

Control the Flow...
Precisely...

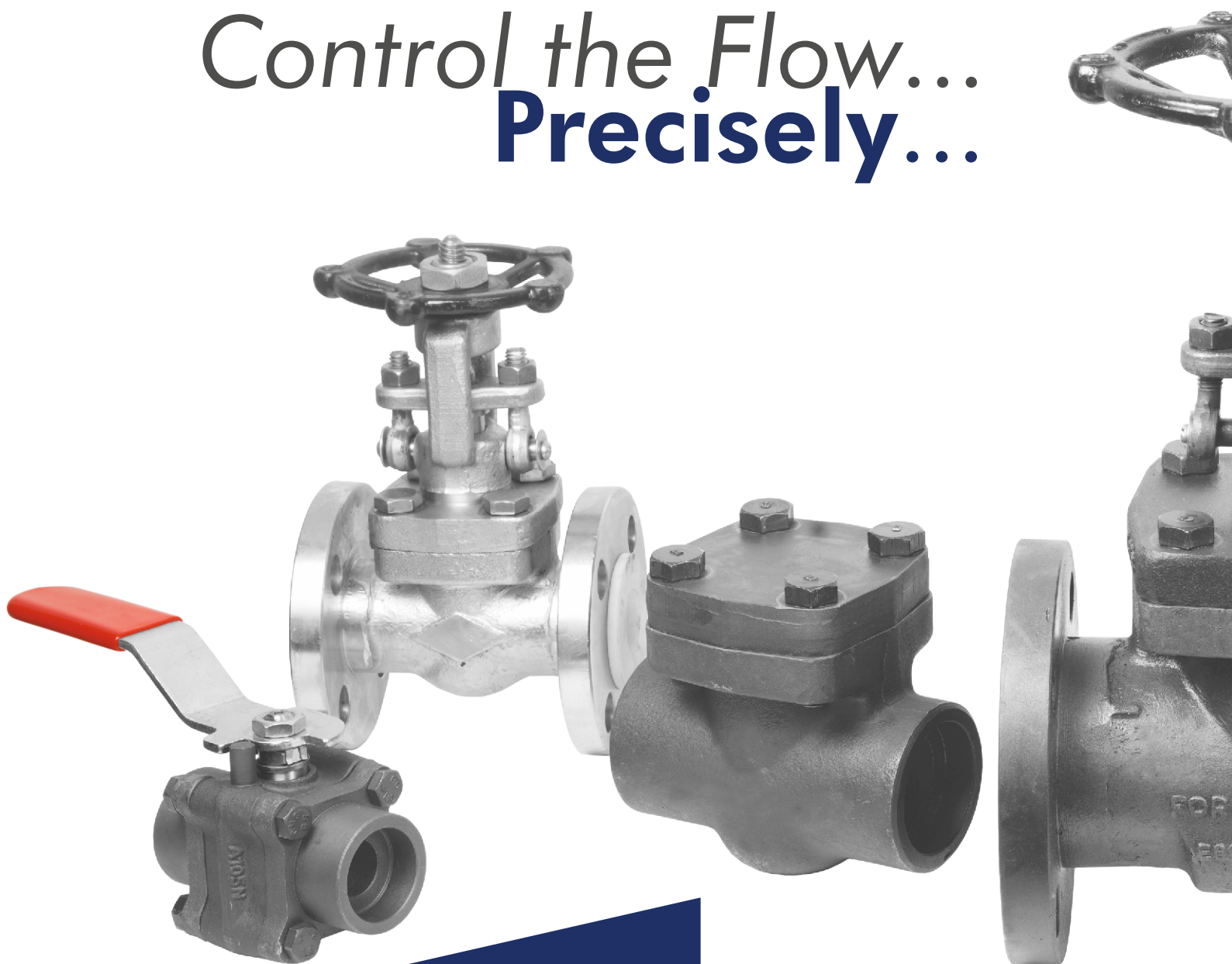


INTECHFLOW VALVE LLP
MFG. ALL TYPES OF INDUSTRIAL VALVES

www.intechflowvalve.com

IFV

Control the Flow...
Precisely...



