



DL VALVE PVT. LTD.
Industrial Valves Manufacturer



Understanding the
True Meaning of Pressure



COMMITTED TO QUALITY
FOCUSED ON RELIABILITY



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Company Overview

More than a decade of experience in valve manufacturing and supply, DL Valve Pvt. Ltd. established with the aim of fulfilling the rising demand for quality valves in the year 2014. We are pleased to introduce DL Valve Pvt Ltd as a leading manufacturer of Gate, Globe, Check & Ball Valves.

DL Valve Pvt. Ltd. has a single location for its optimized facility with the advanced manufacturing process. This gives us an advanced edge and provides us opportunities to supply quality valves to the market. In its various processes, the company has adopted a Total Quality Management Approach. The goal is to be a world-class manufacturing facility. DL Valve being associated with high-quality products and robust customer support.

Expertise and experience have made DL Valve a notable manufacturer of a diverse variety of Valves.

Industries Served

- Nuclear Power Plant
- Oil & Gas Refinery
- Paper industry
- Chemical & Petrochemical Engineering
- Marine Offshore
- LNG & Cryogenics
- Water & Wastewater
- Thermal Power Generation
- Food & Beverage
- and many more other industries...

Vision

DL Valve will always endeavour to be the best supplier in the markets we operate. As part of our QMS, we are constantly looking for ways to expand our product line as well as the approach we interact with and support our customers at all levels. We will also look to develop our business into new regions of the world and provide technology to help our customers to achieve their business goals.

Mission

With enthusiasm and endurance, we want to take care of our customers by ensuring quality, safety, and efficiency over time. We are designing and producing Quality valves for industrial applications by continuously making investments in upgrading our infrastructure and supplying them to the market. We want to take care of our customers with commitment and enthusiasm by ensuring quality, reliability, and increased productivity over time. We design and manufacture Quality Valves for industrial applications by continuously investing in upgrading our infrastructure and supplying to the market.

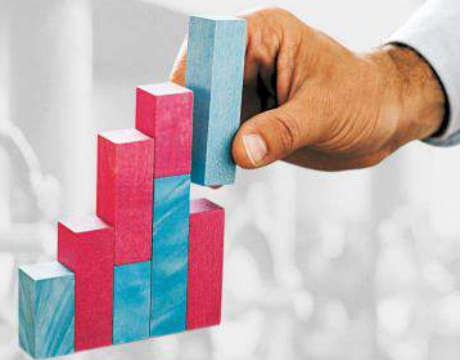


Our Values

- ▶ Low emissions ▶ Easy maintenance ▶ Long and reliable service
- ▶ Low total cost of ownership ▶ Quality that lasts

Quality Policy

Through its product and services, the company is committed to utter product quality and customer satisfaction. The same will be achieved by successive increase in performance in QMS by supplying a superior product that meets the latest National / International standards, practice employee training and development in accordance with the requirement of Industrial Sector.



Customized Solutions



Premium Quality



Cost-Effective



Timely Delivery



End-to-end Solutions

Forged Gate Valve

Design Features

DESIGN AND MANUFACTURING: API 602 / BS EN ISO 15761

INSPECTION AND TESTING: API 598 / BS EN 12261-1

SOCKET WELD STANDARD : ASME B 16.11

SCREWED END STANDARD : ASME B 1.20.1

BUTT WELD STANDARD : ASME B 16.25

AVAILABLE END CONNECTIONS:

SOCKET WELD END / SCREWED END / SOCKET X SCREWED END /
BUTT WELD END / FLANGED END / NIPPLE EXTENSION

FLANGE STANDARD : ASME B 16.5

FACE TO FACE FOR GENERAL VALVES : MANUFACTURER STANDARD

FACE TO FACE FOR FLANGED VALVES : ASME B16.10

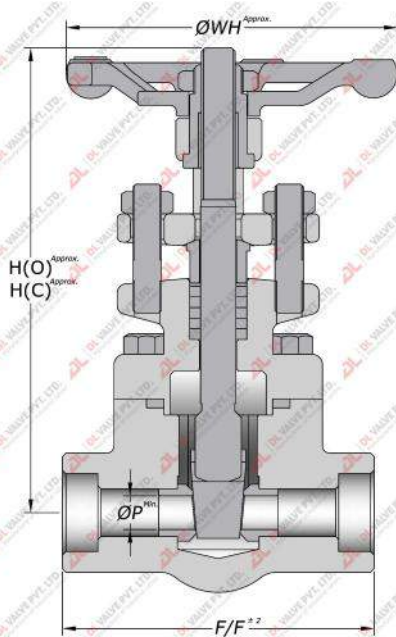
CLOSER MEMBER: SOLID WEDGE

STRUCTURE FEATURE :

BOLTED /WELDED JOINT

EXTENDED BONNET FOR CRYO APPLICATION

MATERIAL STANDARD : ASTM / ANSI



GATE VALVE SOCKET / SCREWED / BUTT WELD

CLASS 800#						
SIZE	F/F	ØP	H(O)	H(C)	ØWH	WT
15mm	87	9	146	131	90	1.65kg
20mm	92	12	150	135	90	1.92kg
25mm	106	17	184	163	116	3.15kg
40mm	127	28	238	205	150	6.25kg
50mm	142	36	282	236	150	10.4kg

CLASS 1500#						
SIZE	F/F	ØP	H(O)	H(C)	ØWH	WT
15mm	92	9	150	135	90	2.25kg
20mm	106	12	178	163	116	3.30kg
25mm	127	17	226	205	150	7.3kg
40mm	142	28	269	236	150	11kg
50mm	172	36	310	270	200	14.5kg

CLASS 2500#						
SIZE	F/F	ØP	H(O)	H(C)	ØWH	WT
15mm	106	9	178	163	116	3.45kg
20mm	127	12	220	205	150	6.85kg
25mm	142	17	257	236	150	11.5kg
40mm	172	28	302	270	200	15kg
50mm	-	-	-	-	-	-

GATE VALVE FLANGE END

CLASS 150#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	108	90	9.6	15.8	2.6kg
20mm	117	100	11.2	21	3.5kg
25mm	127	110	12.7	26.7	5.1kg
40mm	165	125	15.9	41	9.3kg
50mm	178	150	17.5	52.5	15.0kg

