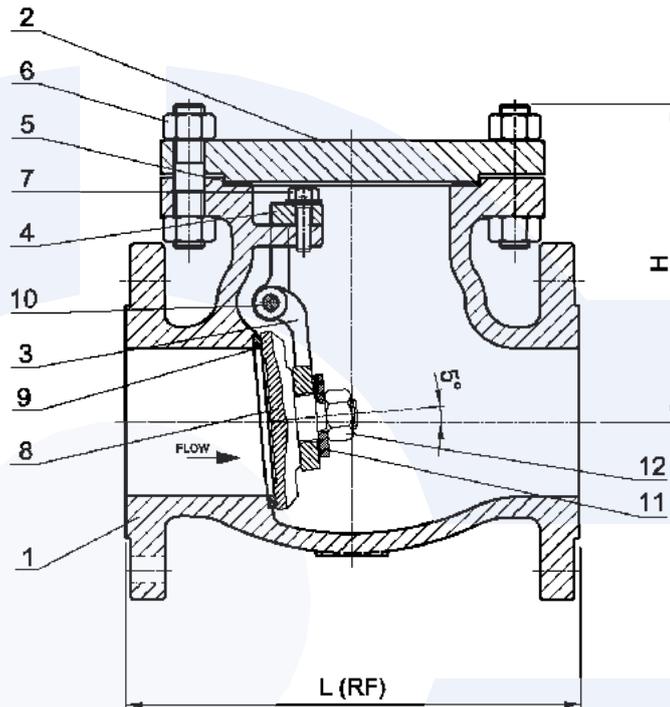
Bolted bonnet  
Threaded or welded seat ring

EN/DIN

### Standard compliance

Design and manufacture: DIN EN 13709; DIN EN 12516-2  
Face to face dimension: DIN3202-F1, EN 558-1  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Cover	GP240GH - 1.0619
3	Hinge	GP240GH - 1.0619
4	Hinge Yoke	GP240GH - 1.0619
5	Gasket	Spiral wound / Soft iron
6	Bolt & Nut	25CrMo4 / C45E
7	Bolt	C45E
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



		DIMENSIONS										
Size	DN	50	65	80	100	125	150	200	250	300	350	400
L-RF	mm	230	290	310	350	400	480	600	730	850	980	1100
H	mm	325	363	415	453	505	556	744	864	948	1269	1450
Weight	kg	22	29	38	50	85	120	190	270	365	450	500

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3,  
Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel  
Seat: Cr 13, HF, 1.4308, 1.4408  
Gasket: Spiral wound / Soft iron  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Swing Disc F1 Series PN 40



Type: **OMV-CHV-SD-PN 40**

EN/DIN

### DIN Swing Check Valve PN40 Series F1, DIN3202

Bolted bonnet

Threaded or welded seat ring

### Standard compliance

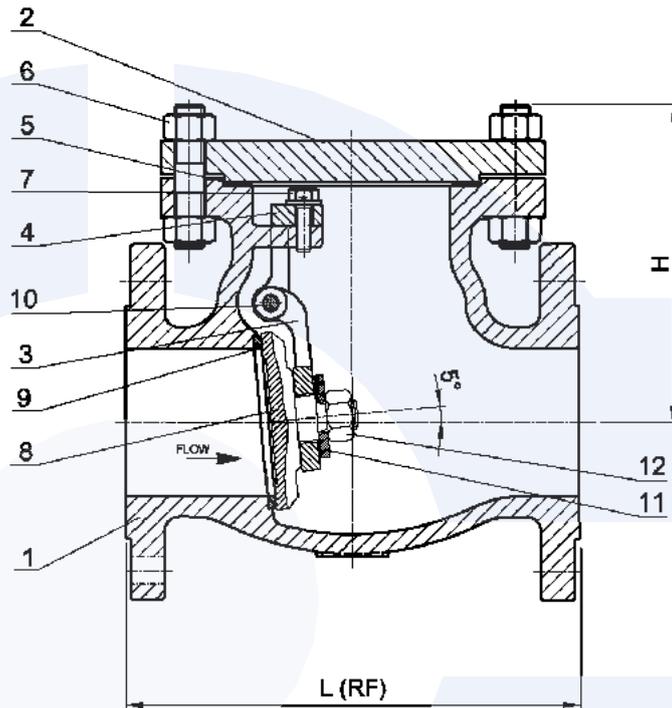
Design and manufacture: DIN EN 13709, DIN EN 12516-2

Face to face dimension: DIN3202-F1, EN 558-1

Flange connection: DIN EN 1092-1

Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Cover	GP240GH - 1.0619
3	Hinge	GP240GH - 1.0619
4	Hinge Yoke	GP240GH - 1.0619
5	Gasket	Spiral wound / Soft iron
6	Bolt & Nut	25CrMo4 / C45E
7	Bolt	C45E
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



		DIMENSIONS										
Size	DN	50	65	80	100	125	150	200	250	300	350	400
L-RF	mm	230	290	310	350	400	480	600	730	850	980	1100
H	mm	325	370	430	480	532	589	783	888	965	1285	1512
Weight	kg	22	31	40	55	90	130	200	290	390	500	560

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel

Seat: Cr 13, HF, 1.4308, 1.4408

Gasket: Spiral wound / Soft iron

Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Swing Disc F2 Series PN 63



Type: **OMV-CHV-SD-PN 63**

EN/DIN

### DIN Swing Check Valve PN63 Series F2, DIN3202

Bolted bonnet

Threaded or welded seat ring

### Standard compliance

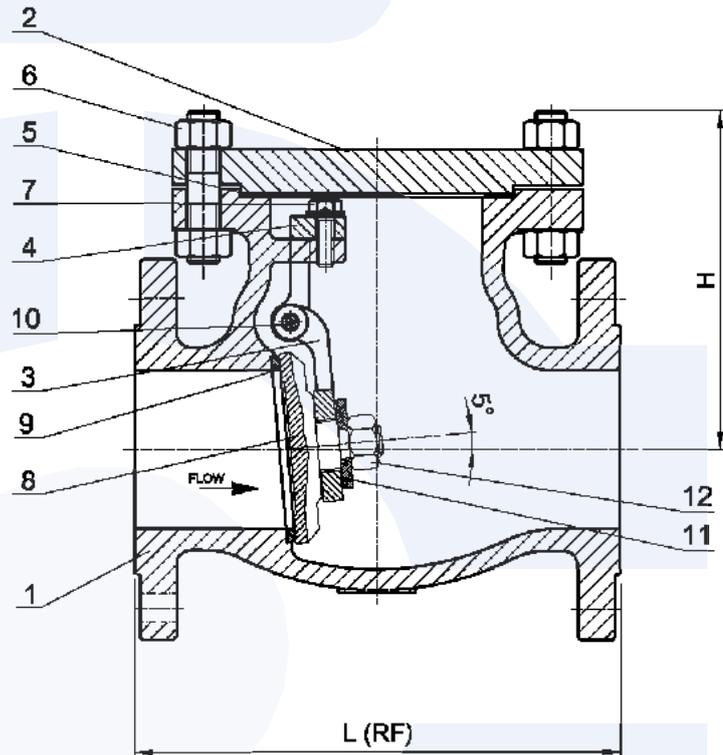
Design and manufacture: DIN EN 13709, DIN EN 12516-2

Face to face dimension: DIN3202-F2, EN558-2

Flange connection: DIN EN 1092-1

Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Cover	GP240GH - 1.0619
3	Hinge	GP240GH - 1.0619
4	Hinge Yoke	GP240GH - 1.0619
5	Gasket	Spiral wound / Soft iron
6	Bolt & Nut	25CrMo4 / C45E
7	Bolt	C45E
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



### DIMENSIONS

Size	DN	50	65	80	100	125	150	200	250	300	350	400
L-RF	mm	300	340	380	430	500	550	650	775	900	1025	1150
H	mm	305	354	402	437	496	541	699	815	914	1189	1350
Weight	kg	25	34	50	80	130	170	250	350	600	750	1150

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3

Disc: P245GH(1.0352), 1.4308; 1.4408, 1.4306, 1.4301, Monel

Seat: Cr 13, HF, 1.4308, 1.4408

Gasket: Spiral wound / Soft iron

Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Swing Disc F2 Series PN 100



Type: **OMV-CHV-SD-PN100**

EN/DIN

### DIN Swing Check Valve PN100 Series F2, DIN3202

Bolted bonnet

Threaded or welded seat ring

### Standard compliance

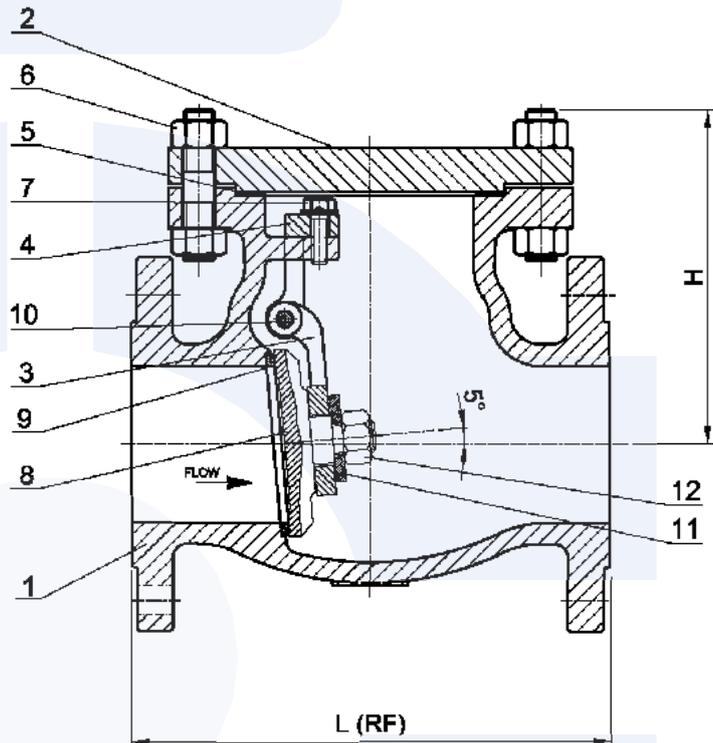
Design and manufacture: DIN EN 13709; DIN EN 12516-2

Face to face dimension: DIN3202-F2, EN558-2

Flange connection: DIN EN 1092-1

Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Cover	GP240GH - 1.0619
3	Hinge	GP240GH - 1.0619
4	Hinge Yoke	GP240GH - 1.0619
5	Gasket	Spiral wound / Soft iron
6	Bolt & Nut	25CrMo4 / C45E
7	Bolt	C45E
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



### DIMENSIONS

Size	DN	50	65	80	100	125	150	200	250	300	350	400
L-RF	mm	300	340	380	430	500	550	650	775	900	1025	1150
H	mm	325	363	415	453	505	556	744	864	948	1269	1450
Weight	kg	30	40	60	92	140	195	280	406	670	850	1260

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301, GGG40.3

Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel

Seat: Cr 13, HF, 1.4308, 1.4408

Gasket: Spiral wound / Soft iron

Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

### Other material on request

# CHECK VALVE

## Swing Disc F8 Series PN 160

Type: **OMV-CHV-SD-PN160**

EN/DIN

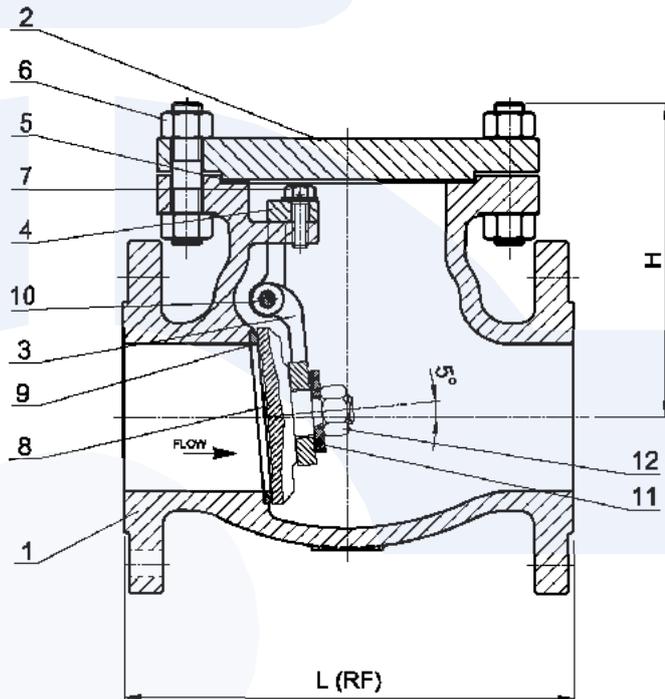
### DIN Swing Check Valve PN160 Series F8, DIN3202

Bolted bonnet  
Threaded or welded seat ring

### Standard compliance

Design and manufacture: DIN EN 13709, DIN EN 12516-2  
Face to face dimension: DIN EN 558, DIN3202-F8, EN 558 series 99  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	GP240GH - 1.0619
2	Cover	GP240GH - 1.0619
3	Hinge	GP240GH - 1.0619
4	Hinge Yoke	GP240GH - 1.0619
5	Gasket	Spiral wound / Soft iron
6	Bolt & Nut	25CrMo4 / C45E
7	Bolt	C45E
8	Disc	CS + SS / SS / SS + Stl
9	Seat ring	CS + SS / SS / SS + Stl
10	Hinge pin	Carbon Steel / SS
11	Washer	Carbon Steel / SS
12	Disc Nut	Carbon Steel / SS



### DIMENSIONS

Size	DN	50	65	80	100	125	150	200	250	300	350	400
L-RF	mm	300	360	390	450	525	600	750	900	1050	1200	1350
H	mm	325	370	430	480	532	589	783	888	965	1285	1512
Weight	kg	40	48	63	95	145	200	320	480	750	960	1400

### Alternative materials:

Body & Bonnet: P245GH(1.0352), 1.4308, 1.4306, 1.4301  
Disc: P245GH(1.0352), 1.4308, 1.4408, 1.4306, 1.4301, Monel  
Seat: Cr 13, HF, 1.4308, 1.4408  
Gasket: Spiral wound / Soft iron  
Bolts & Nuts: 25CrMo4, C35E / C45E, C35E