INTECHFLOW Valve is one of the leading manufacturer and suppliers of the industrial valves, providing complete flow-control solution. Established with a single goal in mind, to provide premium quality with cost effective products to the customers.

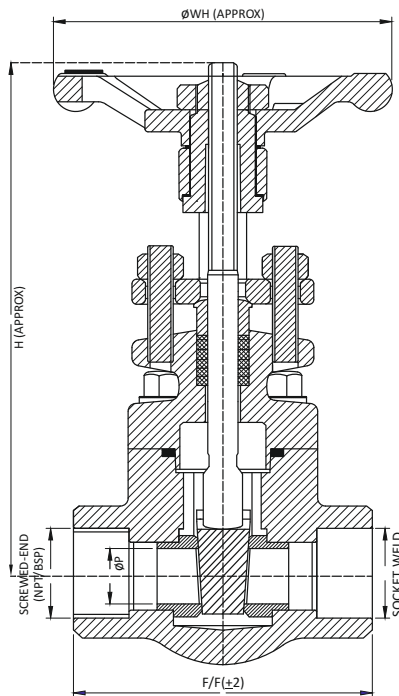
Forged and cast carbon steel valve manufacturers, suppliers, and exporters in Rajkot, India to all over the globe. Cast and forged carbon steel gate valve manufacturer according to international specifications and ISO standards certified since 2019 with long lasting, less maintenance and cost efficient as well as required industrial characteristics and features to delivered more than expected performance, functions and operation.

From the start of the process, which is acquisition of the raw material to end of the process which is shipment of the product, our team thoroughly supervise and inspect each and every aspect of the in-between process using high-end equipment and the quality team assures that each and every requirement of our customer is fulfilled.



GATE VALVE

IFV



CLASS-800#

Sizes	F/F	ØP	H-O	H-C	ØWH	WT
15 mm	87	9.5	152	130	86	1.6kg
20 mm	92	12.7	158	133	86	1.9kg
25 mm	106	17.5	189	155	116	3.1kg
32 mm	127	23.8	239	200	150	6.3kg
40 mm	127	28.6	239	200	150	6.1kg
50 mm	142	36.5	288	235	150	9.8kg

CLASS-1500#

Sizes	F/F	ØP	H-O	H-C	ØWH	WT
15 mm	92	9.5	158	133	86	2.2kg
20 mm	106	12.7	189	155	116	3.6kg
25 mm	127	15.9	239	200	150	7.3kg
32 mm	142	22.2	288	235	150	7.0kg
40 mm	142	27.0	288	235	150	11.3kg

CLASS-2500#

Sizes	F/F	ØP	H-O	H-C	ØWH	WT
15 mm	106	7.0	189	155	116	4.1kg
20 mm	127	12.5	239	200	150	8.4kg
25 mm	142	15.5	288	235	150	13.0kg

GATE VALVE FLANGE END

CLASS-150#

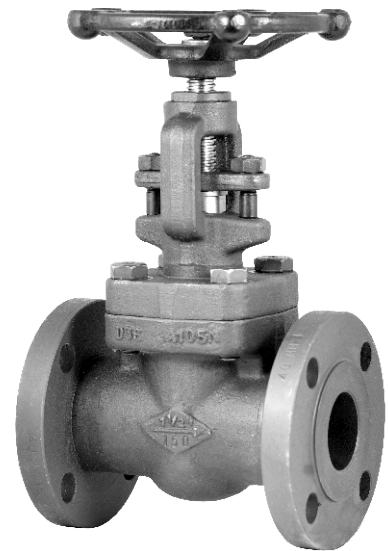
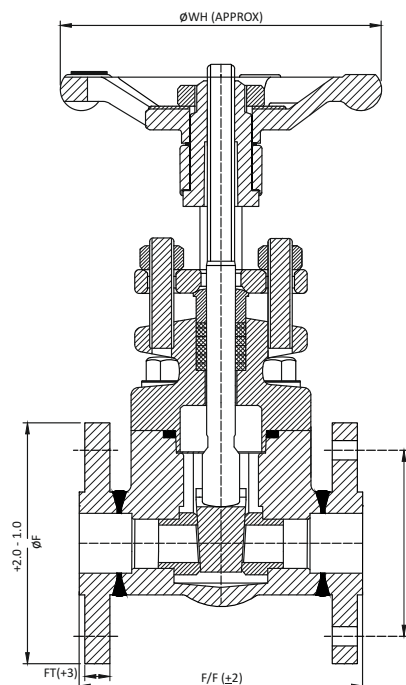
Sizes	F/F	ØF	FT	ØW	WT
15 mm	108	90	9.6	60.3	2.6kg
20 mm	117	100	11.2	69.9	3.5kg
25 mm	127	110	12.7	79.4	5.1kg
32 mm	140	115	14.3	88.9	8.7kg
40 mm	165	125	15.9	98.4	9.3kg
50 mm	178	150	17.5	120.7	15.0kg