CLASS 300#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	140	95	12.7	15.8	3.2kg
20mm	152	115	14.3	21	4.7kg
25mm	165	125	15.9	26.7	6.5kg
40mm	190	155	19.1	41	12.1kg
50mm	216	165	20.7	52.5	17.2kg

CLASS 600#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	165	95	14.3	15.8	3.6kg
20mm	190	115	15.9	21	5.1kg
25mm	216	125	17.5	26.7	7.3kg
40mm	241	155	22.3	41	13.7kg
50mm	292	165	25.4	52.5	20kg

Cast Steel Gate Valve

Design Features

DESIGN AND MANUFACTURING: API 600/ASME B16.34
INSPECTION AND TESTING: API 598, BSEN 12266 PART - 1
FLANGE STANDARD: ASME B 16.5
BUTT WELD STANDARD : ASME B 16.25

Tolerance

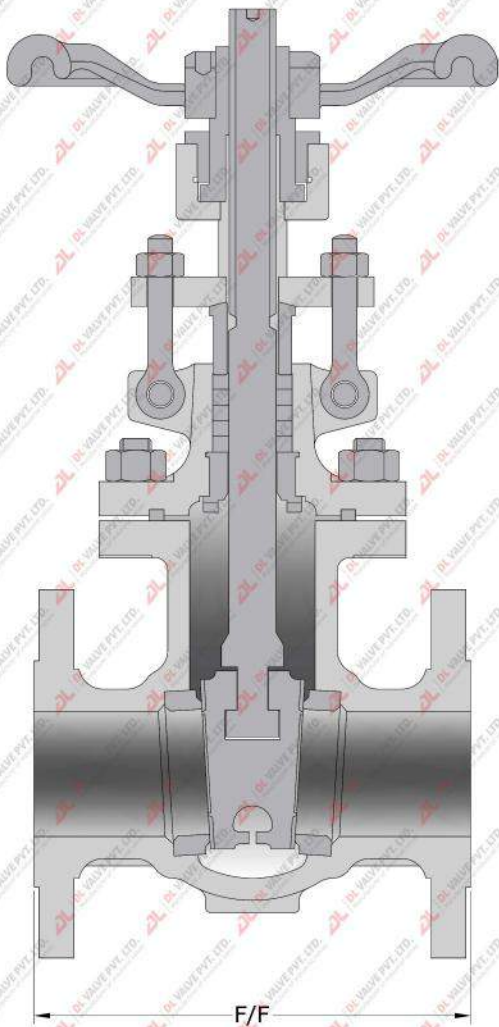
FACE TO FACE : $\pm 1.5\text{mm}$ FOR NPS < 10" & $\pm 3.0\text{mm}$ FOR NPS > 10"

*Above 12" available up to 24" and dimensions available on request

FACE TO FACE & END TO END DIMENSION : ASME B 16.10
CLOSURE MEMBER : FLEXIBLE WEDGE

AVAILABLE END CONNECTIONS:

BUTT WELD END / RF FLANGED END / RTJ FLANGED END



CAST STEEL GATE VALVES FACE TO FACE / END DIMENSIONS

CLASS 150#				
SIZE			F/F	
NPS	DN	RF	RTJ	BW
2"	50	178	191	216
3"	80	203	216	282
4"	100	229	242	305
6"	150	267	280	403
8"	200	292	305	419
10"	250	330	343	457
12"	300	356	369	502

CLASS 300#				
SIZE			F/F	
NPS	DN	RF	RTJ	BW
2"	50	216	232	216
3"	80	282	298	282
4"	100	305	321	305
6"	150	403	419	403
8"	200	419	435	419
10"	250	457	473	457
12"	300	502	518	502

CLASS 600#				
SIZE			F/F	
NPS	DN	RF	RTJ	BW
2"	50	292	295	292
3"	80	356	359	356
4"	100	432	435	432
6"	150	559	562	559
8"	200	660	663	660
10"	250	787	790	787
12"	300	838	841	838

Forged Globe Valve

Design Features

DESIGN AND MANUFACTURING: API 602/BS EN ISO 15761

INSPECTION AND TESTING: API 598/BS EN ISO 12266-1

SOCKET WELD STANDARD : ASME B 16.11

SCREWED END STANDARD : ASME B 1.20.1

BUTT WELD STANDARD : ASME B 16.25

AVAILABLE END CONNECTIONS:

SOCKET WELD END / SCREWED END / SOCKET X SCREWED END /
BUTT WELD END / FLANGED END / NIPPLE EXTENSION

FLANGE STANDARD : ASME B 16.5

FACE TO FACE FOR GENERAL VALVES : MANUFACTURER STANDARD

FACE TO FACE FOR FLANGED VALVES : ASME B16.10

CLOSER MEMBER: LOOSE PLUG

STRUCTURE FEATURE :

BOLTED /WELDED JOINT

EXTENDED BONNET FOR CRYO APPLICATION

MATERIAL STANDARD : ASTM / ANSI



GLOBE VALVE SOCKET / SCREWED / BUTT WELD

CLASS 800#						
SIZE	F/F	ØP	H(O)	H(C)	ØWH	WT
15mm	87	9	148	141	90	1.7kg
20mm	92	12	152	145	90	2kg
25mm	106	17	186	172	116	3.2kg
40mm	127	25	236	215	150	6.40kg
50mm	142	29	279	250	150	10.60kg

CLASS 1500#						
SIZE	F/F	ØP	H(O)	H(C)	ØWH	WT
15mm	92	8	152	145	90	2.30kg
20mm	106	9	183	169	116	3.35kg
25mm	127	14	231	210	150	6.65kg
40mm	142	25	273	244	150	11.2kg
50mm	172	27	321	297	200	14.5kg

CLASS 2500#						
SIZE	F/F	ØP	H(O)	H(C)	ØWH	WT
15mm	106	7	183	169	116	4kg
20mm	127	8	228	207	150	7kg
25mm	142	12	268	239	150	11.7kg
40mm	172	22	321	297	200	15kg
50mm	-	-	-	-	-	-

GLOBE VALVE FLANGE END

CLASS 150#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	108	90	9.6	15.8	2.6kg
20mm	117	100	11.2	21	3.5kg
25mm	127	110	12.7	26.7	5kg
40mm	165	125	15.9	41	9.5kg
50mm	203	150	17.5	52.5	15.3kg

CLASS 300#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	152	95	12.7	15.8	3.4kg
20mm	178	115	14.3	21	4.7kg
25mm	203	125	15.9	26.7	6.8kg
40mm	229	155	19.1	41	12.5kg
50mm	267	165	20.7	52.5	17.9kg