Other material on request

# CHECK VALVE

## Wafer Swing Disc PN 10

Type: **OMV-CHV-WAF-SD-PN 10**

EN/DIN

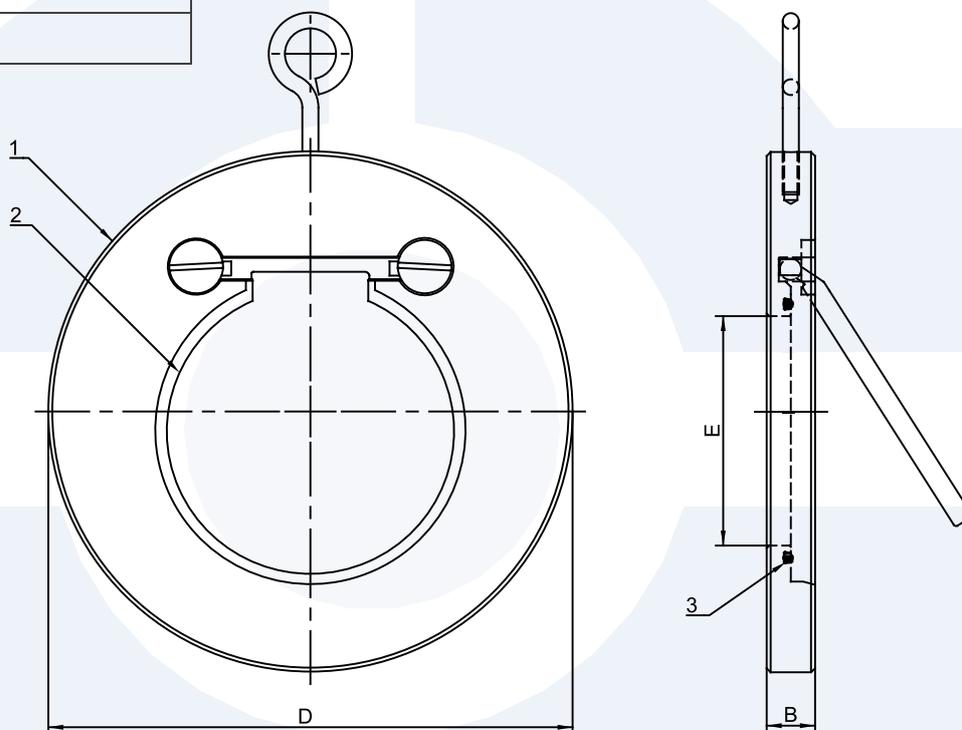
### DIN Wafer Swing Check Valve PN 10

One-piece body, wafer end  
Available option with spring

### Compliance standard

Design and manufacture: DIN EN 13709; DIN EN 12516-2  
Face to face dimension: DIN3202-K4, EN 558-1 series 97  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	CS / 1.4401
2	Disc	1.4401
3	O-ring	NBR



		DIMENSIONS											
Size	DN	40	50	65	80	100	125	150	200	250	300	350	400
B	mm	14	14	14	14	18	18	20	22	26	32	38	44
E	mm	22	32	40	54	70	92	112	154	192	240	270	310
D	mm	95	110	130	145	165	195	220	275	330	380	440	490
Weight	kg	0,7	0,9	1,2	1,5	2,4	3,4	4,6	7,5	13	20	32	48

### Alternative materials:

Body: 1.4301, Bronze  
Disc: 1.4301  
O-ring: FMQ, Viton

Other material on request

# CHECK VALVE



## Wafer Swing Disc PN 16

Type: **OMV-CHV-WAF-SD-PN 16**

EN/DIN

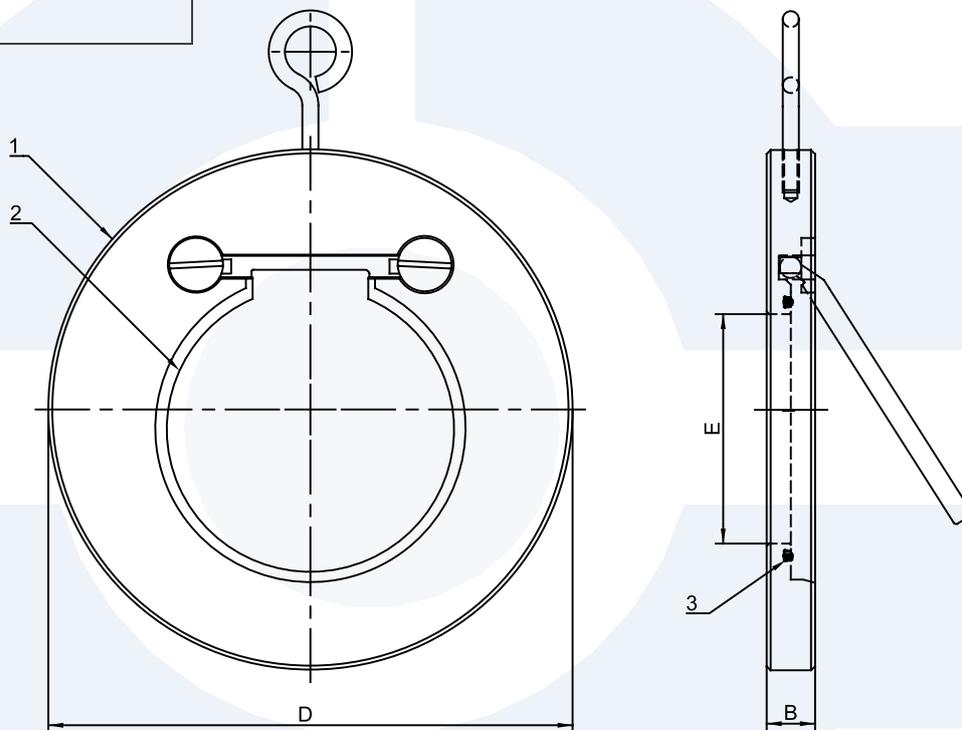
### DIN Wafer Swing Check Valve PN 16

One-piece body, wafer end  
Available option with spring

### Compliance standard

Design and manufacture: DIN EN 13709; DIN EN 12516-2  
Face to face dimension: DIN3202-K4, EN 558-1 series 97  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	CS / 1.4401
2	Disc	1.4401
3	O-ring	NBR



		DIMENSIONS												
Size	DN	40	50	65	80	100	125	150	200	250	300	350	400	
B	mm	14	14	14	14	18	18	20	22	26	32	38	44	
E	mm	22	32	40	54	70	92	112	154	192	240	270	310	
D	mm	95	110	130	145	165	195	220	275	330	387	447	495	
Weight	kg	0,7	0,9	1,2	1,5	2,4	3,4	4,6	7,5	13	20	32	48	

### Alternative materials:

Body: 1.4301, Bronze  
Disc: 1.4301  
O-ring: FMQ, Viton

Other material on request

# CHECK VALVE

## Wafer Swing Disc with o-ring PN 10

Type: **OMV-CHV-WAF-SD-O-PN 10**

EN/DIN

### DIN Wafer Swing Check Valve with o-ring PN 10

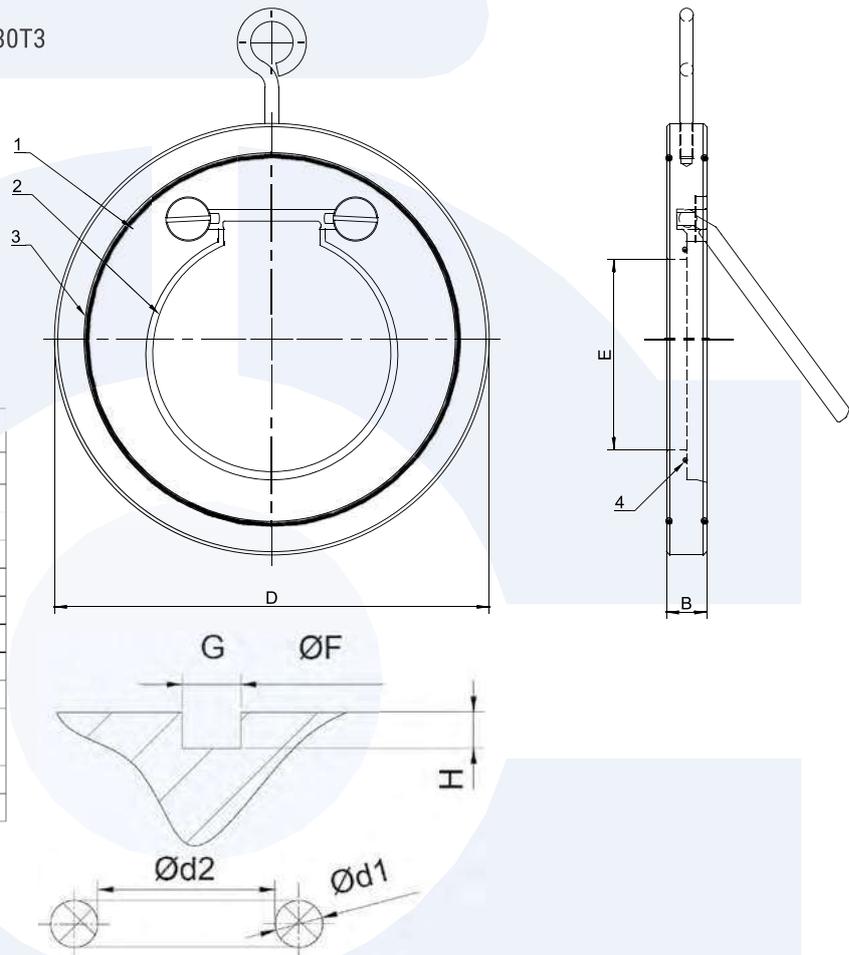
One-piece body, wafer end  
Available option with spring

#### Compliance standard

Design and manufacture: DIN EN 13709; DIN EN 12516-2  
Face to face dimension: DIN3202-K4, EN 558-1 series 97  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	CS / 1.4401
2	Disc	1.4401
3	O-ring	NBR (Buna)
4	O-ring	NBR

DN	GROOVE DIMENSIONS			O RING DIMENSIONS
	F	G	H	d2xd1
40	65	7.2	3.6	62,87x5,33
50	75	7.2	3.6	72,39x5,33
65	90	7.2	3.6	88,27x5,33
80	105	7.2	3.6	100,97x5,33
100	133	7.2	3.6	129,54x5,33
125	160	7.2	3.6	158,12x5,33
150	186	7.2	3.6	183,52x5,33
200	245	9.4	4.8	240,67x8,99
250	294	9.4	4.8	291,47x8,99
300	345	9.4	4.8	342,27x8,99
350	382	9.4	4.8	380,37x8,99
400	445	9.4	4.8	443,36x8,99



Size	DN	DIMENSIONS											
		40	50	65	80	100	125	150	200	250	300	350	400
B	mm	14	14	14	14	18	18	20	22	26	32	38	44
E	mm	22	32	40	54	70	92	112	154	192	240	270	310
D	mm	95	108	128	143	163	193	219	274	329	379	438	489
Weight	kg	0,7	0,9	1,2	1,5	2,4	3,4	4,6	7,5	13	20	32	48

#### Alternative materials:

Body: 1.4301, Bronze  
Disc: 1.4301  
O-ring: FMQ, Viton

Other material on request

# CHECK VALVE

## Wafer Swing Disc with o-ring PN 16

Type: **OMV-CHV-WAF-SD-O-PN 16**

EN/DIN

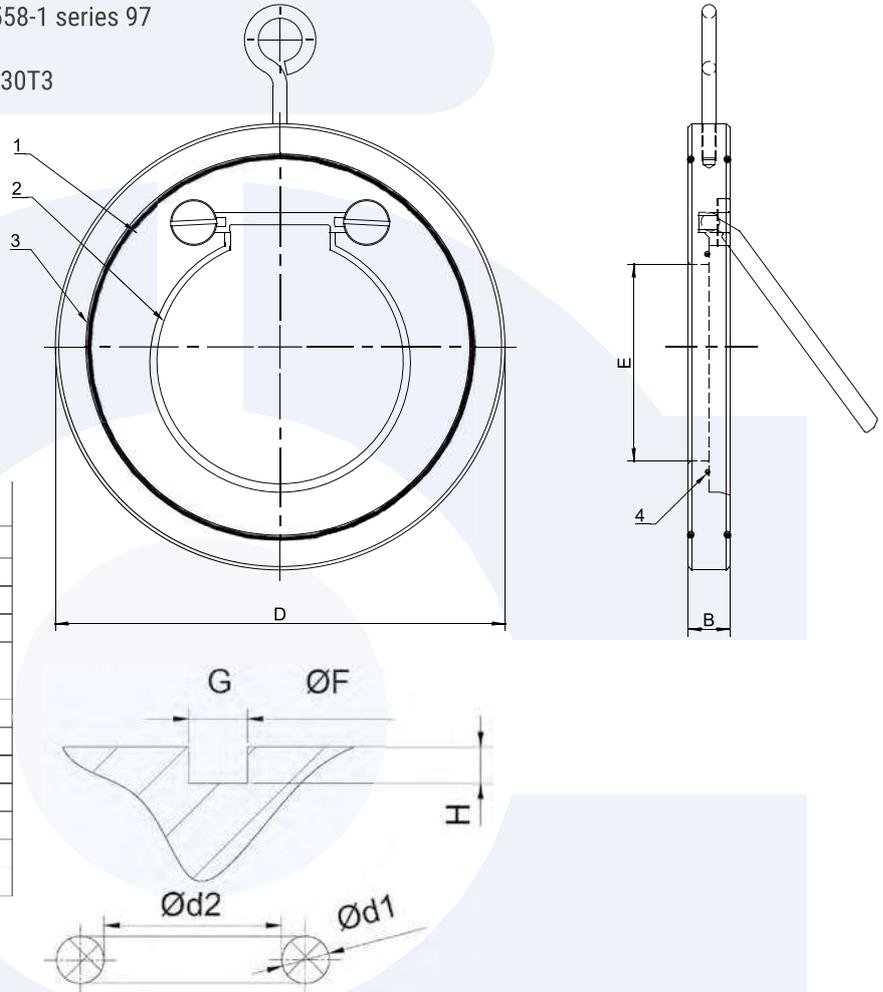
### DIN Wafer Swing Check Valve with o-ring PN 16

One-piece body, wafer end  
Available option with spring

#### Compliance standard

Design and manufacture: DIN EN 13709; DIN EN 12516-2  
Face to face dimension: DIN3202-K4, EN 558-1 series 97  
Flange connection: DIN EN 1092-1  
Test and inspection: DIN EN 12266, DIN3230T3

Item	Description Part name	Material
1	Body	CS / 1.4401
2	Disc	1.4401
3	O-ring	NBR (Buna)
4	O-ring	NBR



DN	GROOVE DIMENSIONS			O RING DIMENSIONS
	F	G	H	d2xd1
40	65	7.2	3.6	62,87x5,33
50	75	7.2	3.6	72,39x5,33
65	90	7.2	3.6	88,27x5,33
80	105	7.2	3.6	100,97x5,33
100	133	7.2	3.6	129,54x5,33
125	160	7.2	3.6	158,12x5,33
150	188	7.2	3.6	183,52x5,33
200	245	9.4	4.8	240,67x6,99
250	294	9.4	4.8	291,47x6,99
300	345	9.4	4.8	342,27x6,99
350	382	9.4	4.8	380,37x6,99
400	445	9.4	4.8	443,36x6,99

		DIMENSIONS												
Size	DN	40	50	65	80	100	125	150	200	250	300	350	400	
B	mm	14	14	14	14	18	18	20	22	26	32	38	44	
E	mm	22	32	40	54	70	92	112	154	192	240	270	310	
D	mm	93	108	128	143	163	193	219	274	329	385	444	495	
Weight	kg	0,7	0,9	1,2	1,5	2,4	3,4	4,6	7,5	13	20	32	48	