CLASS-300#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	140	95	12.7	66.7	3.2kg
20 mm	152	115	14.3	82.6	4.7kg
25 mm	165	125	15.9	88.9	6.5kg
32 mm	178	135	17.5	98.4	10.5kg
40 mm	190	155	19.1	114.3	12.1kg
50 mm	216	165	20.7	127	17.2kg

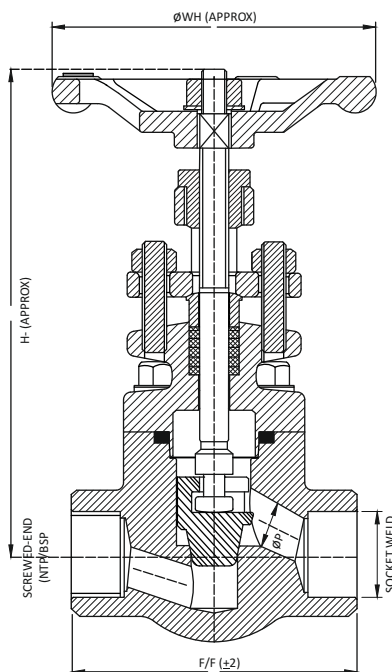
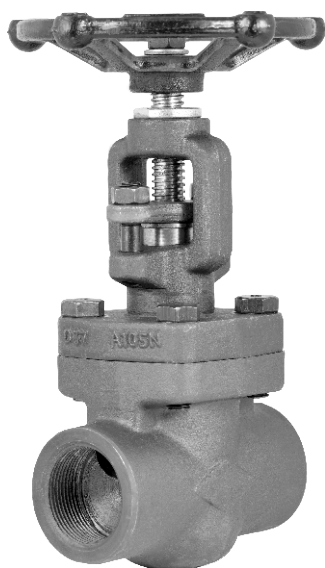
CLASS-600#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	165	95	14.3	66.7	3.6kg
20 mm	190	115	15.9	82.6	5.1kg
25 mm	216	125	17.5	88.9	7.3kg
32 mm	229	135	20.7	98.4	11.5kg
40 mm	241	155	22.3	114.3	13.7kg
50 mm	292	165	25.4	127	20.0kg



GLOBE VALVE

IFV



CLASS-800#

Sizes	F/F	ØP	H-O	H-C	ØWH	WT
15 mm	87	9.0	153	147	86	1.6kg
20 mm	92	12.0	158	149	86	1.9kg
25 mm	106	17.0	194	182	116	3.0kg
32 mm	127	23.0	222	208	150	6.5kg
40 mm	127	25.0	222	208	150	6.3kg
50 mm	142	29.0	263	245	150	10.1kg

CLASS-1500#

Sizes	F/F	ØP	H-O	H-C	ØWH	WT
15 mm	92	8.0	158	149	86	2.2kg
20 mm	106	9.0	194	182	116	3.5kg
25 mm	127	14.0	222	208	150	7.5kg
32 mm	142	20.0	263	245	150	7.3kg
40 mm	142	25.0	263	245	150	11.6kg

CLASS-2500#

Sizes	F/F	ØP	H-O	H-C	ØWH	WT
15 mm	106	7.0	194	182	116	4.0kg
20 mm	127	8.0	222	208	150	8.6kg
25 mm	142	12.0	263	245	150	13.3kg