CLASS 600#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	165	95	14.3	15.8	3.6kg
20mm	190	115	15.9	21	5.1kg
25mm	216	125	17.5	26.7	7.2kg
40mm	241	155	22.3	41	13.5kg
50mm	292	165	25.4	52.5	19.9kg

Cast Steel Globe Valve

Design Features

DESIGN AND MANUFACTURING: BS 1873/ ASME B16.34
INSPECTION AND TESTING: API 598, BSEN 12266 PART - 1
FLANGE STANDARD: ASME B 16.5
BUTT WELD STANDARD : ASME B 16.25

FACE TO FACE & END TO END DIMENSION : ASME B 16.10
CLOSURE MEMBER : PARABOLIC / REGULATING PLUG

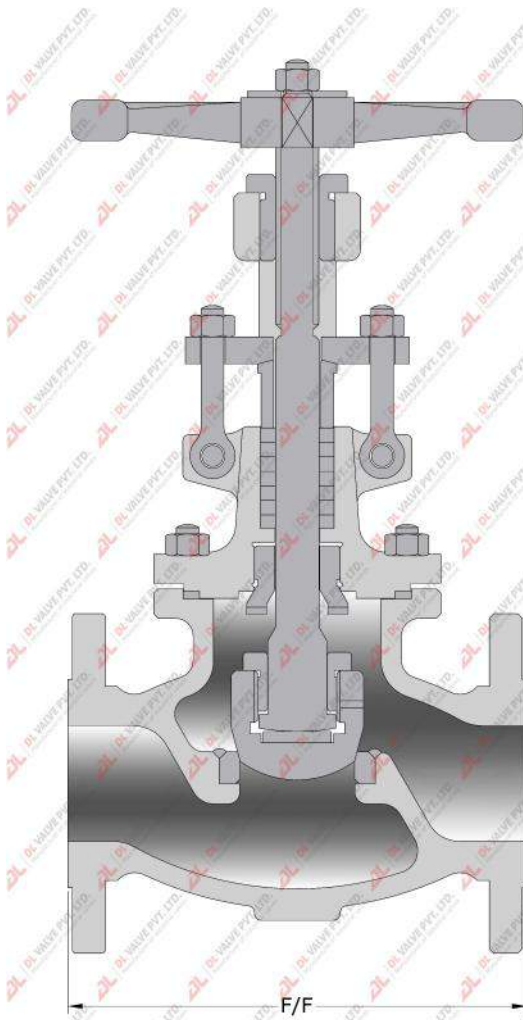
Tolerance

FACE TO FACE : $\pm 1.5\text{mm}$ FOR NPS < 10" & $\pm 3.0\text{mm}$ FOR NPS > 10"

AVAILABLE END CONNECTIONS:

BUTT WELD END / RF FLANGED END / RTJ FLANGED END

*Above 12" available up to 24" and dimensions available on request



CAST STEEL GLOBE VALVES FACE TO FACE / END DIMENSIONS

CLASS 150#				
SIZE			F/F	
NPS	DN	RF	RTJ	BW
2"	50	203	216	203
3"	80	241	254	241
4"	100	292	305	292
6"	150	406	419	406
8"	200	495	508	495
10"	250	622	635	622
12"	300	698	711	698

CLASS 300#				
SIZE			F/F	
NPS	DN	RF	RTJ	BW
2"	50	267	283	267
3"	80	318	334	318
4"	100	356	372	356
6"	150	444	460	444
8"	200	559	575	559
10"	250	622	638	622
12"	300	711	727	711

CLASS 600#				
SIZE			F/F	
NPS	DN	RF	RTJ	BW
2"	50	292	295	292
3"	80	356	359	356
4"	100	432	435	432
6"	150	559	562	559
8"	200	660	663	660
10"	250	787	790	787
12"	300	838	841	838

Forged Check Valve

Design Features

DESIGN AND MANUFACTURING: API 602/BS EN ISO 15761

INSPECTION AND TESTING: API 598/BS EN ISO 12266-1

SOCKET WELD STANDARD : ASME B 16.11

SCREWED END STANDARD : ASME B 1.20.1

BUTT WELD STANDARD : ASME B 16.25

FLANGE STANDARD : ASME B 16.5

FACE TO FACE FOR GENERAL VALVES : MANUFACTURER STANDARD

FACE TO FACE FOR FLANGED VALVES : ASME B16.10

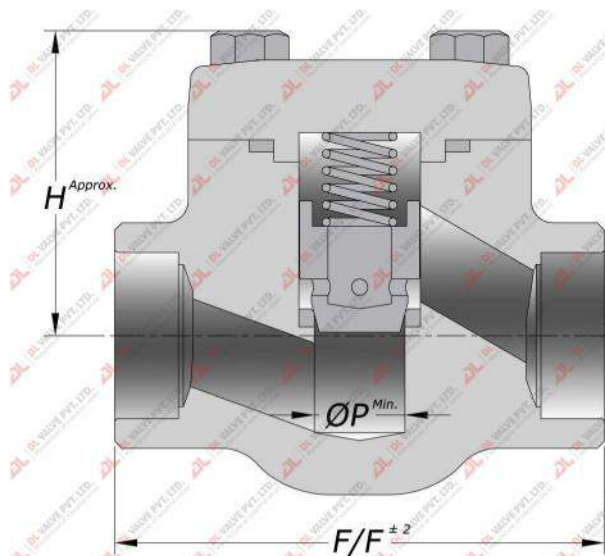
CLOSER MEMBER: PISTON / BALL

AVAILABLE END CONNECTIONS:

SOCKET WELD END / SCREWED END / SOCKET X SCREWED END /
BUTT WELD END / FLANGED END / NIPPLE EXTENSION

STRUCTURE FEATURE : BOLTED /WELDED JOINT

MATERIAL STANDARD : ASTM / ANSI



CHECK VALVE SOCKET / SCREWED / BUTT WELD

CLASS 800#					
SIZE	F/F	ØP	H	WT	
15mm	87	9	53	1kg	
20mm	92	12	56	1.3kg	
25mm	106	17	66	2.2kg	
40mm	127	25	86	4.7kg	
50mm	142	29	104	8.2kg	