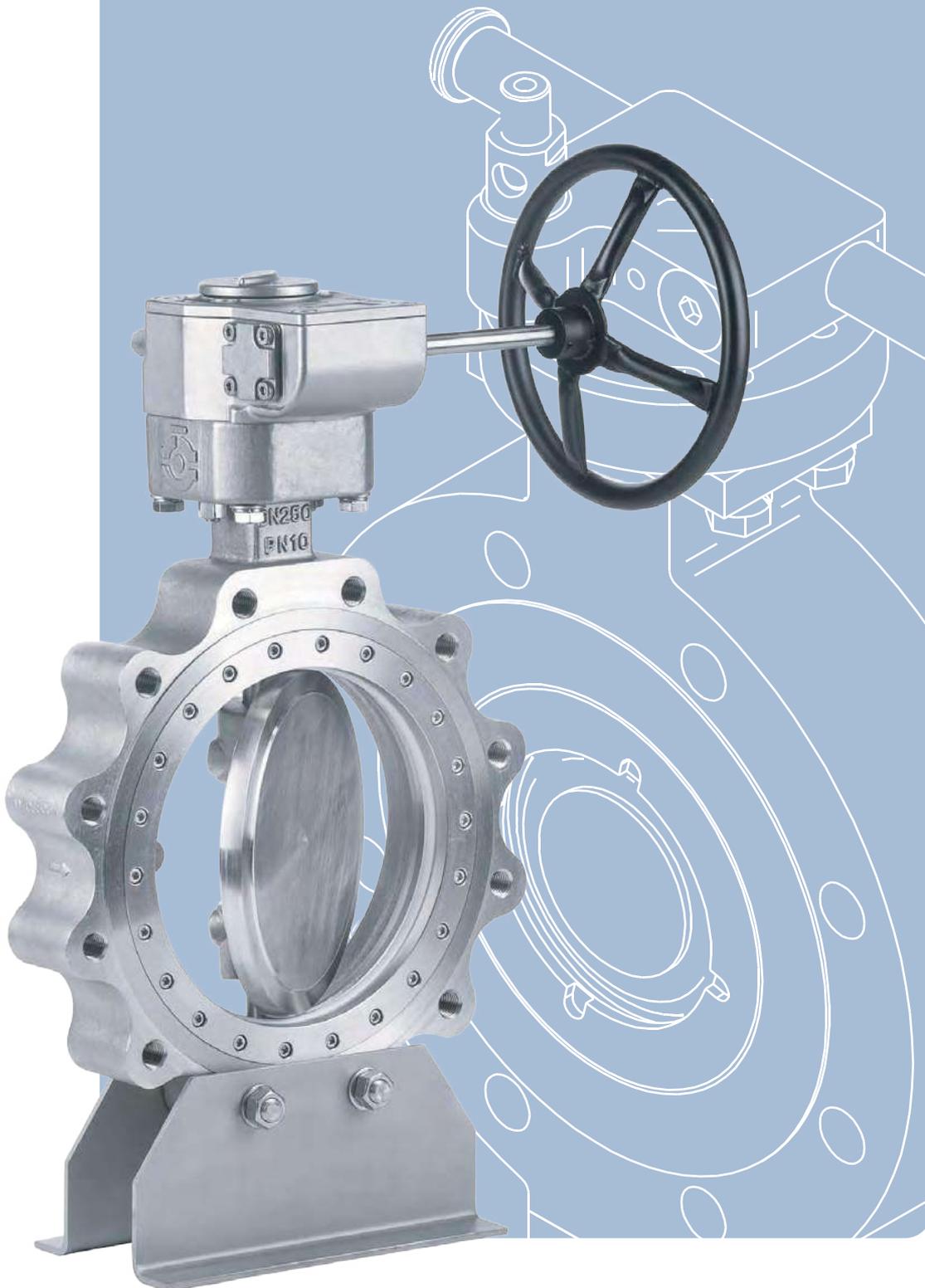
#### Alternative materials:

Body: 1.4301, Bronze  
Disc: 1.4301  
O-ring: FMQ, Viton

Other material on request



# BUTTERFLY VALVES



# BUTTERFLY VALVE

## Double Eccentric Flanged PN 10

Type: OMV-BUV-DE-PN 10

EN/DIN

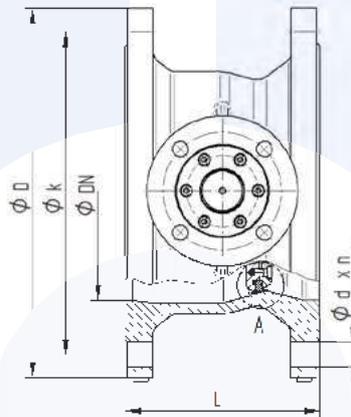
### Double Eccentric Butterfly Valve

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

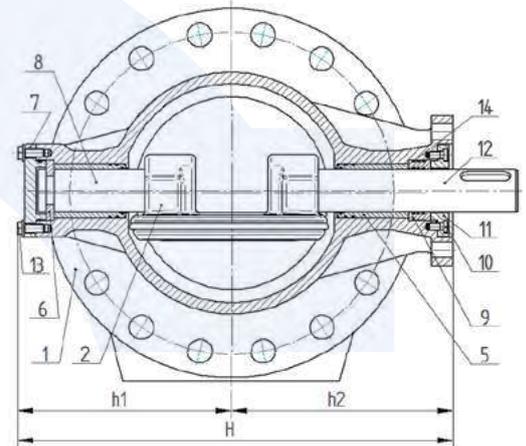
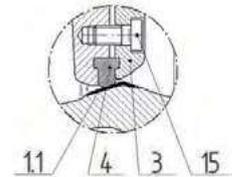
### Standard compliance

Design and manufacture: EN 593, EN 12516  
Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	EN-GJS-400-15
1.1	Body seat	CrNi weld overlay
2	Disc	EN-GJS-400-15
3	Retaining ring	S355JR
4	Seal	EPDM, NBR
5	Bearing bush	Bronze / Steel / PTFE
6	Axial bearing	Bronze
7	Cover	EN-GJS-400-15
8	Shaft	1.4057
9	O ring bush	Bronze
10	Bolt	A2
11	Drive shaft cover	S355JR
12	Drive shaft	1.4057
13	Bolts & Nuts	A2
14	O ring	EPDM, NBR
15	Set screw	A4-70



DETAIL A



DN	L	D	kxnx PN 10	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
100	190	220	180x8x19	144	165	309	26
150	210	285	240x8x23	169	172	341	40
200	230	340	295x8x23	210	235	445	60
250	250	395	350x12x23	240	262	502	92
300	270	445	400x12x23	291	322	613	120
350	290	505	460x16x23	320	362	682	165
400	310	565	515x16x28	355	365	720	208
450	330	615	565x20x28	375	410	785	238
500	350	670	620x20x28	445	472	917	332
600	390	780	725x20x31	490	525	1015	455
700	430	895	840x24x31	525	562	1087	595
800	470	1015	950x24x34	600	625	1225	783
900	510	1115	1050x28x34	710	752	1462	1075
1000	550	1230	1160x28x37	735	756	1491	1290
1100	590	1340	1270x32x37	753	790	1543	1625
1200	630	1455	1380x32x41	832	856	1688	2240
1400	710	1675	1590x36x44	975	1035	2010	2845
1600	790	1915	1820x40x50	1100	1165	2265	4986
1800	870	2115	2020x44x50	1280	1572	2852	5496
2000	950	2325	2230x48x50	1520	1900	3420	8200

Other material on request.

Rubber lined for sea-water application.

Also available in welded steel design.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Double Eccentric Flanged PN 16

Type: OMV-BUV-DE-PN 16

EN/DIN

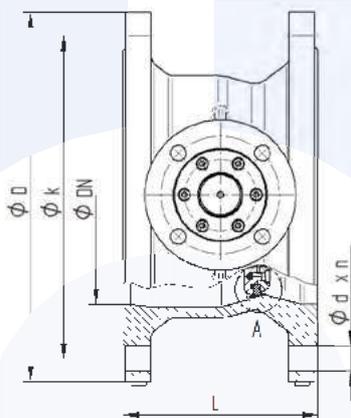
### Double Eccentric Butterfly Valve

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

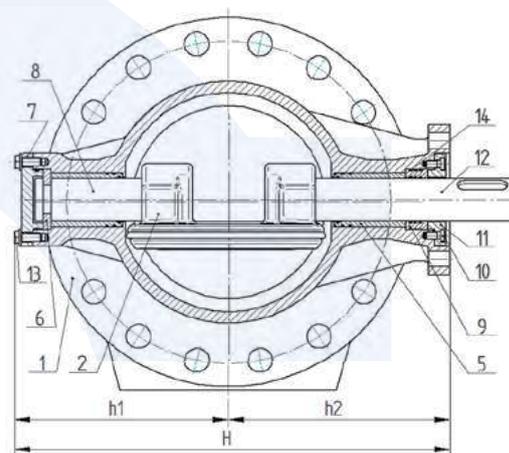
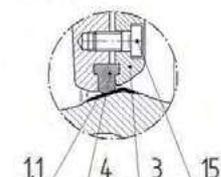
### Standard compliance

Design and manufacture: EN 593, EN 12516  
Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	EN-GJS-400-15
1.1	Body seat	CrNi weld overlay
2	Disc	EN-GJS-400-15
3	Retaining ring	S355JR
4	Seal	EPDM, NBR
5	Bearing bush	Bronze / Steel / PTFE
6	Axial bearing	Bronze
7	Cover	EN-GJS-400-15
8	Shaft	1.4057
9	O ring bush	Bronze
10	Bolt	A2
11	Drive shaft cover	S355JR
12	Drive shaft	1.4057
13	Bolts & Nuts	A2
14	O ring	EPDM, NBR
15	Set screw	A4-70



DETAIL A



DN	L	D	kxnx PN 16	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
100	190	220	180x8x19	144	165	309	26
150	210	285	240x8x23	169	172	341	40
200	230	340	295x12x23	210	235	445	60
250	250	405	355x12x28	240	262	502	92
300	270	460	410x12x28	291	322	613	120
350	290	520	470x16x28	320	362	682	165
400	310	580	525x16x31	355	365	720	208
450	330	640	585x20x31	375	410	785	238
500	350	715	650x20x34	445	472	917	332
600	390	840	770x20x37	490	525	1015	455
700	430	910	840x24x37	525	562	1087	595
800	470	1025	950x24x41	600	625	1225	783
900	510	1125	1050x28x41	710	752	1462	1075
1000	550	1255	1170x28x44	735	756	1491	1290
1100	590	1355	1270x32x44	753	790	1543	1625
1200	630	1485	1390x32x50	832	856	1688	2240
1400	710	1685	1590x36x50	975	1035	2010	2845
1600	790	1930	1820x40x57	1100	1165	2265	4986
1800	870	2130	2020x44x57	1280	1572	2852	5496
2000	950	2345	2230x48x62	1520	1900	3420	8200

Other material on request.

Rubber lined for sea-water application.

Also available in welded steel design.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Double Eccentric Flanged PN 25

Type: OMV-BUV-DE-PN 25

EN/DIN

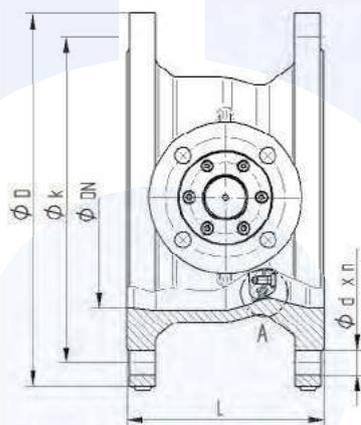
### Double Eccentric Butterfly Valve

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque

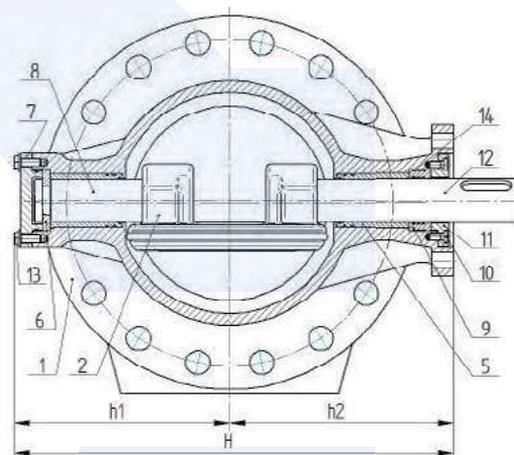
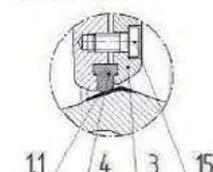
### Standard compliance

Design and manufacture: EN 593, EN 12516  
Face to face dimension: EN 558-1 Series 14, DIN3202-F4  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	EN-GJS-400-15
1.1	Body seat	CrNi weld overlay
2	Disc	EN-GJS-400-15
3	Retaining ring	S355JR
4	Seal	EPDM, NBR
5	Bearing bush	Bronze / Steel / PTFE
6	Axial bearing	Bronze
7	Cover	EN-GJS-400-15
8	Shaft	1.4057
9	O ring bush	Bronze
10	Bolt	A2
11	Drive shaft cover	S355JR
12	Drive shaft	1.4057
13	Bolts & Nuts	A2
14	O ring	EPDM, NBR
15	Set screw	A4-70



DETAIL A



DN	L	D	kxnx PN 25	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
100	190	235	190X8X23	144	156	300	35
150	210	300	250X8X28	162	180	342	52
200	230	360	310x12x28	210	235	445	78
250	250	425	370x12x31	240	265	505	148
300	270	485	430x16x31	291	325	616	178
350	290	555	490x16x34	320	355	675	210
400	310	620	550x16x37	345	376	721	286
450	330	670	600x20x37	375	395	770	330
500	350	730	660x20x37	445	483	928	480
600	390	845	770x20x41	515	542	1057	680
700	430	960	875x24x44	525	557	1082	920
800	470	1085	990x24x50	655	686	1341	1215
900	510	1185	1090x28x50	705	745	1450	1760
1000	550	1320	1210x28x57	760	795	1555	2086
1200	630	1530	1420x32x57	910	956	1866	2650

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Double Eccentric Flanged PN 40

Type: OMV-BUV-DE-PN 40

EN/DIN

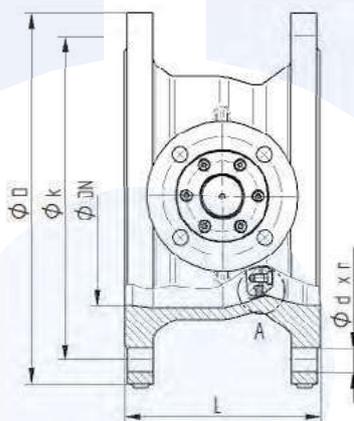
### Double Eccentric Butterfly Valve

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque

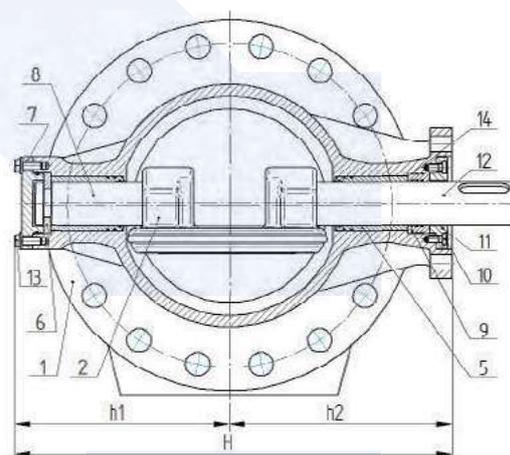
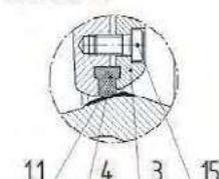
### Standard compliance

Design and manufacture: EN 593, EN 12516  
Face to face dimension: EN 558-1 Series 14, DIN3202-F4  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	EN-GJS-400-15
1.1	Body seat	CrNi weld overlay
2	Disc	EN-GJS-400-15
3	Retaining ring	S355JR
4	Seal	EPDM, NBR
5	Bearing bush	Bronze / Steel / PTFE
6	Axial bearing	Bronze
7	Cover	EN-GJS-400-15
8	Shaft	1.4057
9	O ring bush	Bronze
10	Bolt	A2
11	Drive shaft cover	S355JR
12	Drive shaft	1.4057
13	Bolts & Nuts	A2
14	O ring	EPDM, NBR
15	Set screw	A4-70



DETAIL A



DN	L	D	kxnx d PN 40	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
100	190	235	190x8x23	135	147	282	40
150	210	300	250x8x28	170	188	358	62
200	230	375	320x12x31	215	225	440	106
250	250	450	385x12x34	250	270	520	176
300	270	515	450x16x34	300	315	615	190
350	290	580	510x16x37	325	342	667	275
400	310	660	585x16x41	360	382	742	345
450	330	685	610x20x41	380	398	778	475
500	350	755	670x20x44	455	478	933	530
600	390	890	795x20x50	530	555	1085	745
700	430	995	900x24x50	535	560	1095	1145
800	470	1140	1030x24x56	670	692	1362	1780

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Eccentric Flanged Metal Seated PN 10

Type: OMV-BUV-TE-PN 10

EN/DIN

### Metal Seated Triple Eccentric Butterfly Valve

Butterfly valve with triple offset, zero leakage even at higher temperatures

High pressure and fireproof design

Bidirectional sealing, maintenance free design

Blowout protection. Low torque requirement.