GLOBE VALVE FLANGE END

CLASS-150#

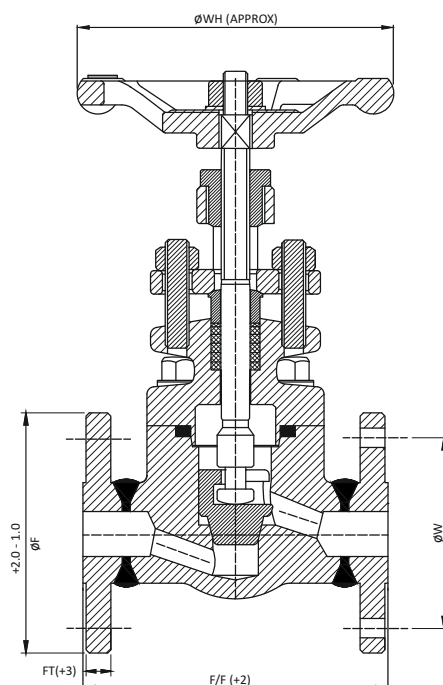
Sizes	F/F	ØF	FT	ØW	WT
15 mm	108	90	9.6	60.3	2.6kg
20 mm	117	100	11.2	69.9	3.5kg
25 mm	127	110	12.7	79.4	5.1kg
32 mm	140	115	14.3	88.9	8.9kg
40 mm	165	125	15.9	98.4	9.5kg
50 mm	203	150	17.5	120.7	15.3kg

CLASS-300#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	152	95	12.7	66.7	3.4kg
20 mm	178	115	14.3	82.6	4.7kg
25 mm	203	125	15.9	88.9	6.8kg
32 mm	216	135	17.5	98.4	10.9kg
40 mm	229	155	19.1	114.3	12.5kg
50 mm	267	165	20.7	127	17.9kg

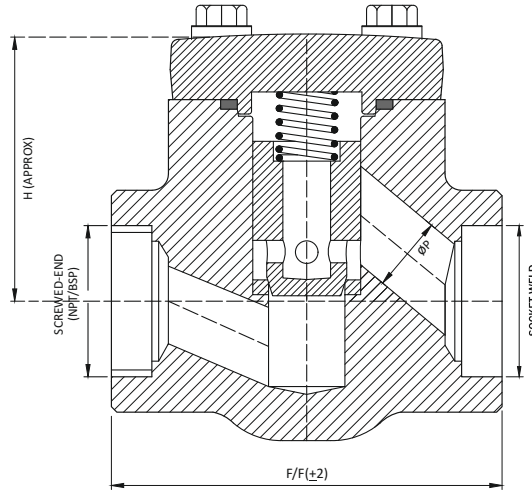
CLASS-600#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	165	95	14.3	66.7	3.6kg
20 mm	190	115	15.9	82.6	5.1kg
25 mm	216	125	17.5	88.9	7.2kg
32 mm	229	135	20.7	98.4	11.7kg
40 mm	241	155	22.3	114.3	13.5kg
50 mm	292	165	25.4	127	19.9kg



CHECK VALVE

IFV



CLASS-800#

Sizes	F/F	ØP	H	WT
15 mm	87	9.5	53	1.0kg
20 mm	92	12.7	56	1.3kg
25 mm	106	17.5	66	2.2kg
32 mm	127	23.8	86	4.9kg
40 mm	127	28.6	86	4.7kg
50 mm	142	36.5	104	8.2kg

CLASS-1500#

Sizes	F/F	ØP	H	WT
15 mm	92	8.0	56	1.5kg
20 mm	106	9.0	66	2.5kg
25 mm	127	14.0	86	5.6kg
32 mm	142	20.0	104	5.4kg
40 mm	142	25.0	104	9.4kg

CLASS-2500#

Sizes	F/F	ØP	H	WT
15 mm	106	7.0	66	2.9kg
20 mm	127	12.5	86	6.4kg
25 mm	142	15.5	104	10.8kg