CLASS 1500#					
SIZE	F/F	ØP	H	WT	
15mm	92	8	56	1.5kg	
20mm	106	9	66	2.5kg	
25mm	127	14	86	5.6kg	
40mm	142	25	104	9.4kg	
50mm	172	27	120	11kg	

CLASS 2500#					
SIZE	F/F	ØP	H	WT	
15mm	106	7	66	2.9kg	
20mm	127	8	86	6.4kg	
25mm	142	12	104	10.8kg	
40mm	172	22	120	11.5g	
50mm	-	-	-	-	

CHECK VALVE FLANGE END

CLASS 150#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	108	90	9.6	15.8	2kg
20mm	117	100	11.2	21	2.9kg
25mm	127	110	12.7	26.7	4.2kg
40mm	165	125	15.9	41	7.9kg
50mm	203	150	17.5	52.5	13.4kg

CLASS 300#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	152	95	12.7	15.8	2.8kg
20mm	178	115	14.3	21	4.1kg
25mm	203	125	15.9	26.7	6kg
40mm	229	155	19.1	41	9.3kg
50mm	267	165	20.7	52.5	16kg

CLASS 600#					
SIZE	F/F	ØF	FT	ØA	WT
15mm	165	95	14.3	15.8	3kg
20mm	190	115	15.9	21	4.2kg
25mm	216	125	17.5	26.7	6.4kg
40mm	241	155	22.3	41	11.9kg
50mm	292	165	25.4	52.5	18kg

Cast Steel Swing Check Valve

Design Features

DESIGN AND MANUFACTURING: BS 1868

INSPECTION AND TESTING: API 598, BSEN 12266 PART - 1

END FLANGES DIMENSION: ASME B 16.5

BW END DIMENSION : ASME B 16.25

Tolerance

FACE TO FACE : $\pm 1.5\text{mm}$ FOR NPS < 10" & $\pm 3.0\text{mm}$ FOR NPS > 10"

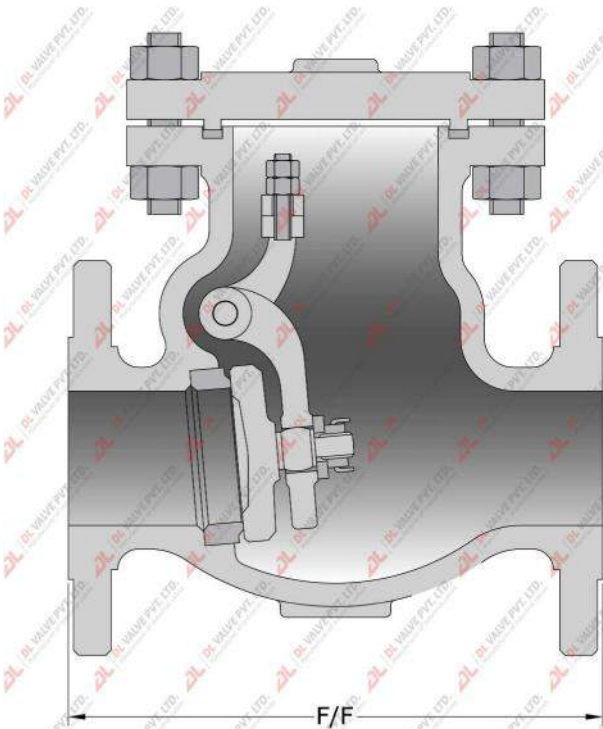
*Above 12" available up to 24" and dimensions available on request

FACE TO FACE & END TO END DIMENSION : ASME B 16.10

CLOSURE MEMBER : DISC OPERATED BY GRAVITATIONAL ACCELERATION

AVAILABLE END CONNECTIONS:

BUTT WELD END / RF FLANGED END / RTJ FLANGED END



CAST STEEL SWING CHECK VALVE FACE TO FACE / END DIMENSIONS

CLASS 150#					CLASS 300#					CLASS 600#				
SIZE			F/F		SIZE		F/F			SIZE		F/F		
NPS	DN	RF	RTJ	BW	NPS	DN	RF	RTJ	BW	NPS	DN	RF	RTJ	BW
2"	50	203	216	203	2"	50	267	283	267	2"	50	292	295	292
3"	80	241	254	241	3"	80	318	334	318	3"	80	356	359	356
4"	100	292	305	292	4"	100	356	372	356	4"	100	432	435	432
6"	150	356	369	356	6"	150	444	460	444	6"	150	559	562	559
8"	200	495	508	495	8"	200	533	549	533	8"	200	660	663	660
10"	250	622	635	622	10"	250	622	638	622	10"	250	787	790	787
12"	300	698	711	698	12"	300	711	727	711	12"	300	838	841	838