### Standard compliance

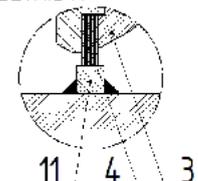
Design and manufacture: EN 593, EN 12516

Face to face dimension: EN 558-1 Series 14, DIN 3202-F4

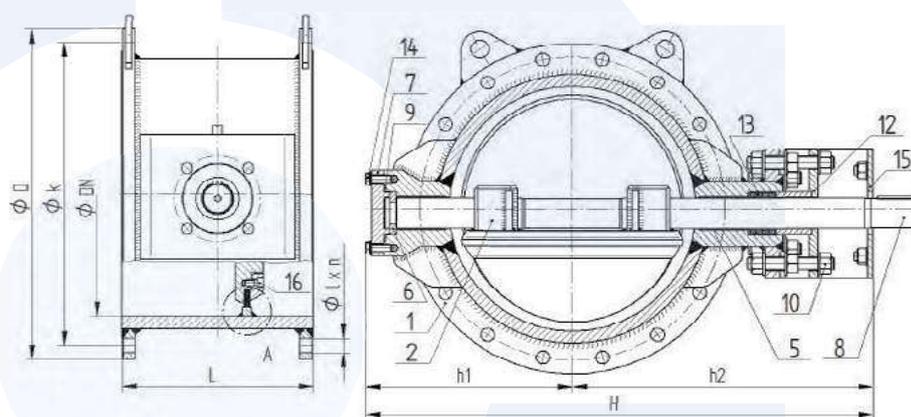
Flange connection: EN 1092-1, on request

Test and inspection: EN 12266

DETAIL A



Item	Description Part name	Material
1	Body	P265GH+N
2	Disc	P265GH+N
3	Retaining ring	P265GH+N
4	Lamellar seal	1.4571 / Graphite
5	Bearing bush	EN-GJSA-XNiCr20-2
6	Axial bearing	EN-GJSA-XNiCr20-2
7	Cover	P265GH+N
8	Shaft	1.4057
9	Cover gasket	Graphite
10	Bolt, Nut, Washer	A2
11	Body seat	1.4301
12	Gland	1.4301
13	Gland packing	Graphite
14	Bolt, Washer	A2
15	Stand	S355J2+N
16	Set screw	A4-70



DN	L	D	kxnx d PN 10	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
200	230	340	295x8x23	195	380	575	61
250	250	395	350x12x23	240	385	625	88
300	270	445	400x12x23	292	395	687	115
350	290	505	460x16x23	320	430	750	176
400	310	565	515x16x28	345	505	850	235
450	330	615	565x20x28	370	520	890	315
500	350	670	620x20x28	442	590	1032	382
600	390	780	725x20x31	515	660	1175	536
700	430	895	840x24x31	525	686	1211	620
800	470	1015	950x24x34	655	825	1480	855
900	510	1115	1050x28x34	710	890	1600	1150
1000	550	1230	1160x28x37	760	945	1705	1550
1200	630	1455	1380x32x41	855	1065	1920	2660
1400	710	1675	1590x36x44	975	1182	2157	5100
1600	790	1915	1820x40x50	1100	1322	2422	7200

### Other material on request.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Eccentric Flanged Metal Seated PN 16

Type: OMV-BUV-TE-PN 16

EN/DIN

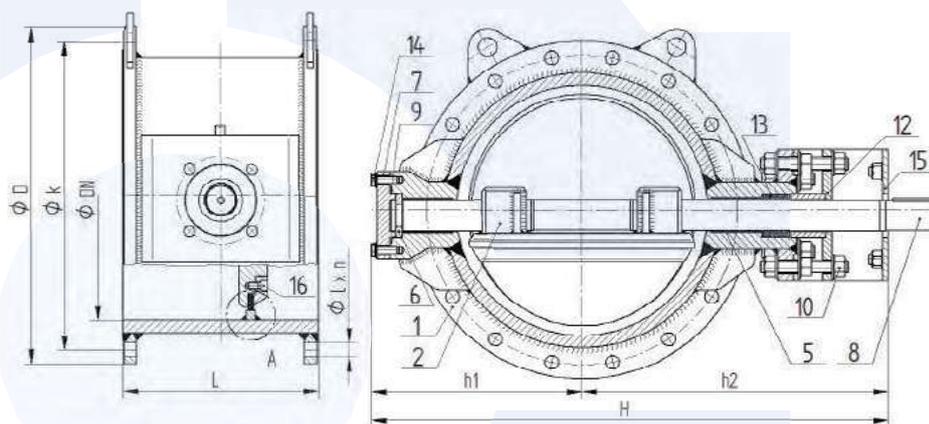
### Metal Seated Triple Eccentric Butterfly Valve

Butterfly valve with triple offset, zero leakage even at higher temperatures  
High pressure and fireproof design  
Bidirectional sealing, maintenance free design  
Blowout protection. Low torque requirement.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
Flange connection: EN 1092-1, on request  
Test and inspection: EN 12266

Item	Description Part name	Material
1	Body	P265GH+N
2	Disc	P265GH+N
3	Retaining ring	P265GH+N
4	Lamellar seal	1.4571 / Graphite
5	Bearing bush	EN-GJSA-XNiCr20-2
6	Axial bearing	EN-GJSA-XNiCr20-2
7	Cover	P265GH+N
8	Shaft	1.4057
9	Cover gasket	Graphite
10	Bolt, Nut, Washer	A2
11	Body seat	1.4301
12	Gland	1.4301
13	Gland packing	Graphite
14	Bolt, Washer	A2
15	Stand	S355J2+N
16	Set screw	A4-70



DN	L	D	kxnx d PN 16	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
200	230	340	295x12x23	195	380	575	61
250	250	405	355x12x28	240	385	625	88
300	270	460	410x12x28	292	395	687	115
350	290	520	470x16x28	320	430	750	176
400	310	580	525x16x31	345	505	850	235
450	330	640	585x20x31	370	520	890	315
500	350	715	650x20x34	442	590	1032	382
600	390	840	770x20x37	515	660	1175	536
700	430	910	840x24x37	525	686	1211	620
800	470	1025	950x24x41	655	825	1480	855
900	510	1125	1050x28x41	710	890	1600	1150
1000	550	1255	1170x28x44	760	945	1705	1550
1200	630	1485	1390x32x50	855	1065	1920	2660
1400	710	1685	1590x36x50	975	1182	2157	5100
1600	790	1930	1820x40x57	1100	1322	2422	7200

### Other material on request.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Eccentric Flanged Metal Seated PN 25

Type: **OMV-BUV-TE-PN 25**

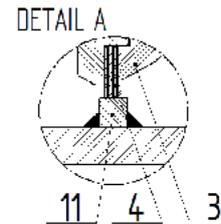
EN/DIN

### Metal Seated Triple Eccentric Butterfly Valve

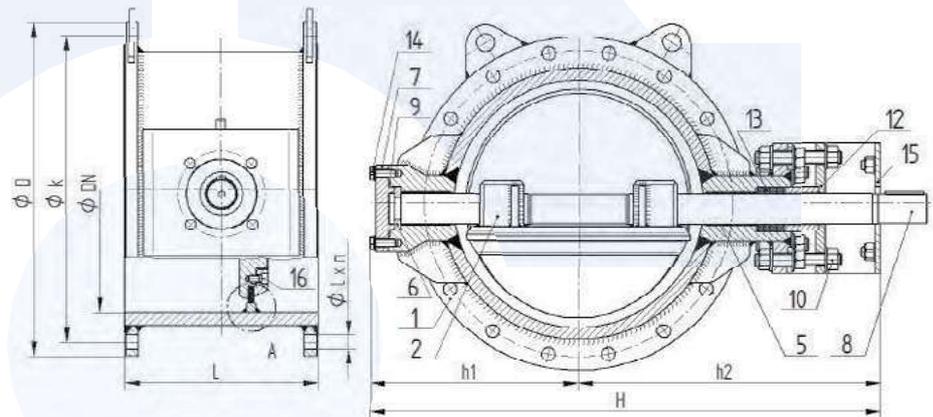
Butterfly valve with triple offset, zero leakage even at higher temperatures  
 High pressure and fireproof design  
 Bidirectional sealing, maintenance free design  
 Blowout protection. Low torque requirement.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
 Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
 Flange connection: EN 1092-1, on request  
 Test and inspection: EN 12266



Item	Description Part name	Material
1	Body	P265GH+N
2	Disc	P265GH+N
3	Retaining ring	P265GH+N
4	Lamellar seal	1.4571 / Graphite
5	Bearing bush	EN-GJSA-XNiCr20-2
6	Axial bearing	EN-GJSA-XNiCr20-2
7	Cover	P265GH+N
8	Shaft	1.4057
9	Cover gasket	Graphite
10	Bolt, Nut, Washer	A2
11	Body seat	1.4301
12	Gland	1.4301
13	Gland packing	Graphite
14	Bolt, Washer	A2
15	Stand	S355J2+N
16	Set screw	A4-70



DN	L	D	kxnx d PN 25	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
200	230	360	310x12x28	195	380	575	76
250	250	425	370x12x31	240	385	625	104
300	270	485	430x16x31	292	395	687	135
350	290	555	490x16x34	320	430	750	205
400	310	620	550x16x37	345	505	850	265
450	330	670	600x20x37	370	520	890	340
500	350	730	660x20x37	442	590	1032	415
600	390	845	770x20x41	515	660	1175	566
700	430	960	875x24x44	525	686	1211	730
800	470	1085	990x24x50	655	825	1480	978
900	510	1185	1090x28x50	710	890	1600	1305
1000	550	1320	1210x28x57	760	945	1705	1705
1200	630	1530	1420x32x57	710	945	1655	2880

### Other material on request.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Eccentric Flanged Metal Seated PN 40

Type: OMV-BUV-TE-PN 40

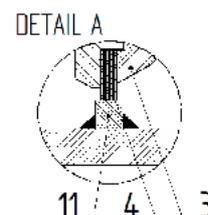
EN/DIN

### Metal Seated Triple Eccentric Butterfly Valve

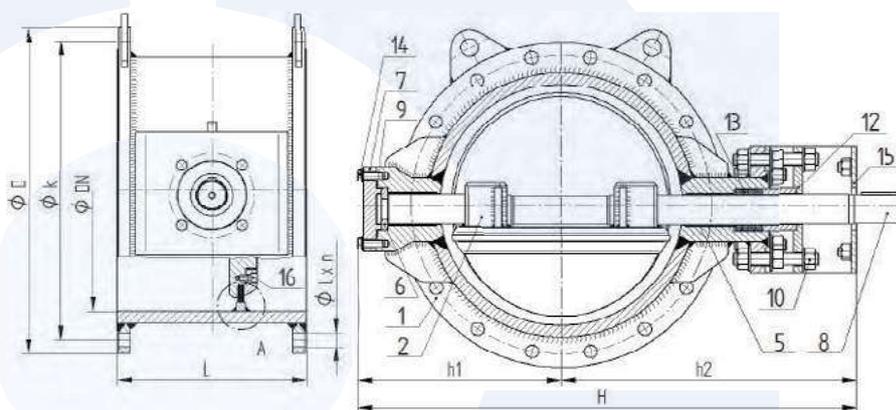
Butterfly valve with triple offset, zero leakage even at higher temperatures  
High pressure and fireproof design  
Bidirectional sealing, maintenance free design  
Blowout protection. Low torque requirement.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
Flange connection: EN 1092-1, on request  
Test and inspection: EN 12266



Item	Description Part name	Material
1	Body	P265GH+N
2	Disc	P265GH+N
3	Retaining ring	P265GH+N
4	Lamellar seal	1.4571 / Graphite
5	Bearing bush	EN-GJSA-XNiCr20-2
6	Axial bearing	EN-GJSA-XNiCr20-2
7	Cover	P265GH+N
8	Shaft	1.4057
9	Cover gasket	Graphite
10	Bolt, Nut, Washer	A2
11	Body seat	1.4301
12	Gland	1.4301
13	Gland packing	Graphite
14	Bolt, Washer	A2
15	Stand	S355J2+N
16	Set screw	A4-70



DN	L	D	kxnxD PN 40	h <sub>1</sub>	h <sub>2</sub>	H	Weight, kg
200	230	375	320x12x31	195	380	575	141
250	250	450	385x12x34	240	385	625	235
300	270	515	450x16x34	292	395	687	342
350	290	580	510x16x37	320	430	750	405
400	310	660	585x16x41	345	505	850	510
450	330	685	610x20x41	370	520	890	598
500	350	755	670x20x44	442	590	1032	732
600	390	890	795x20x50	515	660	1175	1089
700	430	995	900x24x50	525	686	1211	1412
800	470	1140	1030x24x56	655	825	1480	2203

### Other material on request.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY CHECK VALVE

## PN 10

Type: OMV-BUCV-PN 10

EN/DIN

### Butterfly Check Valve

Opening of the disc is controlled by the flow  
 Adjustable weight position acc. to operating condition  
 Metal to metal or rubber sealing system  
 Maintenance free design, wide range of applications  
 Minimal flow resistance, blowout proof design

