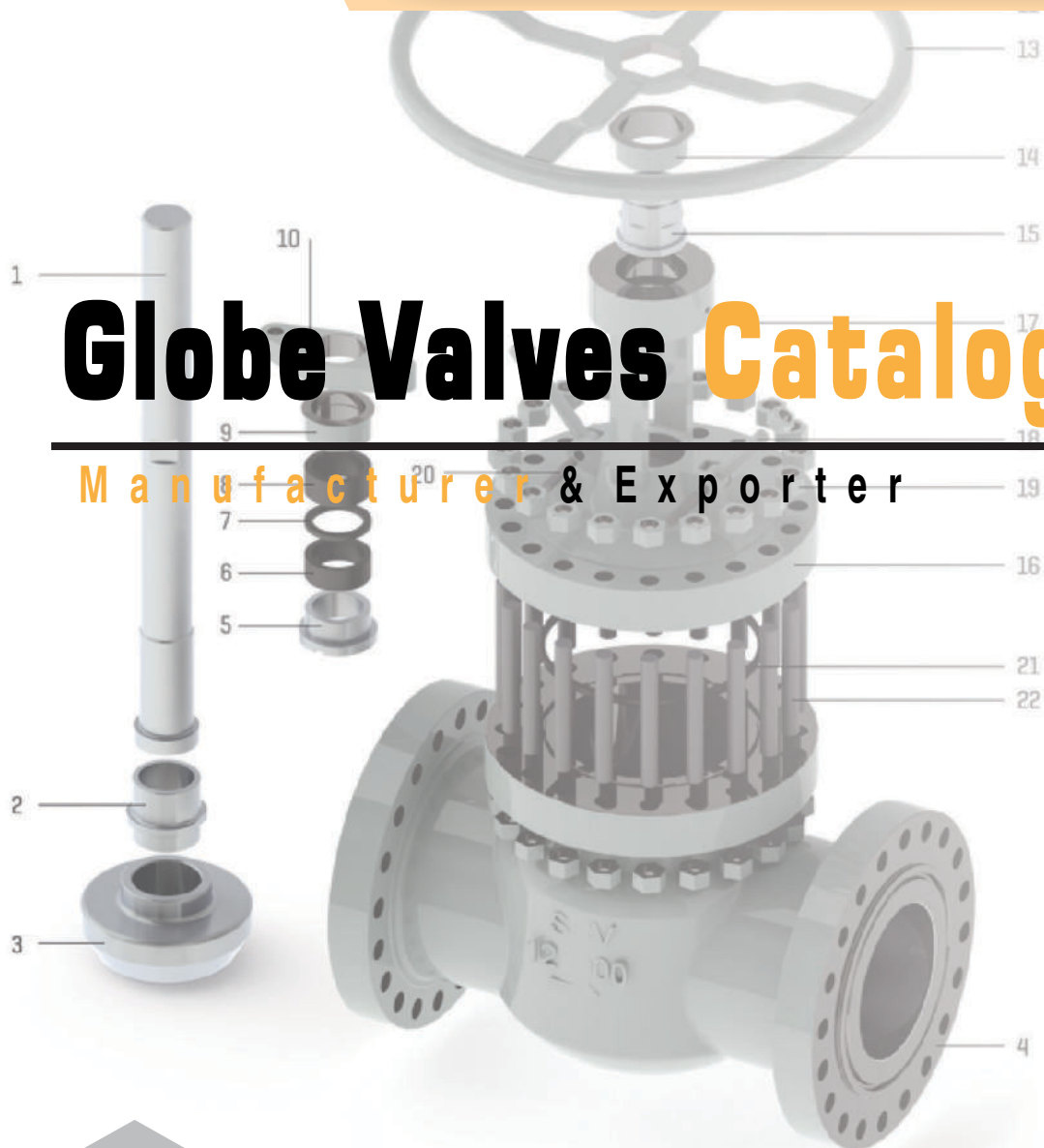




Globe Valves Catalogue

Manufacturer & Exporter

J.R. INDUSTRIES®
India's first choice in quality valves

- **ISO** (International Organization for Standardization)
- **IBR** (Indian Boiler Regulations)
- **IEC** (Import Export Code)



www.jrindustries.co.in

COMPANY PROFILE

We “J.R. Industries” are an ISO 9001:2015 certified company actively engaged in Manufacturing and Supplying a wide assortment of Industrial Valves like Gate Valves, Globe Valves, Check Valves, Ball Valves, Butterfly Valves.