Forged Ball Valve

Design Features

DESIGN AND MANUFACTURING: BS EN ISO 17292

INSPECTION AND TESTING: BS EN 12266-1/ISO 5208-A/API 598

SOCKET WELD STANDARD: ASME B 16.11

SCREWED END STANDARD: ASME B 1.20.1

BUTT WELD STANDARD: ASME B 16.25

FLANGE STANDARD: ASME B 16.5

FACE TO FACE FOR GENERAL VALVES: MANUFACTURER STANDARD

FACE TO FACE FOR FLANGED VALVES: ASME B16.10

CLOSER MEMBER: SOLID BALL

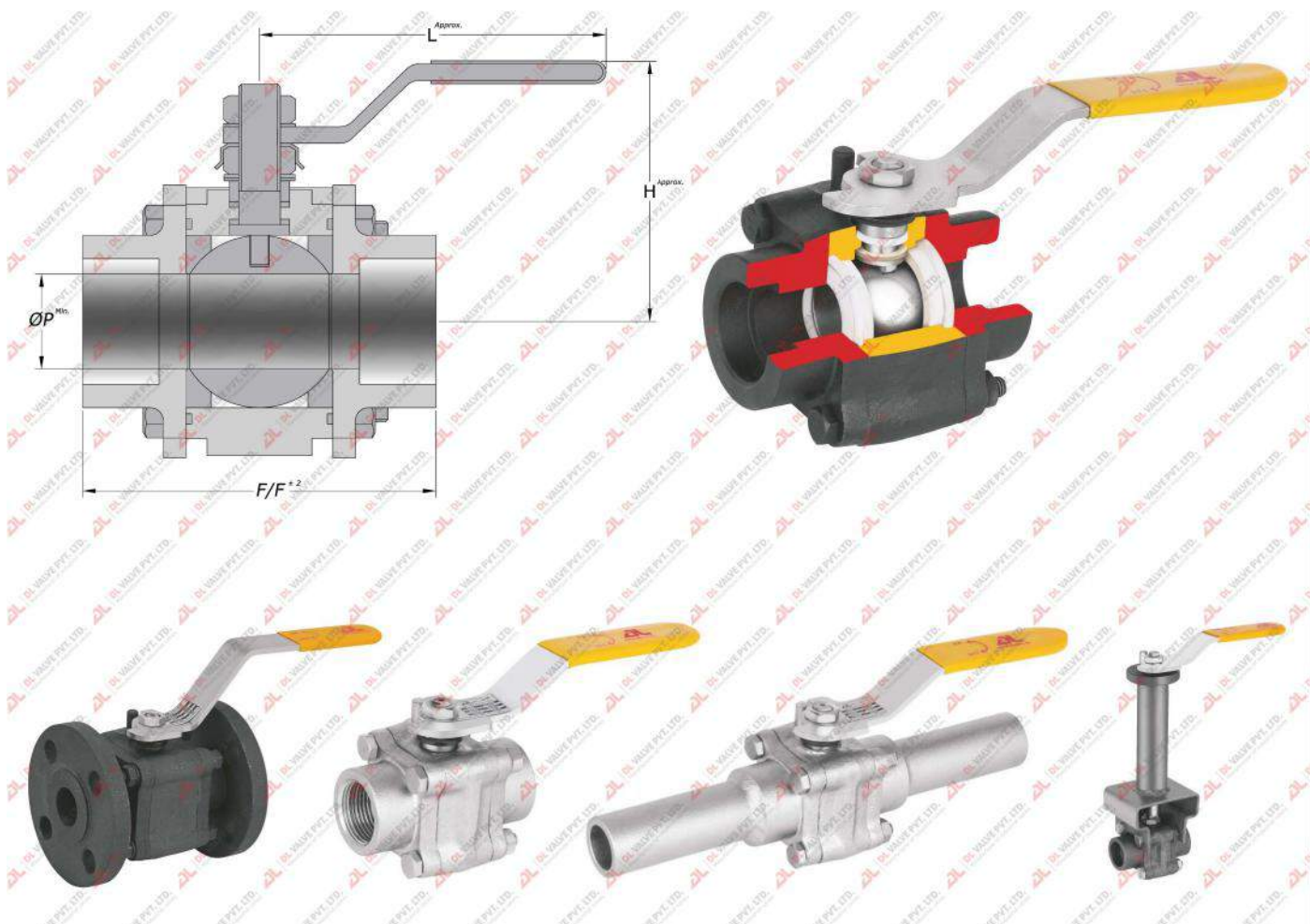
AVAILABLE END CONNECTIONS:

SOCKET WELD END / SCREWED END / SOCKET X SCREWED END /
BUTT WELD END / FLANGED END / NIPPLE EXTENSION

STRUCTURE FEATURE: SOFT SEATED, BOLTED JOINT, RB / FB

STEM EXTENSION FOR CRYO APPLICATION

MATERIAL STANDARD: ASTM / ANSI



BALL VALVE SOCKET / SCREWED

CLASS 800# REDUCED BORE						CLASS 800# FULL BORE					
SIZE	F/F	ØP	H	L	WT	SIZE	F/F	ØP	H	L	WT
15mm	68	10	38	128	0.7kg	15mm	73	14	40	128	1kg
20mm	73	14	40	128	1kg	20mm	96	20	53	155	1.9kg
25mm	96	20	53	155	1.9kg	25mm	103	25	56	165	2.5kg
40mm	116	30.5	75	200	3.3kg	40mm	128	37.3	80	200	4.7kg
50mm	128	37.3	80	200	4.7kg	50mm	142	50	90	250	6.5kg

BALL VALVE FLANGE END

CLASS 150#						CLASS 300#						CLASS 600#					
SIZE	F/F	ØF	FT	ØA	WT	SIZE	F/F	ØF	FT	ØA	WT	SIZE	F/F	ØF	FT	ØA	WT
15mm	108	90	9.6	15.8	1.7kg	15mm	140	95	12.7	15.8	2.5kg	15mm	165	95	14.3	15.8	2.7kg
20mm	117	100	11.2	21	2.6kg	20mm	152	115	14.3	21	3.8kg	20mm	190	115	15.9	21	4.2kg
25mm	127	110	12.7	26.7	3.9kg	25mm	165	125	15.9	26.7	5.7kg	25mm	216	125	17.5	26.7	6.1kg
40mm	165	125	15.9	41	6.5kg	40mm	190	155	19.1	41	9.5kg	40mm	241	155	22.3	41	10.5kg
50mm	178	150	17.5	52.5	9.9kg	50mm	216	165	20.7	52.5	12.5kg	50mm	292	165	25.4	52.5	14.5kg

BOM Forged Valves

MATERIAL DETAIL FOR FORGED GATE & GLOBE VALVE

No.	DESCRIPTION	A105N	F304L	F316L	LF2
1	BODY & BONNET	ASTM A105N	ASTM A182 GR. F304L	ASTM A182 GR. F316L	ASTM A350 GR. LF2
2	FLANGE	ASTM A105N	ASTM A182 GR. F304L	ASTM A182 GR. F316L	ASTM A350 GR. LF2
3	WEDGE/DISC	ASTM A217 GR. CA-15	ASTM A351 GR. CF8	ASTM A351 GR. CF8M	ASTM A351 GR. CF8
4	SEAT RING	ASTM A276 GR. SS-410	ASTM A276 GR. SS-304/INTEGRAL	ASTM A276 GR. SS-316/INTEGRAL	ASTM A276 GR. SS-304
5	STEM	ASTM A276 GR. SS-410	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316	ASTM A276 GR. SS-304
6	YOKE SLEEVE	EN1A	EN1A	EN1A	EN1A
7	GASKET	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL
8	GLAND PACKING	GRAPHITE RING	GRAPHITE RING	GRAPHITE RING	GRAPHITE RING
9	HEX BOLT	ASTM A193 GR. B7	ASTM A193 GR. B8	ASTM A193 GR. B8M	ASTM A320 GR. L7
10	HAND WHEEL	SG IRON	SG IRON	SG IRON	SG IRON