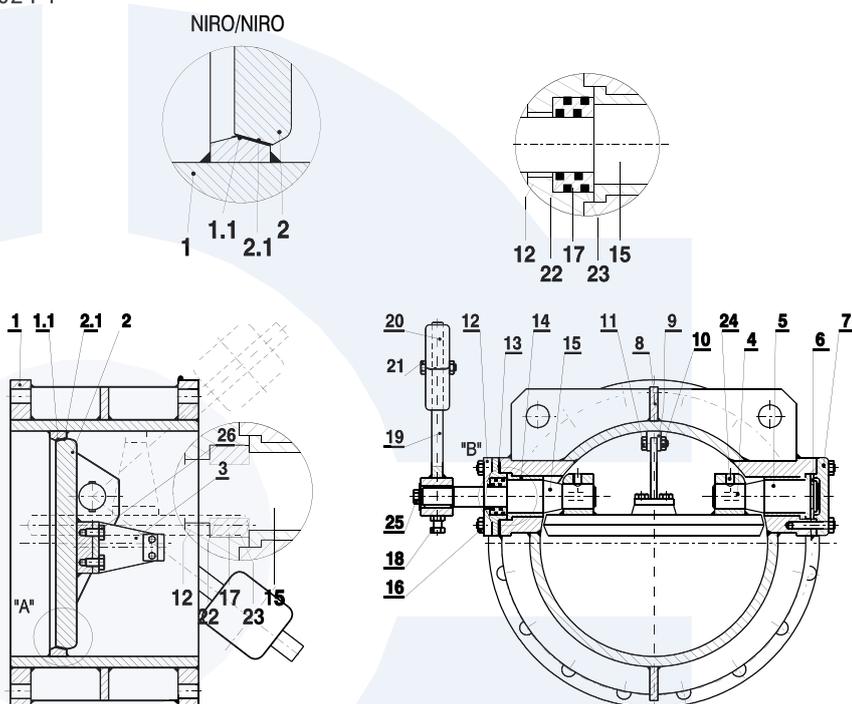
### Standard compliance

Design and manufacture: EN 12334  
 Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
 Flange connection: EN 1092-1, on request  
 Test and inspection: EN 12266

Item	Description Part name	Material
1	Body	S355J2+N
1.1	Body seat	CrNi weld overlay
2	Disc	S355J2+N
2.1	Disc seat	CrNi weld overlay
3	Stopper	S355J2+N
4	Parallel key	A2
5, 15	Shaft	1.4057
7, 12	Cover	S355J2+N
8	Body rib	S355J2+N
9	Rubber bumper	EPDM, NBR
10,11,26	Bolt, Nut, Washer	A4-70
13	Gasket	It
14	Bearing bush	Bronze
16, 21, 25	Bolt, Nut, Washer	A2
17	O ring bush	Bronze
18	Bolt, Nut, Washer	A2
19	Lever	S355
20	Weight	S355
22, 23	O ring	NBR
24	Set screw	A4-70

DETAIL A

DETAIL B



### PN 10

DN	L	D	k	n	l	e	A	B	E	F	H	H <sub>1</sub>	m kg
150	210	285	240	8	22	30	230	180	300	225	195	255	41
200	230	340	295	8	22	40	250	240	300	225	185	265	65
250	250	395	350	12	22	48	310	290	300	225	175	271	80
300	270	445	400	12	22	62	340	320	450	318	256	380	108
350	290	505	460	16	22	70	380	350	450	318	248	388	156
400	310	565	515	16	26	81	410	380	600	442	361	523	188
450	330	615	565	20	26	90	420	390	600	442	352	532	212
500	350	670	620	20	26	100	490	440	600	442	342	542	246
600	390	780	725	20	30	124	555	500	600	442	318	566	358
700	430	895	840	24	30	145	630	570	700	495	350	640	526
800	470	1015	950	24	33	165	700	650	800	566	401	731	668
900	510	1115	1050	28	33	185	770	720	1000	707	522	892	932
1000	550	1230	1160	28	36	203	840	790	1000	707	504	910	1216
1200	630	1455	1380	32	39	300	915	795	1050	742	442	1042	2050
1400	710	1675	1590	36	42	350	1150	925	1100	778	428	1128	2686
1600	790	1915	1820	40	48	290	1400	1050	1600	1132	842	1422	5452
1800	870	2115	2020	44	48	295	1605	1255	1800	1273	978	1568	6520
2000	950	2325	2230	48	48	300	1800	1460	2000	1414	1114	1714	8716

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: hydraulic or pneumatic damping device on request.

# BUTTERFLY CHECK VALVE

## PN 16

Type: OMV-BUCV-PN 16

EN/DIN

### Butterfly Check Valve

Opening of the disc is controlled by the flow  
Adjustable weight position acc. to operating condition  
Metal to metal or rubber sealing system  
Maintenance free design, wide range of applications  
Minimal flow resistance, blowout proof design

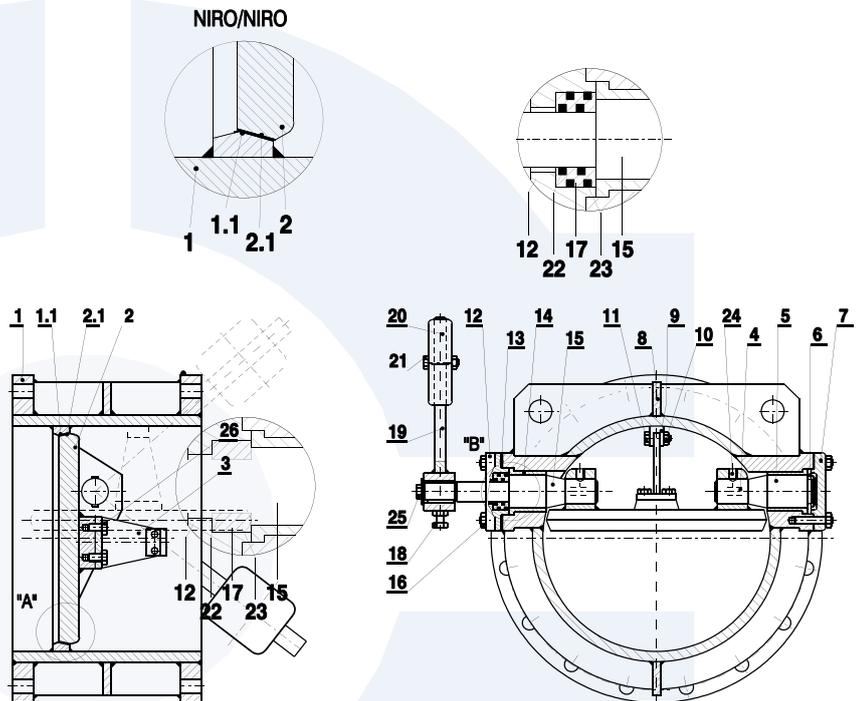
### Standard compliance

Design and manufacture: EN 12334  
Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
Flange connection: EN 1092-1, on request  
Test and inspection: EN 12266

Item	Description Part name	Material
1	Body	S355J2+N
1.1	Body seat	CrNi weld overlay
2	Disc	S355J2+N
2.1	Disc seat	CrNi weld overlay
3	Stopper	S355J2+N
4	Parallel key	A2
5, 15	Shaft	1.4057
7, 12	Cover	S355J2+N
8	Body rib	S355J2+N
9	Rubber bumper	EPDM, NBR
10,11,26	Bolt, Nut, Washer	A4-70
13	Gasket	It
14	Bearing bush	Bronze
16, 21, 25	Bolt, Nut, Washer	A2
17	O ring bush	Bronze
18	Bolt, Nut, Washer	A2
19	Lever	S355
20	Weight	S355
22, 23	O ring	NBR
24	Set screw	A4-70

DETAIL A

DETAIL B



PN 16

DN	L	D	k	n	l	e	A	B	E	F	H	H <sub>1</sub>	m kg
150	210	285	240	8	22	30	230	180	300	225	195	255	38
200	230	340	295	12	22	40	250	240	300	225	185	265	45
250	250	405	355	12	26	48	310	290	300	225	175	271	71
300	270	460	410	12	26	62	340	320	450	318	256	380	98
350	290	520	470	16	26	70	380	350	450	318	248	388	138
400	310	580	525	16	30	81	410	380	600	442	361	523	172
450	330	640	585	20	30	90	420	390	600	442	352	532	230
500	350	715	650	20	33	100	490	440	600	442	342	542	286
600	390	840	770	20	36	124	555	500	600	442	318	566	390
700	430	910	840	24	36	145	630	570	700	495	350	640	570
800	470	1025	950	24	39	165	700	650	800	566	401	731	730
900	510	1125	1050	28	39	185	770	720	1000	707	522	892	990
1000	550	1255	1170	28	42	203	840	790	1000	707	504	910	1310
1200	630	1485	1390	32	48	300	915	795	1050	742	442	1042	2050
1400	710	1685	1590	36	48	350	1150	925	1100	778	428	1128	3200
1600	790	1930	1820	40	56	290	1400	1050	1600	1132	842	1422	5800
1800	870	2130	2020	44	56	295	1605	1255	1800	1273	978	1568	6900
2000	950	2345	2230	48	62	300	1800	1460	2000	1414	1114	1714	9300

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: hydraulic or pneumatic damping device on request.

# BUTTERFLY CHECK VALVE

## PN 25

Type: OMV-BUCV-PN 25

EN/DIN

### Butterfly Check Valve

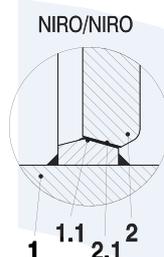
Opening of the disc is controlled by the flow  
Adjustable weight position acc. to operating condition  
Metal to metal or rubber sealing system  
Maintenance free design, wide range of applications  
Minimal flow resistance, blowout proof design

### Standard compliance

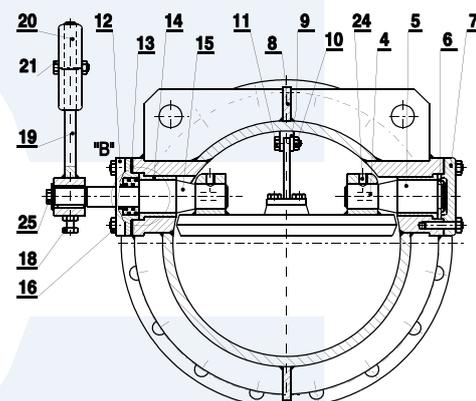
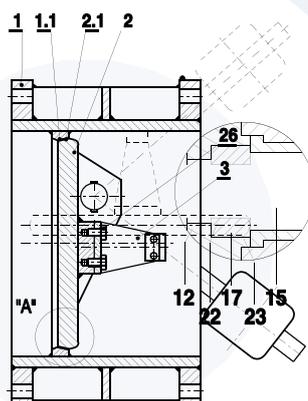
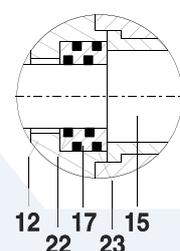
Design and manufacture: EN 12334  
Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
Flange connection: EN 1092-1, on request  
Test and inspection: EN 12266

Item	Description Part name	Material
1	Body	S355J2+N
1.1	Body seat	CrNi weld overlay
2	Disc	S355J2+N
2.1	Disc seat	CrNi weld overlay
3	Stopper	S355J2+N
4	Parallel key	A2
5, 15	Shaft	1.4057
7, 12	Cover	S355J2+N
8	Body rib	S355J2+N
9	Rubber bumper	EPDM, NBR
10,11,26	Bolt, Nut, Washer	A4-70
13	Gasket	It
14	Bearing bush	Bronze
16, 21, 25	Bolt, Nut, Washer	A2
17	O ring bush	Bronze
18	Bolt, Nut, Washer	A2
19	Lever	S355
20	Weight	S355
22, 23	O ring	NBR
24	Set screw	A4-70

DETAIL A



DETAIL B



### PN 25

DN	L	D	k	n	l	e	A	B	E	F	H	H <sub>1</sub>	m kg
200	230	360	310	12	26	40	250	240	300	225	185	265	54
250	250	425	370	12	30	48	310	290	300	225	175	271	90
300	270	485	430	16	30	62	340	320	450	318	256	380	125
350	290	555	490	16	33	70	380	350	450	318	248	388	160
400	310	620	550	16	36	81	410	380	600	442	361	523	265
500	350	730	660	20	36	100	490	440	600	442	342	542	366
600	390	845	770	20	39	124	555	500	600	442	318	566	495
700	430	960	875	24	42	145	630	570	700	495	350	640	706
800	470	1085	990	24	48	165	700	650	800	566	401	731	970

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: hydraulic or pneumatic damping device on request.

# BUTTERFLY CHECK VALVE

## PN 40

Type: OMV-BUCV-PN 40

EN/DIN

### Butterfly Check Valve

Opening of the disc is controlled by the flow  
Adjustable weight position acc. to operating condition  
Metal to metal or rubber sealing system  
Maintenance free design, wide range of applications  
Minimal flow resistance, blowout proof design

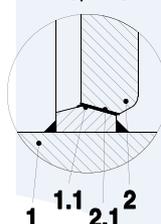
### Standard compliance

Design and manufacture: EN 12334  
Face to face dimension: EN 558-1 Series 14, DIN 3202-F4  
Flange connection: EN 1092-1, on request  
Test and inspection: EN 12266

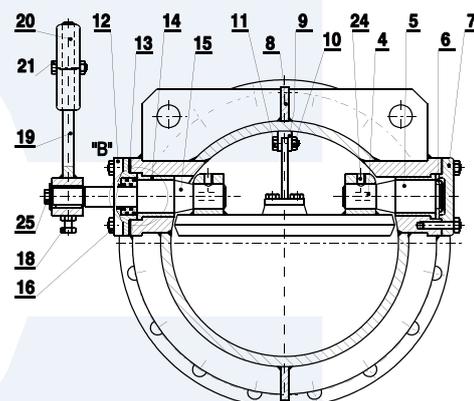
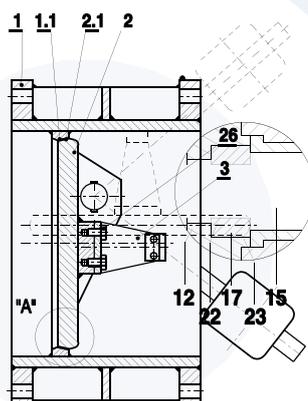
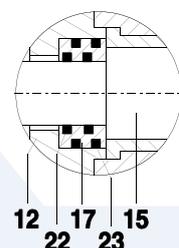
Item	Description Part name	Material
1	Body	S355J2+N
1.1	Body seat	CrNi weld overlay
2	Disc	S355J2+N
2.1	Disc seat	CrNi weld overlay
3	Stopper	S355J2+N
4	Parallel key	A2
5, 15	Shaft	1.4057
7, 12	Cover	S355J2+N
8	Body rib	S355J2+N
9	Rubber bumper	EPDM, NBR
10,11,26	Bolt, Nut, Washer	A4-70
13	Gasket	It
14	Bearing bush	Bronze
16, 21, 25	Bolt, Nut, Washer	A2
17	O ring bush	Bronze
18	Bolt, Nut, Washer	A2
19	Lever	S355
20	Weight	S355
22, 23	O ring	NBR
24	Set screw	A4-70

DETAIL A

NIRO/NIRO



DETAIL B



### PN 40

DN	L	D	k	n	l	e	A	B	E	F	H	H <sub>1</sub>	m kg
200	230	375	320	12	30	40	250	240	300	225	185	265	64
250	250	450	385	12	33	48	310	290	300	225	175	271	105
300	270	515	450	16	33	62	340	320	450	318	256	380	146
350	290	580	510	16	36	70	380	350	450	318	248	388	210
400	310	660	585	16	39	81	410	380	600	442	361	523	315

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: hydraulic or pneumatic damping device on request.