CHECK VALVE FLANGE END

CLASS-150#

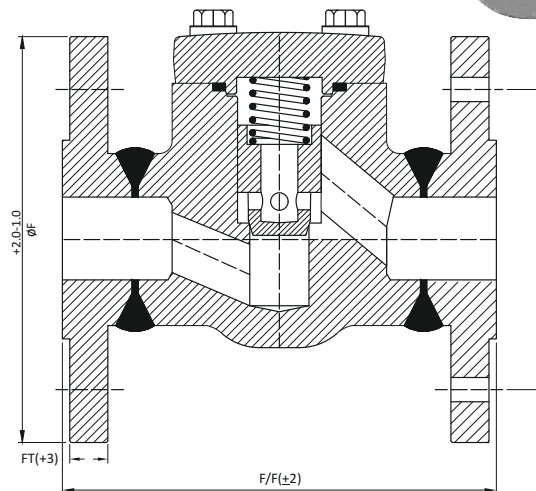
Sizes	F/F	ØF	FT	ØW	WT
15 mm	108	90	9.6	60.3	2.0kg
20 mm	117	100	11.2	69.9	2.9kg
25 mm	127	110	12.7	79.4	4.2kg
32 mm	140	115	14.3	88.9	7.3kg
40 mm	165	125	15.9	98.4	7.9kg
50 mm	203	150	17.5	120.7	13.4kg

CLASS-300#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	152	95	12.7	66.7	2.8kg
20 mm	178	115	14.3	82.6	4.1kg
25 mm	203	125	15.9	88.9	6.0kg
32 mm	216	135	17.5	98.4	9.3kg
40 mm	229	155	19.1	114.3	10.9kg
50 mm	267	165	20.7	127	16.0kg

CLASS-600#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	165	95	14.3	66.7	3.0kg
20 mm	190	115	15.9	82.6	4.2kg
25 mm	216	125	17.5	88.9	6.4kg
32 mm	229	135	20.7	98.4	10.1kg
40 mm	241	155	22.3	114.3	11.9kg
50 mm	292	165	25.4	127	18.0kg



ADDITIONAL SPECIFICATIONS FOR

FORGED VALVES



MATERIAL DETAILS FOR GATE AND GLOBE VALVES

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/PLUG	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	BS970: EN1A	BS970: EN1A	BS970: EN1A	BS970: EN1A
7	GASKET	SS-304 + SPIRAL WOUND GRAPHITE FILLER	SS-304 + SPIRAL WOUND GRAPHITE FILLER	SS-316 + SPIRAL WOUND GRAPHITE FILLER	SS-304 + SPIRAL WOUND GRAPHITE FILLER
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	HANDWHEEL	MI/SG IRON	MI/SG IRON	MI/SG IRON	MI/SG IRON

MATERIAL DETAIL FOR CHECK VALVES

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	CHECK PLUG	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	ASTM A182 GR. F304L INTEGRAL	ASTM A182 GR. F316L 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	SS-304 + SPIRAL WOUND GRAPHITE FILLER	SS-304 + SPIRAL WOUND GRAPHITE FILLER	SS-316 + SPIRAL WOUND GRAPHITE FILLER	SS-304 + SPIRAL WOUND GRAPHITE FILLER
7	HEX BOLT	ASTM A193 GR. B7	ASTM A193 GR. B8	ASTM A193 GR. B8M	ASTM A320 GR. L7

APPLICATION STANDARDS

1 DESIGN AND MANUFACTURE CONFORM TO
"API 602 FOR GATE VALVE, ISO 15761 FOR GLOBE & CHECK VALVE."
2 CONNECTION ENDS CONFORM TO
1] SOCKET WEL STANDEARD:- ASME B16.11
2] SCREWED END STANDARD :- ASME B1.20.1.1
3] BUTT-WELD STANDARD :- ASME B16.25
4] FALNGE END STANDARD:- ASME B16.5
5] FACE TO FACE FOR GENERAL :- MANUFACTURER'S STANDARD.
6] FACE TO FACE FOR FLANGE END :- ASME B16.10
3 TESTING STANDARD:
API 598
4 PRESSURE & TEMP. RATING STANDARD:
ASME B16.34
5 STRUCTURE FEATURES
BOLTED BONNET/ BOLTED COVER/ WELDED BONNET/ WELDED COVER
6 MATERIALS CONFORM TO ANSI/ASTM
7 MAIN MATERIALS
"CARBON STEEL - A105, LF2"
"ALLOY STEEL - F5, F9, F11, F22, F91"
"STAINLESS STEEL - F304L, F316L"
"DUPLEX STEEL - F51, F53, F55"