MATERIAL DETAIL FOR FORGED CHECK VALVE

No.	DESCRIPTION	A105N	F304L	F316L	LF2
1	BODY & COVER	ASTM A105N	ASTM A182 GR. F304L	ASTM A182 GR. F316L	ASTM A350 GR. LF2
2	FLANGE	ASTM A105N	ASTM A182 GR. F304L	ASTM A182 GR. F316L	ASTM A350 GR. LF2
3	DISC	ASTM A276 GR. SS-410	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316	ASTM A276 GR. SS-304
4	SEAT RING	ASTM A276 GR. SS-410	INTEGRAL	INTEGRAL	ASTM A276 GR. SS-304
5	SPRING	ASTM A313 GR. SS-304	ASTM A313 GR. SS-304	ASTM A313 GR. SS-304	ASTM A313 GR. SS-304
6	GASKET	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL
7	HEX BOLT	ASTM A193 GR. B7	ASTM A193 GR. B8	ASTM A193 GR. B8M	ASTM A320 GR. L7

MATERIAL DETAIL FOR FORGED BALL VALVE

No.	DESCRIPTION	A105N	F304L	F316L	LF2
1	BODY & SIDE PIECE	ASTM A105N	ASTM A182 GR. F304L	ASTM A182 GR. F316L	ASTM A350 GR. LF2
2	FLANGE	ASTM A105N	ASTM A182 GR. F304L	ASTM A182 GR. F316L	ASTM A350 GR. LF2
3	SEAT RING	CARBON FILLED TEFLON	CARBON FILLED TEFLON	CARBON FILLED TEFLON	CARBON FILLED TEFLON
4	BALL	ASTM A276 GR. SS-304	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316	ASTM A276 GR. SS-304
5	STEM	ASTM A276 GR. SS-304	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316	ASTM A276 GR. SS-304
6	O RING	CARBON FILLED TEFLON	CARBON FILLED TEFLON	CARBON FILLED TEFLON	CARBON FILLED TEFLON
7	HEX BOLT	ASTM A193 GR. B7	ASTM A193 GR. B8	ASTM A193 GR. B8M	ASTM A320 GR. L7
8	GLAND PACKING	CARBON FILLED TEFLON	CARBON FILLED TEFLON	CARBON FILLED TEFLON	CARBON FILLED TEFLON
9	HANDLE	CARBON STEEL + ZINC PLATED	CARBON STEEL + ZINC PLATED	CARBON STEEL + ZINC PLATED	CARBON STEEL + ZINC PLATED

BOM Cast Valves

MATERIAL DETAIL FOR CAST STEEL GATE & GLOBE VALVE

DESCRIPTION	WCB	CF8	CF8M
BODY & BONNET	ASTM A216 GR. WCB	ASTM A351 GR. CF8	ASTM A351 GR. CF8M
SEAT RING	CS + 13% Cr	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316
WEDGE/PLUG	WCB + 13% Cr	ASTM A351 GR. CF8	ASTM A351 GR. CF8M
STEM	ASTM A276 GR. SS-410	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316
GASKET	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL
JOINT STUD	ASTM A193 GR. B7	ASTM A193 GR. B8	ASTM A193 GR. B8M
JOINT STUD NUT	ASTM A194 GR. 2H	ASTM A194 GR. 8	ASTM A194 GR. 8M
BACKSEAT BUSH	ASTM A276 GR. SS-410	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316
PACKING RINGS	GRAPHITE RING	GRAPHITE RING	GRAPHITE RING
GLAND BUSH	ASTM A276 GR. SS-410	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316
GLAND FLANGE	ASTM A216 GR. WCB	ASTM A351 GR. CF8	ASTM A351 GR. CF8M
STEM NUT	SG IRON	SG IRON	SG IRON
HANDWHEEL	SG IRON	SG IRON	SG IRON

MATERIAL DETAIL FOR CAST STEEL SWING CHECK VALVE

DESCRIPTION	WCB	CF8	CF8M
BODY & COVER	ASTM A216 GR. WCB	ASTM A351 GR. CF8	ASTM A351 GR. CF8M
SEAT RING	CS + 13% Cr	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316
DISC	WCB + 13% Cr	ASTM A351 GR. CF8	ASTM A351 GR. CF8M
HINGE	ASTM A216 GR. WCB	ASTM A351 GR. CF8	ASTM A351 GR. CF8M
HINGE BRACKET	ASTM A216 GR. WCB	ASTM A351 GR. CF8	ASTM A351 GR. CF8M
HINGE PIN	ASTM A276 GR. SS-410	ASTM A276 GR. SS-304	ASTM A276 GR. SS-316
JOINT STUD	ASTM A193 GR. B7	ASTM A193 GR. B8	ASTM A193 GR. B8M
JOINT STUD NUT	ASTM A194 GR. 2H	ASTM A194 GR. 8	ASTM A194 GR. 8M
GASKET	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL	SPW SS-316 + GRAFOIL
DISC NUT	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL

PRESSURE TEST PARAMETER FOR GATE, GLOBE & CHECK VALVE

TESTING	150#	300#	600#	800#	1500#	2500#
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HYDRO TEST (KG/CM²)

BODY	32	78	156	211	390	655
SEAT	22	56	115	153	290	485
BACK SEAT	22	56	115	153	290	485

PNEUMATIC TEST (KG/CM²)

SEAT	7*
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PRESSURE TEST PARAMETER FOR BALL VALVE

TESTING	150#	300#	600#	800#	900#
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HYDRO TEST (KG/CM²)

BODY	32	78	156	211	240
SEAT	22	56	76	76	76

PNEUMATIC TEST (KG/CM²)

SEAT	7*
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* 1 Kg/cm² = 0.980665 Bar