# BUTTERFLY VALVE



## Lug PN 10

Type: **OMV-BUV-LVL-PN 10**

EN/DIN

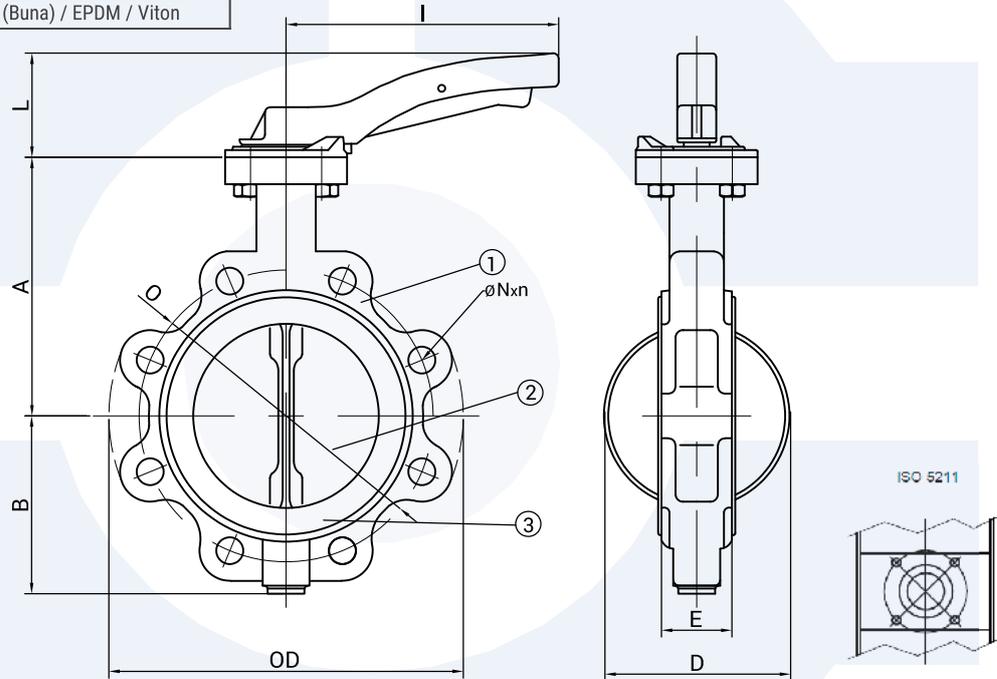
### Lug Butterfly Valve PN 10

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M / Alu-bronze
3	Liner	NBR (Buna) / EPDM / Viton



DN	A	B	I	D	E	OD	L	N	n	O	kg
40	130	75	220	49	33	114	67	18	4	110	3,6
50	138	81	220	55	43	119	67	18	4	125	4,3
65	144	98	220	68	46	170	67	18	8	145	5,9
80	158	110	220	81	46	182	67	18	8	160	6,7
100	173	128	220	101	52	215	67	18	8	180	8,7
125	186	140	275	126	56	245	67	18	8	210	10,4
150	202	155	275	150	56	275	67	22	8	240	12,2
200	240	190	340	200	60	330	76	22	8	295	28
250	270	220	340	250	68	395	76	22	12	350	35
300	300	247	340	298	78	465	76	22	12	400	50

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: Handwheel; Gearbox; Electrical actuator; hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE



## Lug PN 16

Type: **OMV-BUV-LVL-PN 16**

EN/DIN

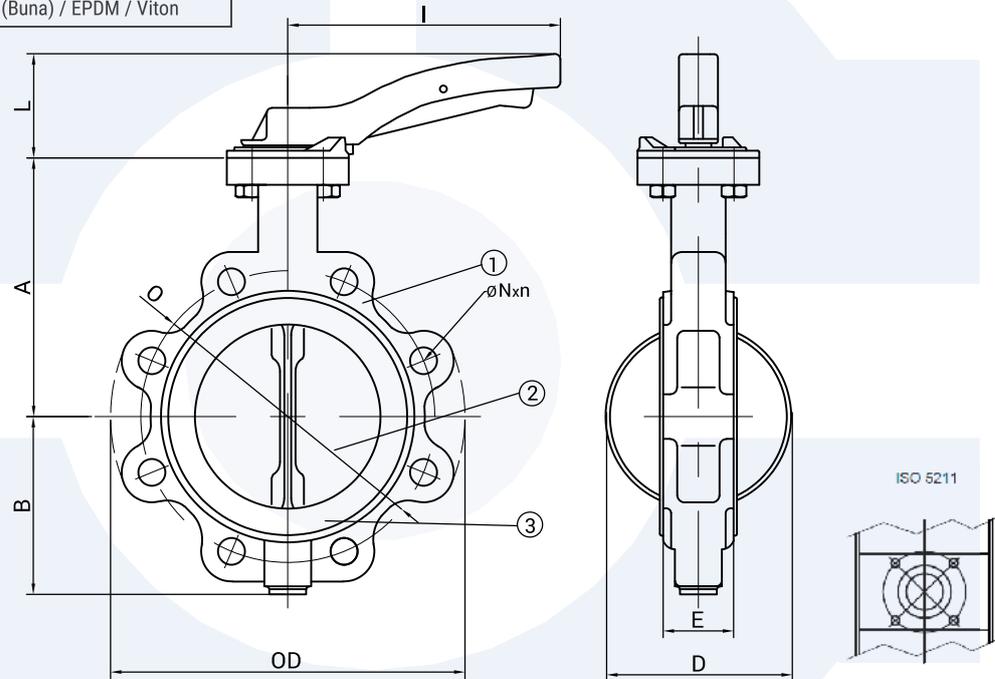
### Lug Butterfly Valve PN 16

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M / Alu-bronze
3	Liner	NBR (Buna) / EPDM / Viton



DN	A	B	I	D	E	OD	L	N	n	O	kg
40	130	75	220	49	33	114	67	18	4	110	3,6
50	138	81	220	55	43	119	67	18	4	125	4,3
65	144	98	220	68	46	170	67	18	8	145	5,9
80	158	110	220	81	46	182	67	18	8	160	6,7
100	173	128	220	101	52	215	67	18	8	180	8,7
125	186	140	275	126	56	245	67	18	8	210	10,4
150	202	155	275	150	56	275	67	22	8	240	12,2
200	240	190	340	200	60	330	76	22	8	295	28
250	270	220	340	250	68	395	76	26	12	350	35
300	300	247	340	298	78	465	76	26	12	400	50

**Other material on request.**

**Rubber lined for seawater application.**

**Also available in welded steel design.**

Operators: Handwheel; Gearbox; Electrical actuator; hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE



## Lug PN 10

Type: **OMV-BUV-LVL-TH-PN 10**

EN/DIN

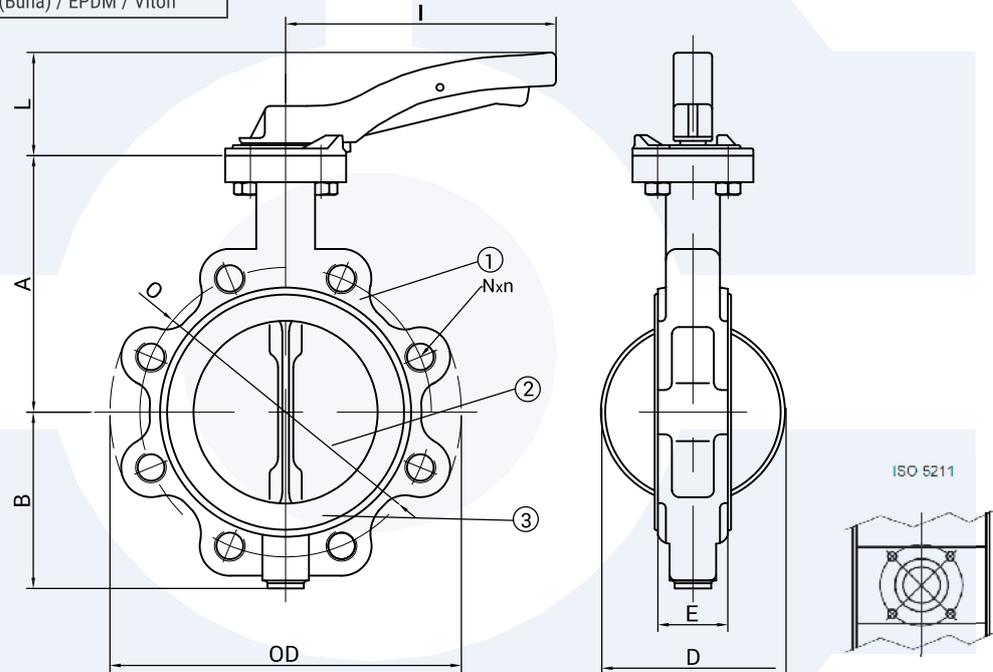
### Lug Butterfly Valve PN 10

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M / Alu-bronze
3	Liner	NBR (Buna) / EPDM / Viton



DN	A	B	I	D	E	OD	L	N	n	O	kg
40	130	75	220	49	33	114	67	M16	4	110	3,6
50	138	81	220	55	43	119	67	M16	4	125	4,3
65	144	98	220	68	46	170	67	M16	8	145	5,9
80	158	110	220	81	46	182	67	M16	8	160	6,7
100	173	128	220	101	52	215	67	M16	8	180	8,7
125	186	140	275	126	56	245	67	M16	8	210	10,4
150	202	155	275	150	56	275	67	M20	8	240	12,2
200	240	190	340	200	60	330	76	M20	8	295	28
250	270	220	340	250	68	395	76	M20	12	350	35
300	300	247	340	298	78	465	76	M20	12	400	50

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: Handwheel; Gearbox; Electrical actuator; hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Lug PN 16



Type: **OMV-BUV-LVL-TH-PN 16**

EN/DIN

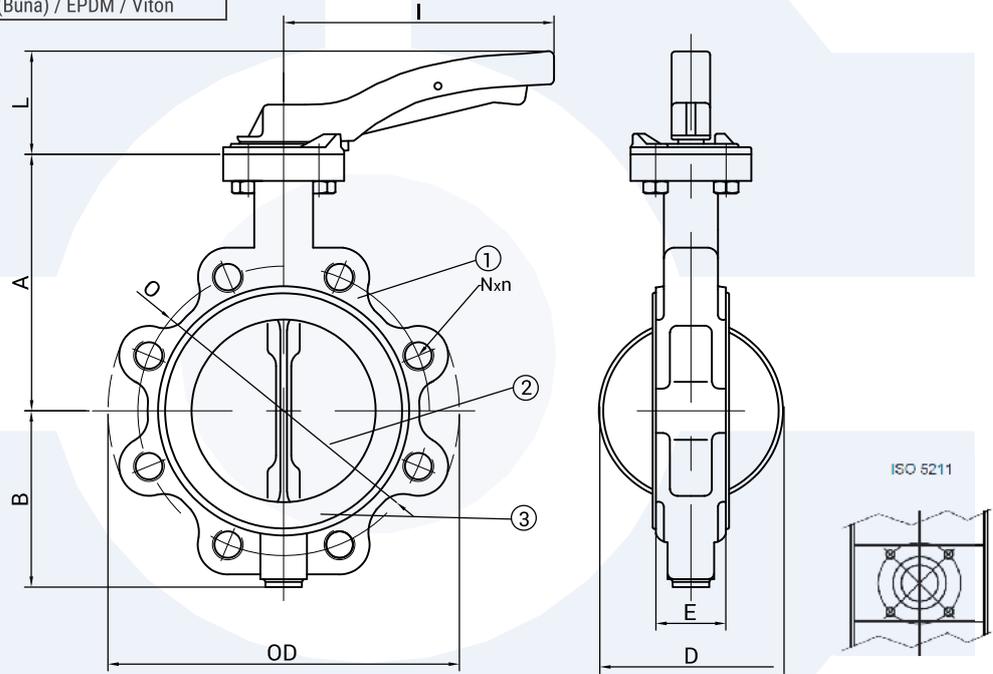
### Lug Butterfly Valve PN 16

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M / Alu-bronze
3	Liner	NBR (Buna) / EPDM / Viton



DN	A	B	I	D	E	OD	L	N	n	O	kg
40	130	75	220	49	33	114	67	M16	4	110	3,6
50	138	81	220	55	43	119	67	M16	4	125	4,3
65	144	98	220	68	46	170	67	M16	8	145	5,9
80	158	110	220	81	46	182	67	M16	8	160	6,7
100	173	128	220	101	52	215	67	M16	8	180	8,7
125	186	140	275	126	56	245	67	M16	8	210	10,4
150	202	155	275	150	56	275	67	M20	8	240	12,2
200	240	190	340	200	60	330	76	M20	12	295	28
250	270	220	340	250	68	395	76	M24	12	355	35
300	300	247	340	298	78	465	76	M24	12	410	50

**Other material on request.**

**Rubber lined for seawater application.**

**Also available in welded steel design.**

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE



## Lug D PN 10

Type: **OMV-BUV-LVL-D-PN 10**

EN/DIN

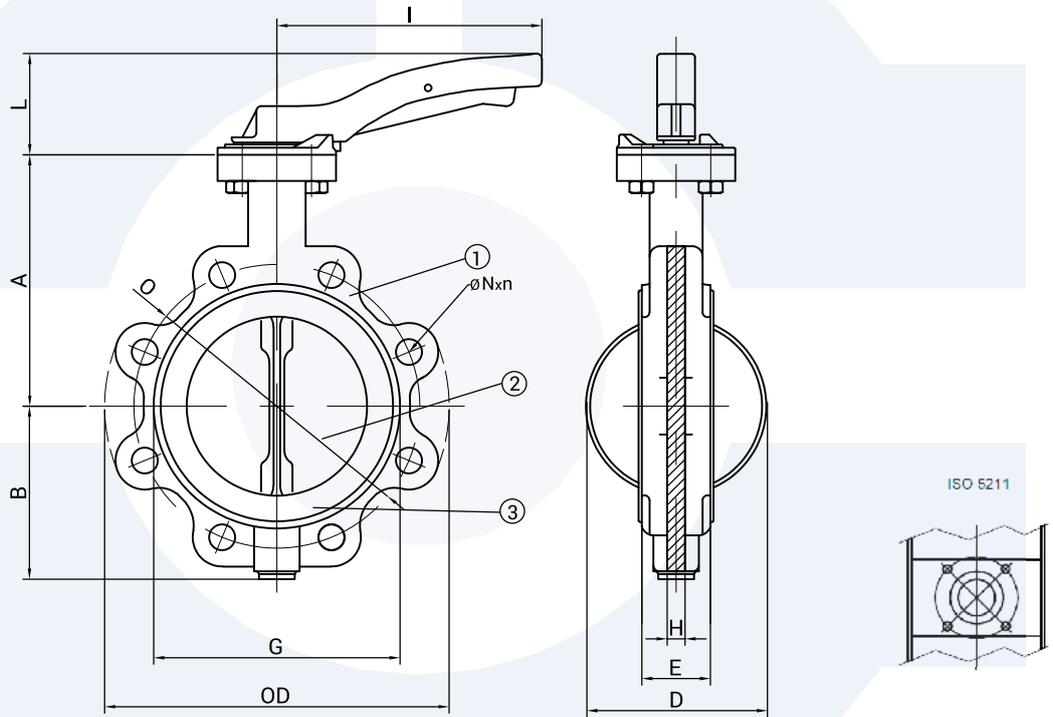
### Lug Butterfly Valve D PN 10

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M
3	Liner	NBR (Buna) / EPDM / Viton



DN	A	B	I	D	E	OD	L	N	n	O	G	H	kg
100	173	128	220	101	52	215	67	18	8	180	150	19	8,7
125	186	140	275	126	56	245	67	18	8	210	180	23	10,4
150	202	155	275	150	56	275	67	22	8	240	208	20	12
200	240	190	340	200	60	330	76	22	8	295	258	14	28
250	270	220	340	250	68	395	76	22	12	350	315	22	34