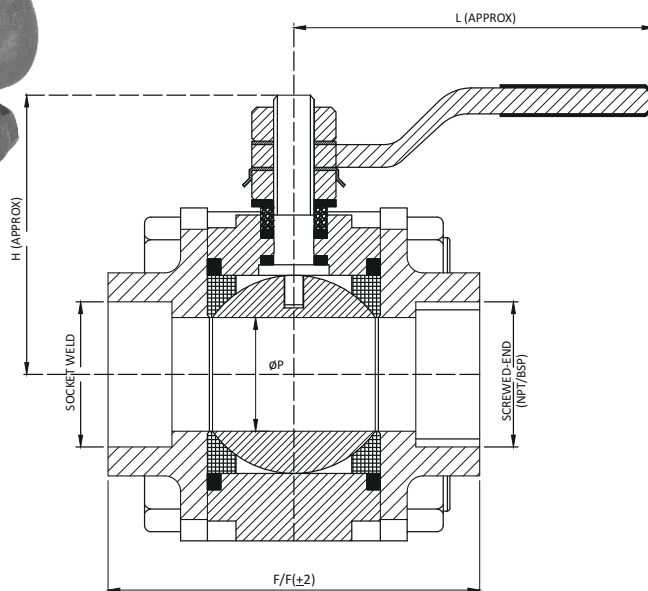
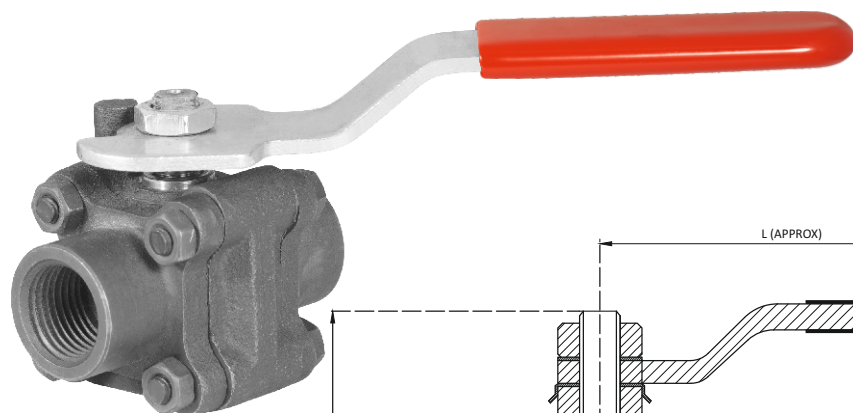
HYDRO TEST PRESSURE (kg/cm2)

TESTING	150#	300#	600#	800#	1500#	2500#
BODY	32	78	156	211	390	655
SEAT	22	56	115	153	290	485
BACK SEAT	22	56	115	153	290	485
PNEUMATIC SEAT - 7 kg/cm²						



BALL VALVE

IFV



CLASS-800#

Sizes	F/F	ØP	H-O	L	WT
15 mm	68	10.0	38	128	0.7kg
20 mm	73	14.0	40	128	1.0kg
25 mm	96	20.0	53	155	1.9kg
32 mm	103	25.0	56	165	2.5kg
40 mm	116	30.5	75	200	3.3kg
50 mm	128	37.3	80	200	4.7kg