* AIR TEST NOT APPLICABLE FOR CHECK VALVES

Cast Steel Ball Valve Screwed End

Design Features

DESIGN AND MANUFACTURING: BS EN ISO 17292 & AS PER 150#

INSPECTION AND TESTING: ISO 5208 / API 598

SCREWED END STANDARD : ASME B 1.20.1

FACE TO FACE STANDARD : MANUFACTURER STANDARD

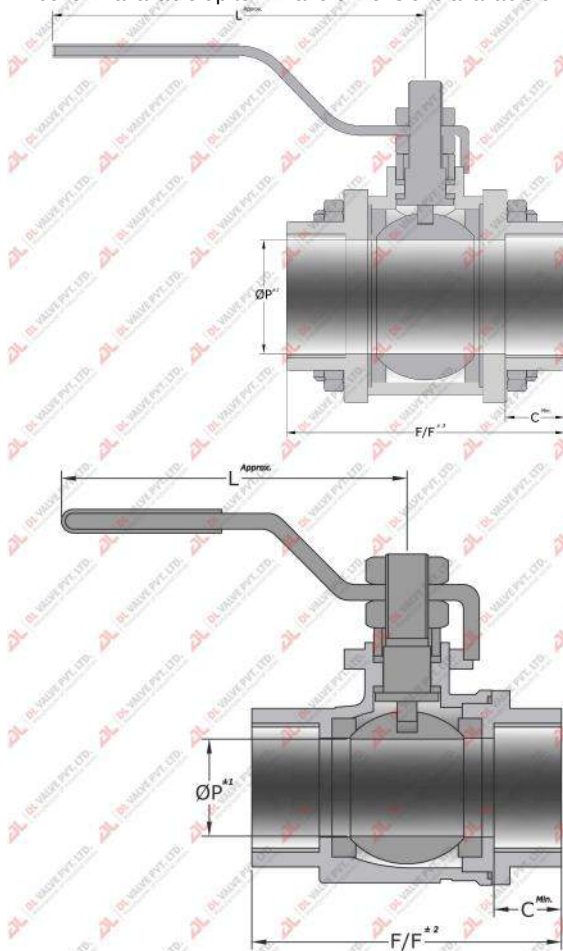
CLOSER MEMBER: SOLID / HOLLOW BALL

*Above 2" available up to 12" and dimensions available on request

AVAILABLE END CONNECTIONS: SCREWED END NPT / BSP

STRUCTURE FEATURE : 1 PIECE / 3 PIECE SOFT SEATED,
LEVER OPERATED, INVESTMENT CASTING, FULL BORE

MATERIAL STANDARD : ASTM / ANSI



CAST STEEL BALL VALVE SCREWED END

1 PIECE BALL VALVE				
SIZE	F/F	ØP	C	L
15	58.5	12.5	12	102
20	68.5	19	13	110
25	76.5	25	16	140
32	90	32	17	180
40	100	38	18	180
50	118	50	20	180

*Available in CF8/CF8M

3 PIECE BALL VALVE				
SIZE	F/F	ØP	C	L
15	62.5	12.5	14	110
20	74	19	14	110
25	87	25	18	140
32	89	32	17	180
40	109	38	17	180
50	110	50	17	180

PRESSURE TEST PARAMETER FOR CAST BALL VALVE	
TESTING	150#
BODY	32 KG/CM ²
SEAT	22 KG/CM ²
PNEUMATIC SEAT	7 KG/CM ²

MATERIAL DETAILS FOR CAST BALL VALVE SCREWED END

No.	PART NAME	CF8M	CF8	WCB
1	BODY	ASTM A351 GR. CF8M	ASTM A351 GR. CF8	ASTM A351 GR. WCB
2	ADAPTER	ASTM A351 GR. CF8M	ASTM A351 GR. CF8	ASTM A351 GR. WCB
3	BALL	ASTM A351 GR. CF8M	ASTM A351 GR. CF8	ASTM A351 GR. CF8
4	STEM	AISI SS316	AISI SS304	AISI SS304
5	GLAND	AISI SS304	AISI SS304	AISI SS304
6	SEAT RING	PTFE	PTFE	PTFE
7	BODY SEAL	PTFE	PTFE	PTFE
8	GLAND PACKING	PTFE	PTFE	PTFE
9	FASTNERS	SS	SS	SS
10	LEVER	SS	SS	MS

Cast Steel Ball Valve Flange End

Design Features

DESIGN AND MANUFACTURING: BS EN ISO 17292

INSPECTION AND TESTING: ISO 5208 / API 598

FLANGE STANDARD : ASME B 16.5

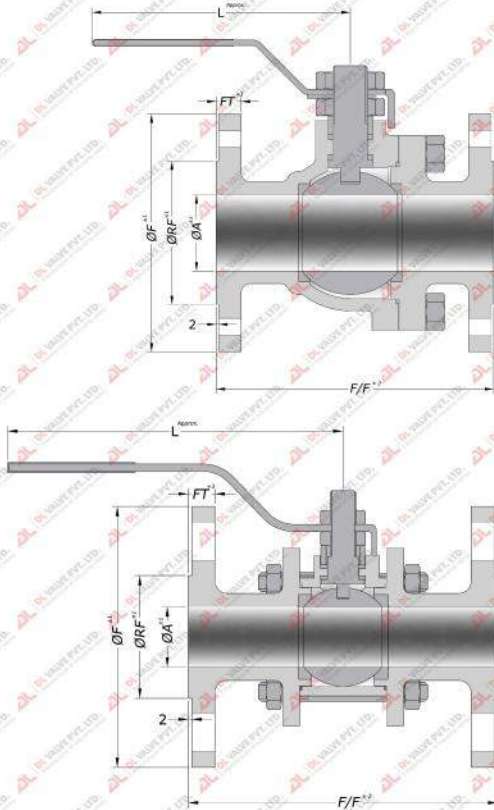
FACE TO FACE STANDARD : ASME B16.10

CLOSER MEMBER: SOLID / HOLLOW BALL

AVAILABLE END CONNECTIONS: FLANGED END AS PER 150#

STRUCTURE FEATURE : 2 PIECE / 3 PIECE SOFT SEATED,
LEVER OPERATED, INVESTMENT CASTING, FULL BORE

MATERIAL STANDARD : ASTM / ANSI



CAST STEEL BALL VALVE FLANGE END

2 PIECE FLANGED END BALL VALVE						
SIZE	F/F	ØA	ØF	FT	ØRF	L
15	108	12.5	90	10	34.9	127
20	117	19	100	10.9	42.9	145
25	127	25	110	11.6	50.8	160
40	165	38	125	14.7	73	220
50	178	51	150	16.3	92.1	220
65	190	63	180	17.9	104.8	295
80	203	76	190	19.5	127	295
100	229	101	230	24.3	157.2	395

3 PIECE FLANGED END BALL VALVE						
SIZE	F/F	ØA	ØF	FT	ØRF	L
15	108	12.5	90	10	34.9	127
20	117	19	100	10.9	42.9	145
25	127	25	110	11.6	50.8	160
32	140	32	115	13.2	63.5	180
40	165	38	125	14.7	73	220
50	178	51	150	16.3	92.1	220
65	190	63	180	17.9	104.8	295
80	203	76	190	19.5	127	295
100	229	101	230	24.3	157.2	395