**Other material on request.**

**Rubber lined for seawater application.**

**Also available in welded steel design.**

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE



## Lug D PN 16

Type: **OMV-BUV-LVL-D-PN 16**

EN/DIN

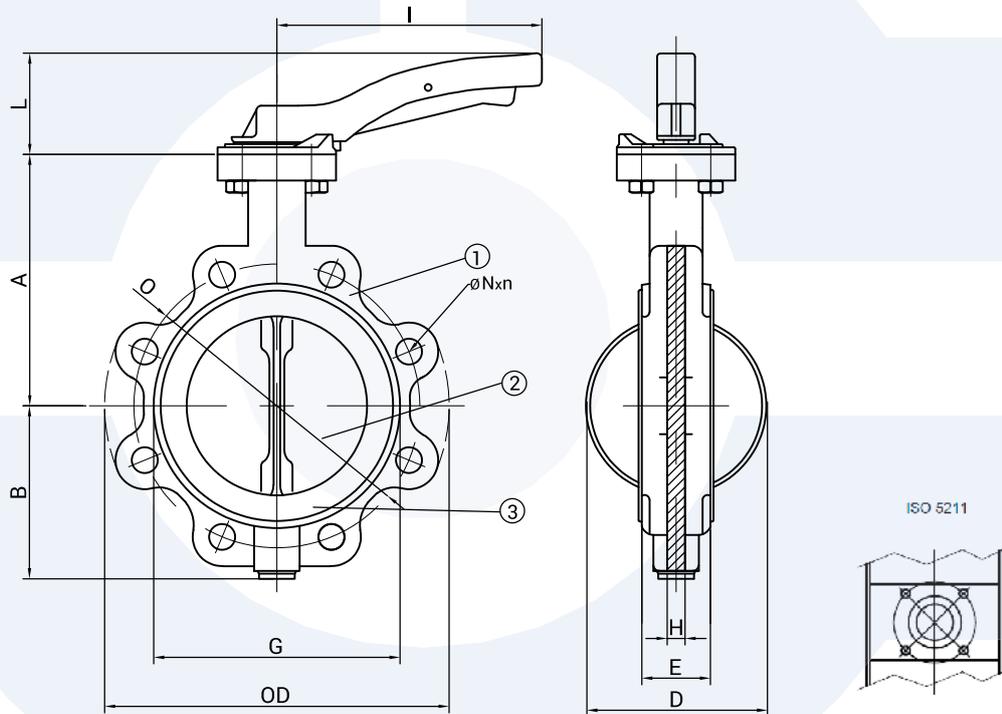
### Lug Butterfly Valve D PN 16

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M
3	Liner	NBR (Buna) / EPDM / Viton



DN	A	B	I	D	E	OD	L	N	n	O	G	H	kg
100	173	128	220	101	52	215	67	18	8	180	150	19	8,7
125	186	140	275	126	56	245	67	18	8	210	180	23	10,4
150	202	155	275	150	56	275	67	22	8	240	208	20	12
200	240	190	340	200	60	330	76	22	8	295	258	14	28
250	270	220	340	250	68	395	76	22	12	350	315	22	34

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Lug D1 PN 10

Type: **OMV-BUV-LVL-D1-PN 10**

EN/DIN

### Lug Butterfly Valve D1 PN 10

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

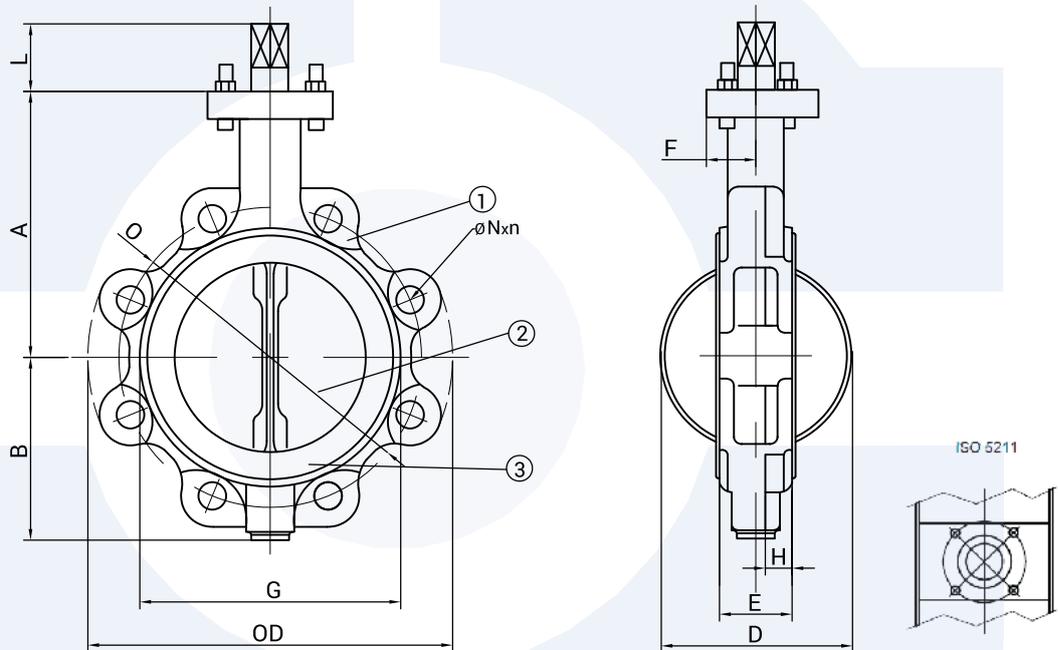
### Standard compliance

Design and manufacture: EN 593, EN 12516

Flange connection: EN 1092-2, on request

Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M / Alu-bronze
3	Liner	NBR (Buna) / EPDM / Viton



DN	A	B	D	E	OD	L	N	n	O	H	kg
100	173	128	101	52	215	34	18	8	180	16	8,7
125	186	140	126	56	245	34	18	8	210	21	10,4
150	202	155	150	56	275	34	22	8	240	23	12,2
200	240	190	200	60	330	38	22	8	295	23	28
250	270	220	250	68	395	38	22	12	350	23	34
300	300	247	298	78	465	38	22	12	400	23	50
350	330	280	332	78	526,5	60	22	16	460	23	62
400	355	305	376	102	600	60	26	16	515	29	90
450	400	343	430	114	650	60	26	20	565	35	170
500	422	366	479	127	715	60	26	20	620	42	180
600	495	460	575	154	840	75	29	20	725	45	290

Other material on request.

Rubber lined for sea-water application.

Also available in welded steel design.

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE



## Lug D1 PN 16

Type: **OMV-BUV-LVL-D1-PN 16**

EN/DIN

### Lug Butterfly Valve D1 PN 16

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

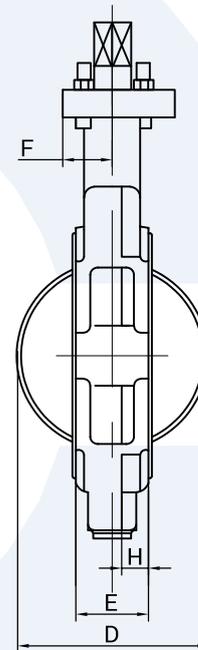
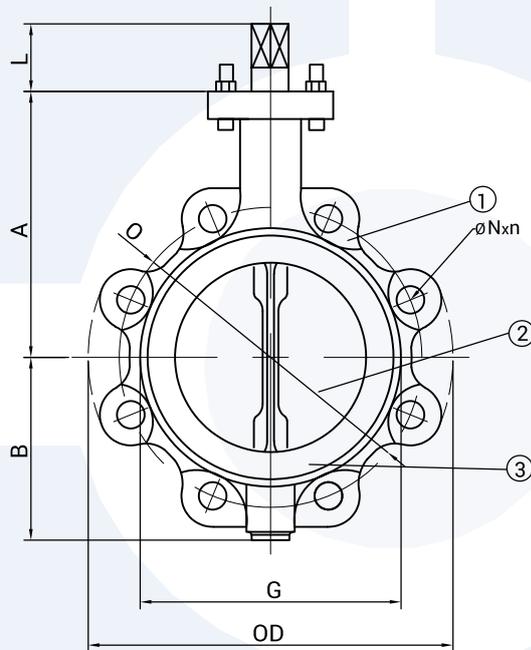
### Standard compliance

Design and manufacture: EN 593, EN 12516

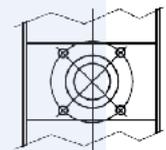
Flange connection: EN 1092-2, on request

Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GGG 40 / A216 WCB / A351 CF8M
2	Disc	GGG 40 / A351 CF8M / Alu-bronze
3	Liner	NBR (Buna) / EPDM / Viton



ISO 5211



DN	A	B	D	E	OD	L	N	n	O	H	kg
100	173	128	101	52	215	34	18	8	180	16	8,7
125	186	140	126	56	245	34	18	8	210	21	10,4
150	202	155	150	56	275	34	22	8	240	23	12,2
200	240	190	200	60	330	38	22	12	295	23	28
250	270	220	250	68	395	38	26	12	355	23	34
300	300	247	298	78	465	38	26	12	410	23	50
350	330	280	332	78	526,5	60	26	16	470	23	62
400	355	305	376	102	600	60	29	16	525	29	90
450	400	343	430	114	650	60	29	20	585	35	170
500	422	366	479	127	715	60	32	20	650	42	180
600	495	460	575	154	840	75	35	20	770	45	290

**Other material on request.**

**Rubber lined for sea-water application.**

**Also available in welded steel design.**

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## Centre Flanged PN 10/16

Type: **OMV-BUV-LVC-PN 10/16**

EN/DIN

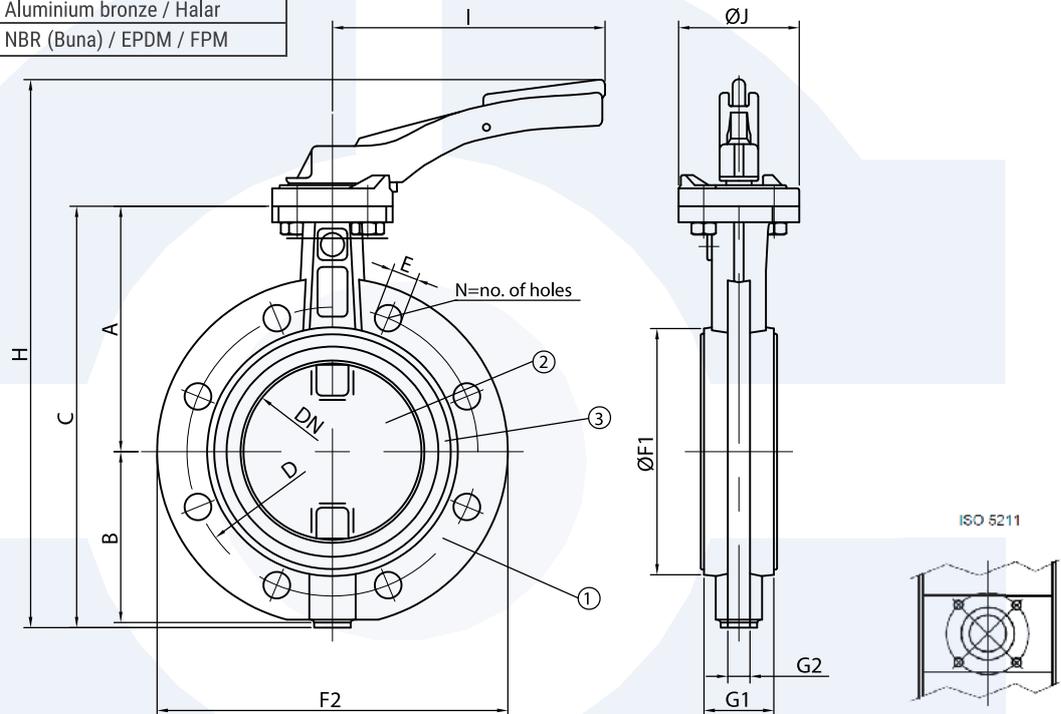
### Lug Butterfly Valve PN 10/16

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

### Standard compliance

Design and manufacture: EN 593, EN 12516  
Flange connection: EN 1092-2, on request  
Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	GG-25 / GGG-40 / GGG-40.3
2	Disc	Steel St. 52.3 / Stainless steel / Aluminium bronze / Halar
3	Liner	NBR (Buna) / EPDM / FPM



DIMENSIONS PN 16

DN	A	B	C	D	E	N	F2	F1	G1	G2	H	I	J	Weight kg
80	157	98,5	261	160	18	8	200	130	46	16	356	195	90	5,45
100	167,5	109,5	282	180	18	8	220	150	52	16	377,5	195	90	6,55
125	180	122	307	210	18	8	250	180	56	16	402,5	195	90	8,25
150	203	145	353	240	22	8	285	206	56	20	458,5	276	90	11,5
200	228,5	170,5	404	295	22	12	340	250	60	20	509,5	276	90	15,5

DIMENSIONS PN 10

DN	A	B	C	D	E	N	F2	F1	G1	G2	H	I	J	Weight, kg
200	228,5	170,5	404,5	295	22	8	340	250	60	20	509,5	276	90	15,5

**Other material on request.**

**Rubber lined for seawater application.**

**Also available in welded steel design.**

Operators: Handwheel, Gearbox, Electrical actuator, hydraulic or pneumatic actuator (single or double acting).