We have gained huge success in this domain due to the guidance “Mr. Javed Z. Ansari” Founded in the year 1998, at Ahmedabad (Gujarat, India).

We have established a large and ultramodern infra-structural unit that assists our production team to manufacture a flawless range of valves.

This unit is properly segregated into plenty of sub-units that include admin R&D procurement, sales, quality control, production, transportation, logistic, warehousing, etc.

Due to this well structural and ultramodern infra-structural unit we have been able to meet the diverse needs of the clients in a scheduled time frame besides.

we have become the prime choice of our customers owing to our ethical business policies, easy mode of payment, positive records and client focused technology.

We offering all our products under the brand name 

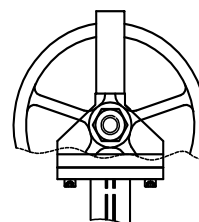
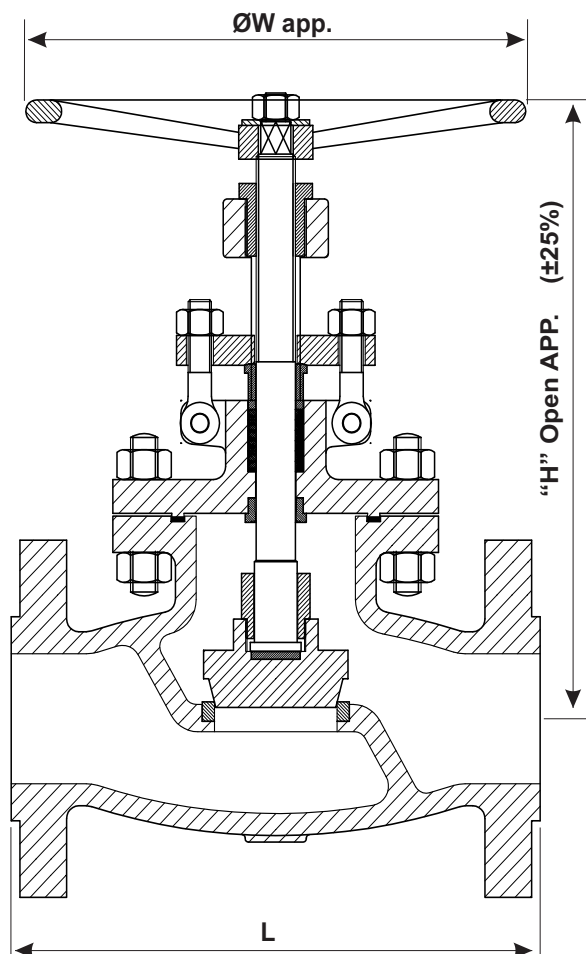
All our offered valves are manufactured with high precision in compliance with global quality standards using premium quality raw material and innovative technology.

Being a quality focused firm, we assure our clients that these valves are rigorously checked on different parameters, in addition to this, we provide these valves within predefined time frame and at most genuine rates.

MANAGING DIRECTOR
Mr. JAVED Z. ANSARI

 **J.R.
INDUSTRIES®**
India's first choice in quality valves

BS 1873



GEAR OPERATION

BILL OF MATERIALS

PARTS	MATERIALS		
BODY	A216 Gr. WCB	A217 Gr. WC6	CF8/CF8M
BONNET	A216 Gr. WCB	A217 Gr. WC6	CF8/CF8M
PLUG	WCB+13%Cr./ CA-15	CA-15+STL	CF8/CF8M 304/ 316
STEM/PLUG NUT	A276-410	A276-410	A276-304/316
SEATRING	AISI 410	AISI 410/STL	AISI 304/316
BACKSEAT BUSH	A276-410	A276-410	A276-304/316
GLAND BUSH	A276-410	A276-410	A276-304/316
GLAND FLANGE	IS:2062 Gr.B	IS:2062 Gr.B	CF8/ CF8M
YOKE BUSH	S.G. IRON	S.G. IRON	S.G. IRON
GLAND PACKING	GRAPHITE	GRAPHITE	GRAPHITE
GASKET	SPW316L	SPW316L	SPW316L
BODY STUD/NUT	B7 / 2H	B16 / 7	B8-M /8-M
EYE BOLT	CS	CS	SS
HAND WHEEL	S.G. IRON	S.G. IRON	S.G. IRON

Hydrostatics & (Pneumatic Test at 7 Kg/cm²)

Class	Shell	Seat
150#	32 Kg/cm ²	22 Kg/cm ²
300#	80 Kg/cm ²	58 Kg/cm ²

150 CLASS

SIZE	2	2.5	3	4	5	6	8	10	12
L	203	216	241	292	300	406	495	622	698
H	315	320	345	405	475	545	608	655	815
W	200	200	250	250	300	350	450	550	600

300 CLASS

SIZE	2	2.5	3	4	5	6	8	10	12
L	267	292	318	456	400	444	559	622	711
H	328	346	394	425	517	585	681	836	922
W	200	250	300	300	350	400	450	#	#

all dimensions are in mm.