PRESSURE TEST PARAMETER FOR CAST BALL VALVE

TESTING	150#
BODY	32 KG/CM ²
SEAT	22 KG/CM ²
PNEUMATIC SEAT	7 KG/CM ²

MATERIAL DETAILS FOR CAST BALL VALVE FLANGED END

No.	PART NAME	CF8M	CF8	WCB
1	BODY	ASTM A351 GR. CF8M	ASTM A351 GR. CF8	ASTM A351 GR. WCB
2	SIDE PIECE	ASTM A351 GR. CF8M	ASTM A351 GR. CF8	ASTM A351 GR. WCB
3	BALL	ASTM A351 GR. CF8M	ASTM A351 GR. CF8	ASTM A351 GR. CF8
4	STEM	AISI SS316	AISI SS304	AISI SS304
5	GLAND	AISI SS304	AISI SS304	AISI SS304
6	SEAT RING	PTFE	PTFE	PTFE
7	BODY SEAL	PTFE	PTFE	PTFE
8	GAND PACKING	PTFE	PTFE	PTFE
9	STEM SEAL	PTFE	PTFE	PTFE
10	FASTNERS	AISI SS304	AISI SS304	AISI SS304 / MS
11	LEVER	SS	SS	MS
12	BOLTS & WASHER	SS304	SS304	MS
13	LEVER SLEEVE	PVC	PVC	PVC

Our Clients

Our success is vested in our client's success...



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
 Nuclear Power Corporation of India Limited



and many more...

Forged Flanges

Design Features

DESIGN AND MANUFACTURING : ASME B16.5

AVAILABLE SIZES : 1/2" TO 24"

PRESSURE CLASS : 150# TO 2500#

AVAILABLE END CONNECTIONS :

WELDING NECK FLANGE, SOCKET WELD FLANGE(UPTO 3")

SLIP-ON WELDING FLANGE, BLIND FLANGE

STRUCTURE FEATURE : RAISED FACE, FLAT FACE, RTJ

MATERIAL STANDARD :

CARBON STEEL, LOW CARBON STEEL,
STAINLESS STEEL, ALLOY STEEL, DUPLEX STEEL



BLIND FLANGE



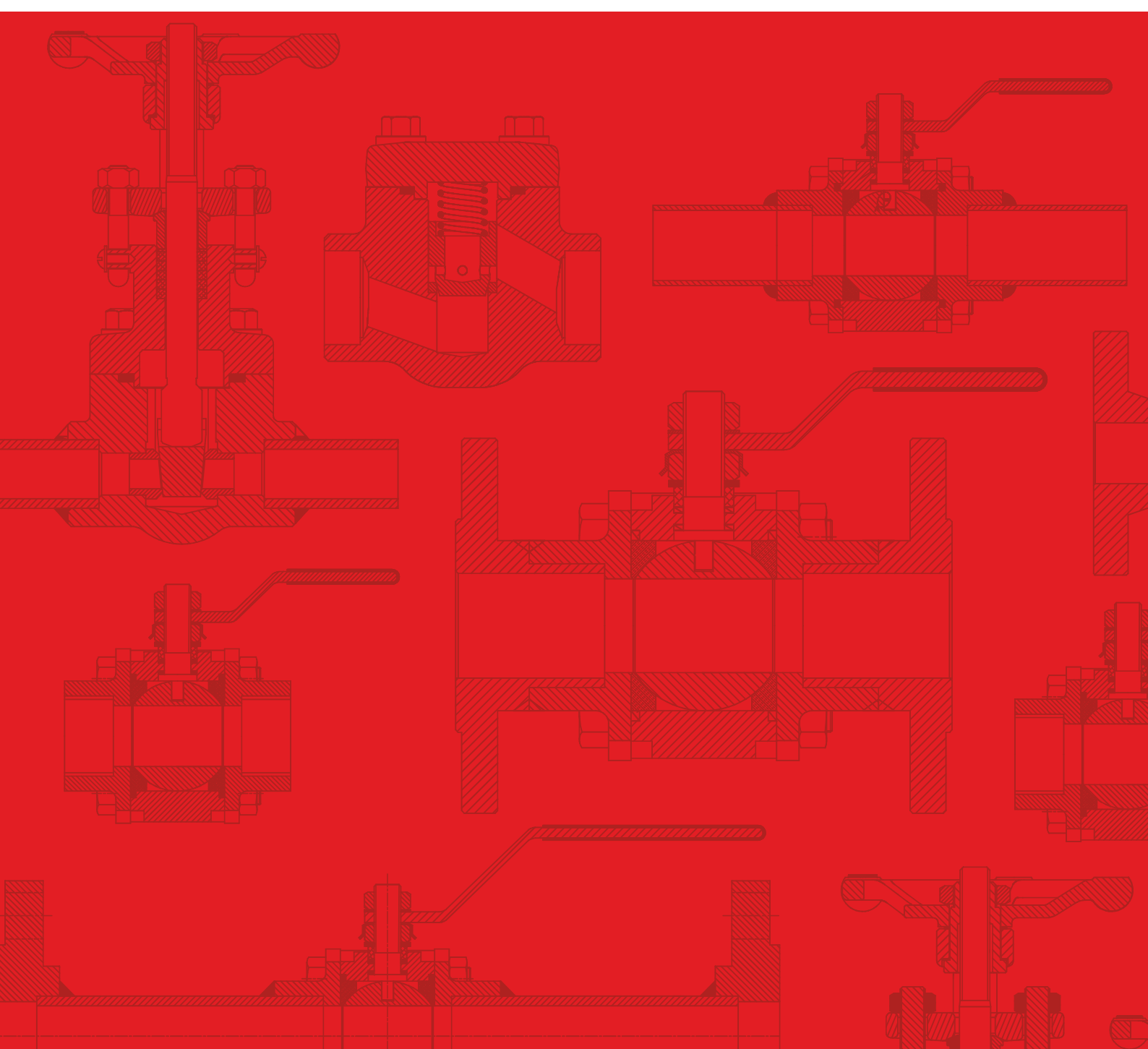
SLIP-ON WELDING FLANGE



SOCKETWELD FLANGE



WELDNECK FLANGE



DL VALVE PVT. LTD.

Industrial Valves Manufacturer

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