BALL VALVE FLANGE END

CLASS-150#

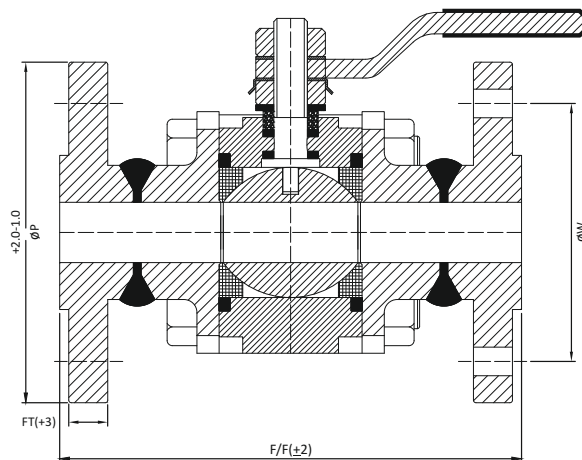
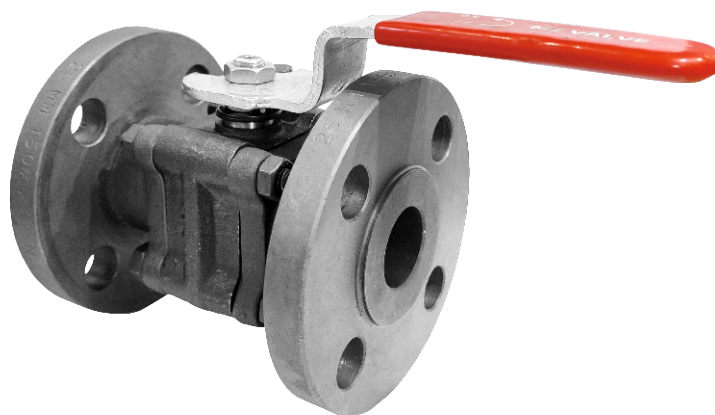
Sizes	F/F	ØF	FT	ØW	WT
15 mm	108	90	9.6	60.3	1.7kg
20 mm	117	100	11.2	69.9	2.6kg
25 mm	127	110	12.7	79.4	3.9kg
32 mm	140	115	14.3	88.9	4.9kg
40 mm	165	125	15.9	98.4	6.5kg
50 mm	178	150	17.5	120.7	9.9kg

CLASS-300#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	140	95	12.7	66.7	2.5kg
20 mm	152	115	14.3	82.6	3.8kg
25 mm	165	125	15.9	88.9	5.7kg
32 mm	178	135	17.5	98.4	6.9kg
40 mm	190	155	19.1	114.3	9.5kg
50 mm	216	165	20.7	127	12.5kg

CLASS-600#

Sizes	F/F	ØF	FT	ØW	WT
15 mm	165	95	14.3	66.7	2.7kg
20 mm	190	115	15.9	82.6	4.2kg
25 mm	216	125	17.5	88.9	6.1kg
32 mm	229	135	20.7	98.4	7.7kg
40 mm	241	155	22.3	114.3	10.5kg
50 mm	292	165	25.4	127	14.5kg



ADDITIONAL SPECIFICATIONS FOR

FORGED BALL VALVES



MATERIAL DETAILS

No.	DESCRIPTION	A105N	F304L	F316L	LF2
1	BODY & END 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

APPLICATION STANDARDS

1 DESIGN AND MANUFACTURE CONFORM TO

BS EN ISO 17292

2 CONNECTION ENDS CONFORM TO

- 1] SOCKET WEL STANDEARD:- ASME B16.11
- 2] SCREWED END STANDARD :- ASME B1.20.1.1
- 3] BUTT-WELD STANDARD :- ASME B16.25
- 4] FALNGE END STANDARD:- ASME B16.5
- 5] FACE TO FACE FOR GENERAL :- MANUFACTURER'S STANDARD
- 6] FACE TO FACE FOR FLANGE END :- ASME B16.10