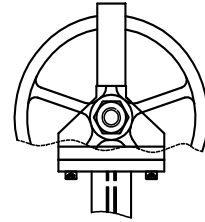
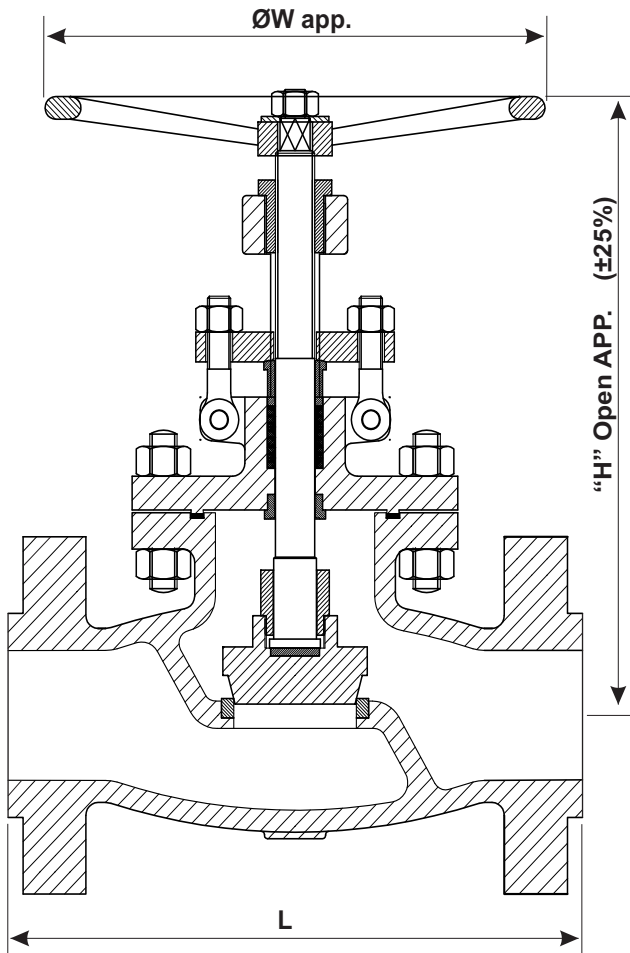
Gear Operated Optional as per Requirements.

Tolerances: NPS up to 10" ± 2.0mm up to 12" ± 3.0mm

- **Special Requirements:** Special Material Customer Specific design & Internal Parts Provide as per Requirement & on Request.

GLOBE VALVES

BS 1873



GEAR OPERATION

BILL OF MATERIALS

PARTS	MATERIALS		
BODY	A216 Gr. WCB	A217 Gr. WC6	CF8/CF8M
BONNET	A216 Gr. WCB	A217 Gr. WC6	CF8/CF8M
PLUG	WCB+13%Cr./ CA-15	CA-15+STL	CF8/CF8M 304/ 316
STEM/PLUG NUT	A276-410	A276-410	A276-304/316
SEATRING	AISI 410	AISI 410/STL	AISI 304/316
BACKSEAT BUSH	A276-410	A276-410	A276-304/316
GLAND BUSH	A276-410	A276-410	A276-304/316
GLAND FLANGE	IS:2062 Gr.B	IS:2062 Gr.B	CF8/ CF8M
YOKE BUSH	S.G. IRON	S.G. IRON	S.G. IRON
GLAND PACKING	GRAPHITE	GRAPHITE	GRAPHITE
GASKET	SPW316L	SPW316L	SPW316L
BODY STUD/NUT	B7 / 2H	B16 / 7	B8-M /8-M
EYE BOLT	CS	CS	SS
HAND WHEEL	S.G. IRON	S.G. IRON	S.G. IRON

Hydrostatics & (Pneumatic Test at 7 Kg/cm²)

Class	Shell	Seat
600#	155 Kg/cm ²	115 Kg/cm ²
900#	233 Kg/cm ²	170 Kg/cm ²

600 CLASS

SIZE	2	3	4	6	8	10	12
L	292	356	432	559	660	787	838
H	365	445	515	695	865	1050	1185
W	250	300	300	500	600	#	#

900 CLASS

SIZE	2	3	4	6	8	10
L	368	381	457	610	737	838
H	485	575	795	875	910	1100
W	300	400	450	500	600	#



all dimensions are in mm.