# BUTTERFLY VALVE

## HP PN 10

Type: **OMV-BUV-LVL-HP-PN 10**

EN/DIN

### Butterfly Valve HP PN 10

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

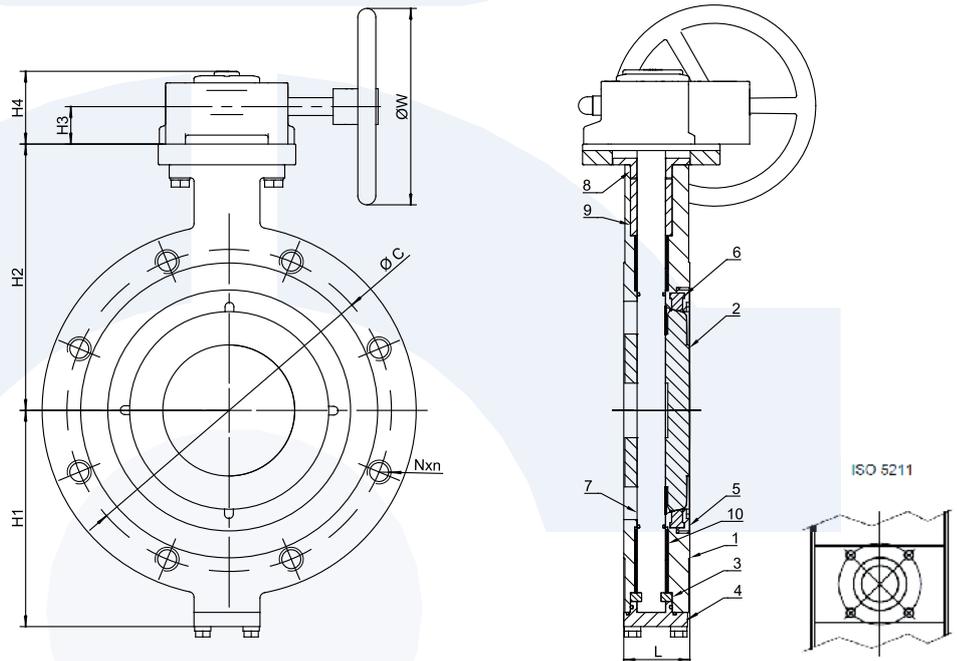
### Standard compliance

Design and manufacture: EN 593, EN 12516

Flange connection: EN 1092-2, on request

Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	Carbon steel / Stainless steel / DUPLEX
2	Disc	1.4301 / 1.4401
3	Lock ring	Stainless steel / Brass
4	Cover	Carbon steel / Stainless steel / DUPLEX
5	Body disc	1.4301 / 1.4401
6	Seat	NBR / FKM / FVMQ / PTFE
7	Stem	Carbon steel / Stainless steel / DUPLEX
8	Gland ring	Carbon steel / Stainless steel / DUPLEX
9	Packing	Brass / PTFE
10	Sleeve bearing	Stainless steel / RPTFE / Iglidur



### Operation options:

- lever operated: DN80-DN150
- gear operated: DN200 -DN600
- actuator operated: acc to request

DN	ΦC	H1	H2	H3	H4	N	n	L	ΦW
80	160	113	150	35	75	M16	8	46	250
100	180	130	161	35	75	M16	8	52	250
125	210	165	200	35	75	M16	8	56	250
150	240	175	212	35	75	M20	8	56	250
200	295	208	244	43	92	M20	8	60	250
250	350	243	280	43	92	M20	12	68	250
300	400	268	305	43	92	M20	12	78	250
350	460	293	330	43	92	M20	16	79	250
400	515	340	387	48	102	M24	16	102	500
500	620	381	452	55	126	M24	20	127	600
600	725	422,5	577	55	126	M27	20	127	600

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design

# BUTTERFLY VALVE

## HP PN 16

Type: **OMV-BUV-LVL-HP-PN 16**

EN/DIN

### Butterfly Valve HP PN 16

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

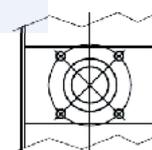
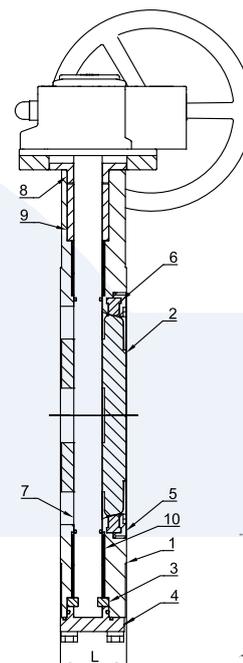
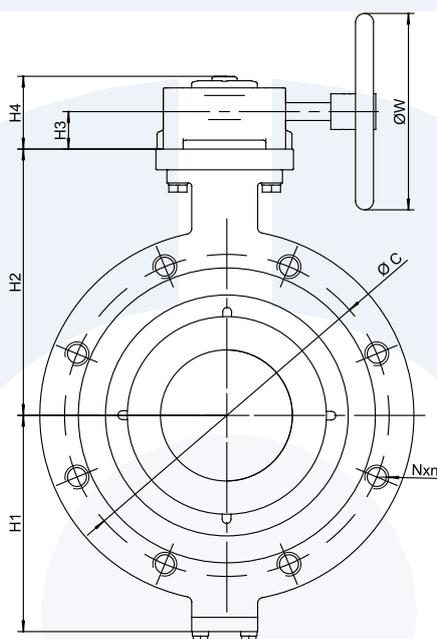
#### Standard compliance

Design and manufacture: EN 593, EN 12516

Flange connection: EN 1092-2, on request

Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	Carbon steel / Stainless steel / DUPLEX
2	Disc	1.4301 / 1.4401
3	Lock ring	Stainless steel / Brass
4	Cover	Carbon steel / Stainless steel / DUPLEX
5	Body disc	1.4301 / 1.4401
6	Seat	NBR / FKM / FVMQ / PTFE
7	Stem	Carbon steel / Stainless steel / DUPLEX
8	Gland ring	Carbon steel / Stainless steel / DUPLEX
9	Packing	Brass / PTFE
10	Sleeve bearing	Stainless steel / RPTFE / Iglidur



#### Operation options:

- lever operated: DN80-DN150
- gear operated: DN200 -DN600
- actuator operated: acc to request

DN	ΦC	H1	H2	H3	H4	N	n	L	ΦW
80	160	113	150	35	75	M16	8	46	250
100	180	130	161	35	75	M16	8	52	250
125	210	165	200	35	75	M16	8	56	250
150	240	175	212	35	75	M20	8	56	250
200	295	208	244	43	92	M20	12	60	250
250	355	243	280	43	92	M24	12	68	250
300	410	268	305	43	92	M24	12	78	250
350	470	293	330	43	92	M24	16	79	250
400	525	340	387	48	102	M27	16	102	500
500	650	381	452	55	126	M30	20	127	600
600	770	422,5	577	55	126	M33	20	127	600

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design

# BUTTERFLY VALVE

## HP PN 25

Type: **OMV-BUV-LVL-HP-PN 25**

EN/DIN

### Butterfly Valve HP PN 25

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

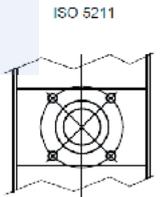
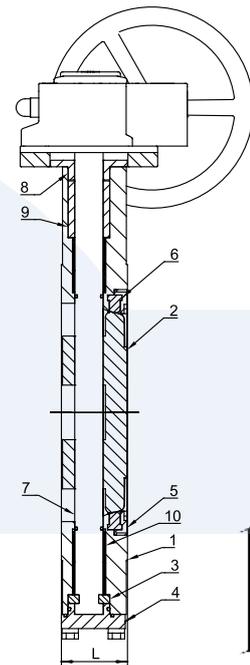
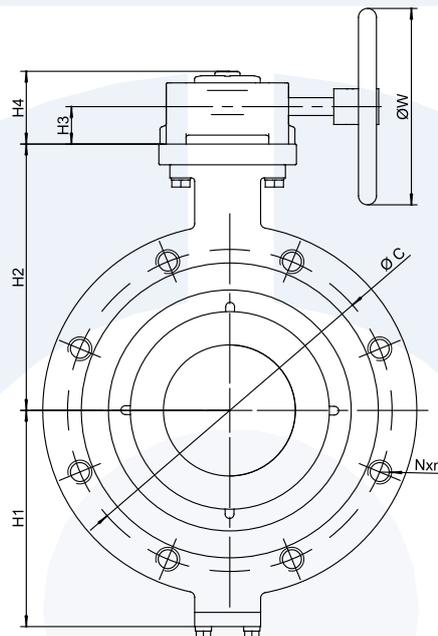
### Standard compliance

Design and manufacture: EN 593, EN 12516

Flange connection: EN 1092-2, on request

Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	Carbon steel / Stainless steel / DUPLEX
2	Disc	1.4301 / 1.4401
3	Lock ring	Stainless steel / Brass
4	Cover	Carbon steel / Stainless steel / DUPLEX
5	Body disc	1.4301 / 1.4401
6	Seat	NBR / FKM / FVMQ / PTFE
7	Stem	Carbon steel / Stainless steel / DUPLEX
8	Gland ring	Carbon steel / Stainless steel / DUPLEX
9	Packing	Brass / PTFE
10	Sleeve bearing	Stainless steel / RPTFE / Iglidur



### Operation options:

- lever operated: DN80-DN150
- gear operated: DN200 -DN600
- actuator operated: acc to request

DN	ΦC	H1	H2	H3	H4	N	n	L	ΦW
80	160	113	150	35	75	M16	8	46	250
100	190	130	161	35	75	M20	8	52	250
125	220	165	200	35	75	M24	8	56	250
150	250	175	212	35	75	M24	8	56	250
200	310	208	244	43	92	M24	12	60	250
250	370	243	280	43	92	M27	12	68	250
300	430	268	305	43	92	M27	16	78	250
350	490	293	330	43	92	M30	16	79	250
400	550	340	387	48	102	M33	16	102	500
500	660	381	452	55	126	M33	20	127	600
600	770	422,5	577	55	126	M36	20	127	600

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design

# BUTTERFLY VALVE

## HP PN 40

Type: **OMV-BUV-LVL-HP-PN 40**

EN/DIN

### Butterfly Valve HP PN 40

Butterfly valve with a streamlined body and disc, replaceable rubber seal.  
Bi-directional design, maintenance-free bearing with PTFE / bronze bushing.  
Wide range of applications, minimum flow resistance.  
Blowout protection, high-quality castings. Low torque.

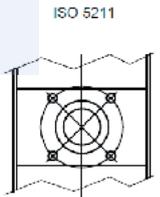
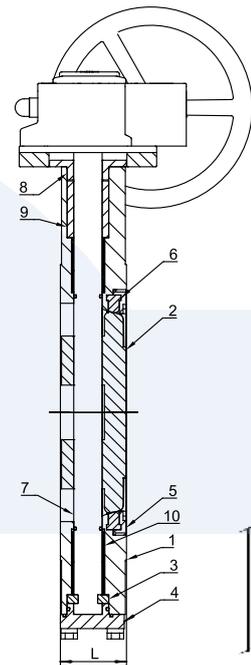
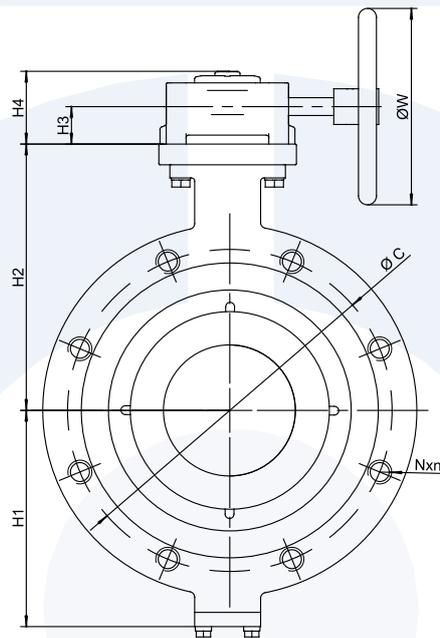
### Standard compliance

Design and manufacture: EN 593, EN 12516

Flange connection: EN 1092-2, on request

Test and inspection: EN 12266, EN 1074

Item	Description Part name	Material
1	Body	Carbon steel / Stainless steel / DUPLEX
2	Disc	1.4301 / 1.4401
3	Lock ring	Stainless steel / Brass
4	Cover	Carbon steel / Stainless steel / DUPLEX
5	Body disc	1.4301 / 1.4401
6	Seat	NBR / FKM / FVMQ / PTFE
7	Stem	Carbon steel / Stainless steel / DUPLEX
8	Gland ring	Carbon steel / Stainless steel / DUPLEX
9	Packing	Brass / PTFE
10	Sleeve bearing	Stainless steel / RPTFE / Iglidur



### Operation options:

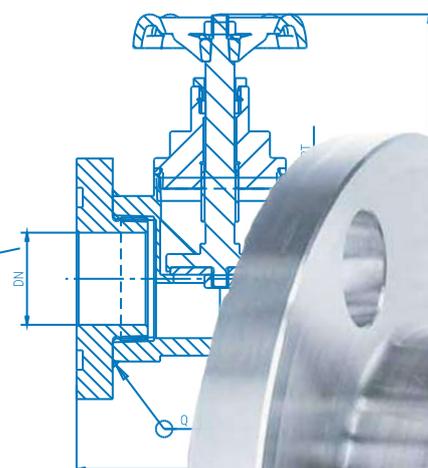
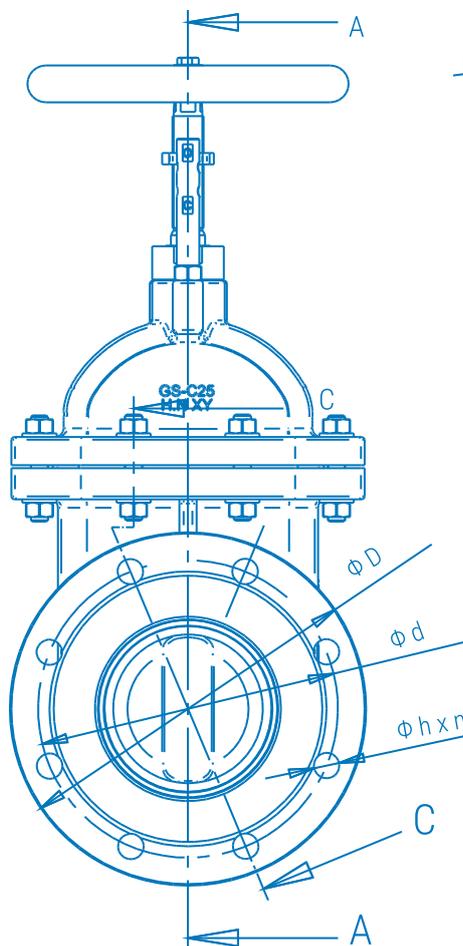
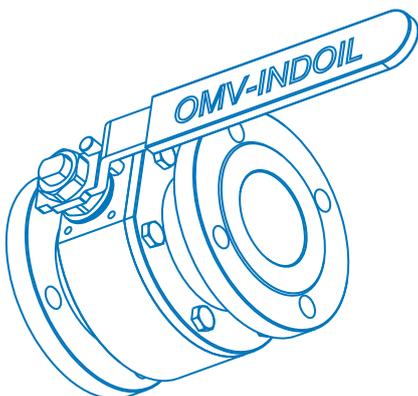
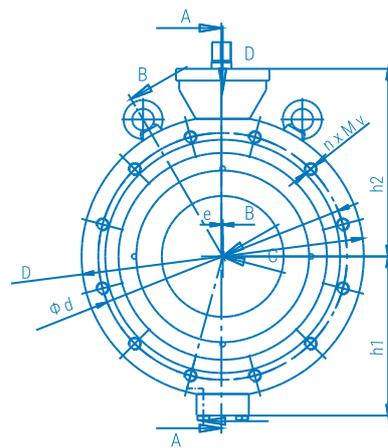
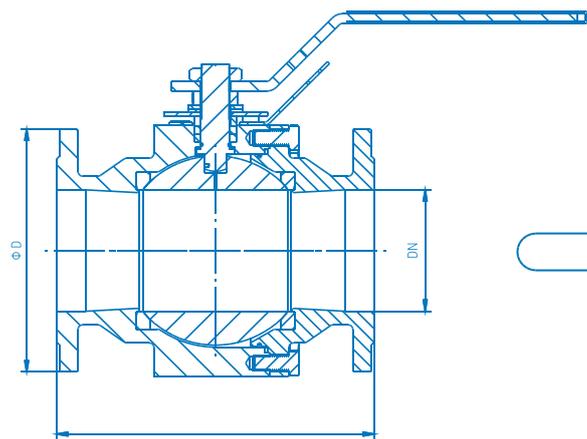
- lever operated: DN80-DN150
- gear operated: DN200 -DN600
- actuator operated: acc to request

DN	ΦC	H1	H2	H3	H4	N	n	L	ΦW
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350	510	293	330	43	92	M33	16	79	250
400	585	340	387	48	102	M36	16	102	500
500	670	381	452	55	126	M39	20	127	600
600	795	422,5	577	55	126	M45	20	154	600

Other material on request.

Rubber lined for seawater application.

Also available in welded steel design



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