3 TESTING STANDARD

BS EN 12266-1

4 PRESSURE & TEMP. RATING STANDARD

ASME B16.34

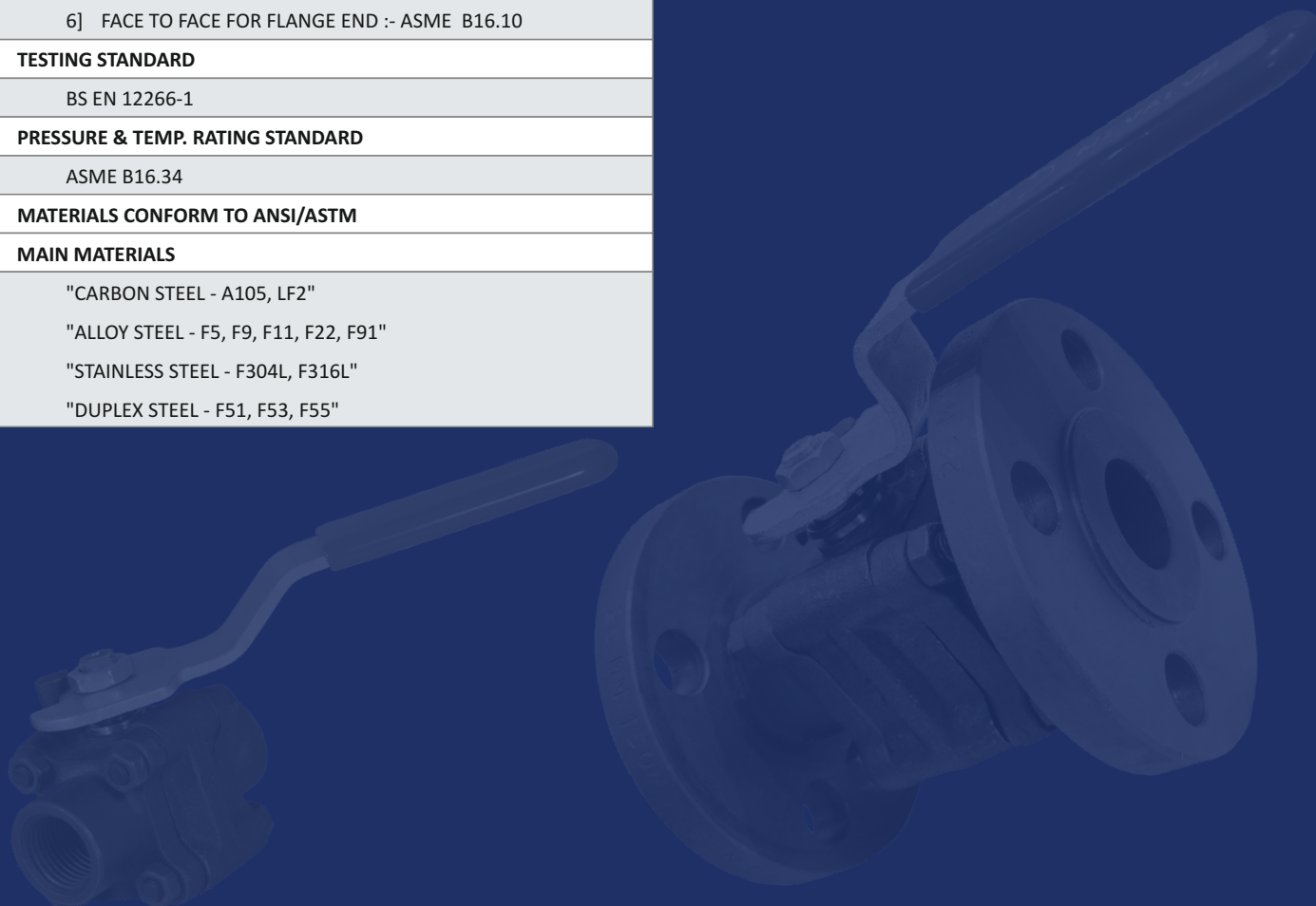
5 MATERIALS CONFORM TO ANSI/ASTM

6 MAIN MATERIALS

"CARBON STEEL - A105, LF2"
 "ALLOY STEEL - F5, F9, F11, F22, F91"
 "STAINLESS STEEL - F304L, F316L"
 "DUPLEX STEEL - F51, F53, F55"

HYDRO TEST PRESSURE (kg/cm2)

TESTING	150#	300#	600#	800#
BODY	32	78	156	211
SEAT	22	56	76	76
PNEUMATIC SEAT - 7 kg/cm²				





IFV

Control the Flow...
Precisely...







INTECHFLOW VALVE LLP

MFG. ALL TYPES OF INDUSTRIAL VALVES

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