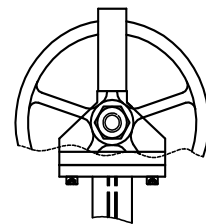
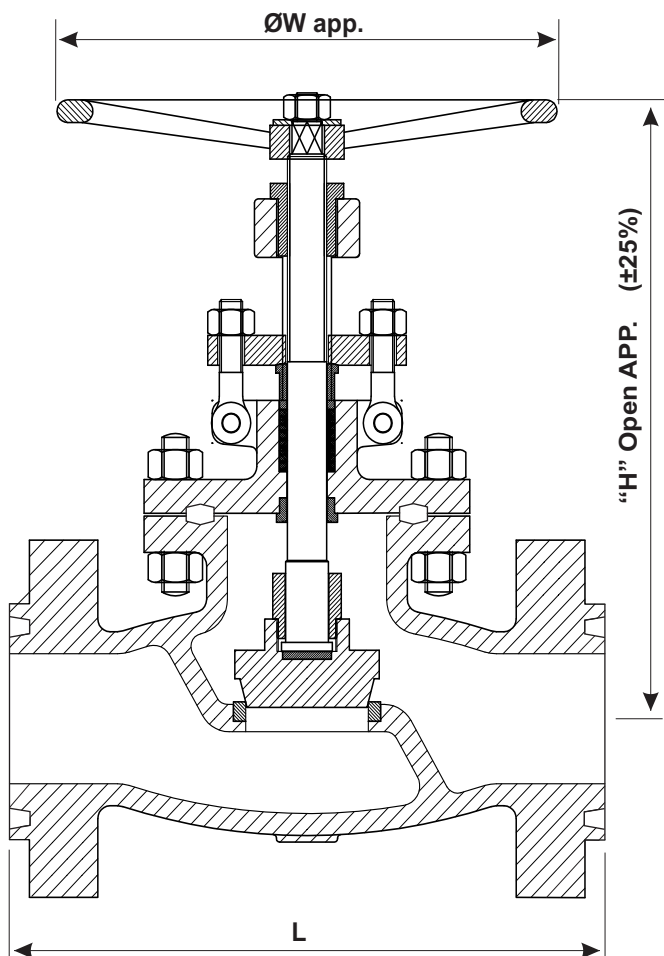
*Ring Type joints "RTJ" also available in 900# Globe valves as per requirements.

Gear Operated Optional as per Requirements.

Tolerances: NPS up to 10" ± 2.0 mm up to 12" ± 3.0 mm

• **Special Requirements:** Special Material Customer Specific design & Internal Parts Provide as per Requirement & on Request.

BS 1873



GEAR OPERATION

BILL OF MATERIALS

PARTS	MATERIALS		
BODY	A216 Gr. WCB	A217 Gr. WC6	CF8/CF8M
BONNET	A216 Gr. WCB	A217 Gr. WC6	CF8/CF8M
PLUG	WCB+13%Cr./ CA-15	CA-15+STL	CF8/CF8M 304/ 316
STEM/PLUG NUT	A276-410	A276-410	A276-304/316
SEATRING	AISI 410	AISI 410/STL	AISI 304/316
BACKSEAT BUSH	A276-410	A276-410	A276-304/316
GLAND BUSH	A276-410	A276-410	A276-304/316
GLAND FLANGE	IS:2062 Gr.B	IS:2062 Gr.B	CF8/ CF8M
YOKE BUSH	S.G. IRON	S.G. IRON	S.G. IRON
GLAND PACKING	GRAPHITE	GRAPHITE	GRAPHITE
GASKET "RTJ"	SOFT IRON	SOFT IRON	SOFT IRON
BODY STUD/NUT	B7 / 2H	B16 / 7	B8-M /8-M
EYE BOLT	CS	CS	SS
HAND WHEEL	S.G. IRON	S.G. IRON	S.G. IRON

Hydrostatics & (Pneumatic Test at 7 Kg/cm²)

Class	Shell	Seat
1500#	393 Kg/cm ²	286 Kg/cm ²
2500#	653 Kg/cm ²	478 Kg/cm ²

1500 CLASS

SIZE	2	3	4	6	8	10
L	368	470	546	705	832	991
H	515	695	820	995	1050	1165
W	350	450	500	550	600	#

2500 CLASS

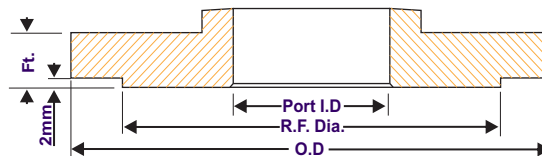
SIZE	2	3	4	6	8	10
L	451	578	673	914	1022	1270
H	605	735	885	1025	1165	1275
W	400	450	550	#	#	#

all dimensions are in mm.

Gear Operated Optional as per Requirements.

Tolerances: NPS up to 10" ± 2.0mm up to 12" ± 3.0mm

- **Special Requirements:** Special Material Customer Specific design & Internal Parts Provide as per Requirement & on Request.



	SIZE		NB	OD	Ft.	RF	PCD	Hole Dia.	N	Bolt Size
	Inch	mm								
150#	2	50	50	150	14.3	92.1	120.8	19.0	4	5/8"
	2.5	65	63	180	15.9	104.8	140.0	19.0	4	5/8"
	3	80	76	190	17.5	127.0	152.0	19.0	4	5/8"
	4	100	100	230	22.3	157.2	190.5	19.0	8	5/8"
	5	125	125	255	22.3	185.7	216.0	22.2	8	3/4"
	6	150	150	280	23.9	215.9	241.0	22.2	8	3/4"
	8	200	200	345	27.0	269.9	298.5	22.2	8	3/4"
	10	250	250	405	28.6	323.8	362.0	25.4	12	7/8"
	12	300	300	485	30.2	381.0	432.0	25.4	12	7/8"
	14	350	337	535	33.4	412.8	476.0	28.5	12	1"
	16	400	387	595	35.0	469.9	540.0	28.5	16	1"
	18	450	438	635	38.1	533.4	578.0	31.7	16	1.1/8"
	20	500	489	700	41.3	584.2	635.0	31.7	20	1.1/8"
	24	600	591	815	46.1	692.2	749.0	34.9	20	1.1/4"

	SIZE		NB	OD	Ft.	RF	PCD	Hole Dia.	N	Bolt Size
	Inch	mm								
300#	2	50	50	165	20.7	92.1	127.0	19.0	8	5/8"
	2.5	65	63	190	23.9	104.8	149.2	22.2	8	3/4"
	3	80	76	210	27.0	127.0	168.3	22.2	8	3/4"
	4	100	100	255	30.2	157.2	200.0	22.2	8	3/4"
	5	125	125	280	33.4	185.7	235.0	22.2	8	3/4"
	6	150	150	320	35.0	215.9	269.9	22.2	12	3/4"
	8	200	200	380	39.7	269.9	330.2	25.4	12	7/8"
	10	250	250	445	46.1	323.8	387.4	28.5	16	1"
	12	300	300	520	49.3	381.0	450.8	31.7	16	1.1/8"
	14	350	337	585	52.4	412.8	514.4	31.7	20	1.1/8"
	16	400	387	650	55.6	469.9	571.5	34.9	20	1.1/4"
	18	450	438	710	58.8	533.4	628.6	34.9	24	1.1/4"
	20	500	489	775	62.0	584.2	685.8	34.9	24	1.1/4"
	24	600	591	915	68.3	692.2	812.8	41.2	24	1.1/2"

	SIZE		NB	OD	Ft.	RF	PCD	Hole Dia.	N	Bolt Size
	Inch	mm								
600#	2	50	50	165	25.4	92.1	127.0	19.0	8	5/8"
	2.5	65	63	190	28.6	104.8	149.2	22.2	8	3/4"
	3	80	76	210	31.8	127.0	168.3	22.2	8	3/4"
	4	100	100	275	38.1	157.2	215.9	25.4	8	7/8"
	5	125	125	330	44.5	185.7	266.7	28.5	8	1"
	6	150	150	355	47.7	215.9	292.1	28.5	12	1"
	8	200	200	420	55.6	269.9	349.2	31.7	12	1.1/8"
	10	250	250	510	63.5	323.8	431.8	34.9	16	1.1/4"
	12	300	300	560	66.7	381.0	489.0	34.9	20	1.1/4"
	14	350	337	605	69.9	412.8	527.0	38.1	20	1.1/8"
	16	400	387	685	76.2	469.9	603.2	41.2	20	1.1/2"
	18	450	438	745	82.6	533.4	654.0	44.5	20	1.5/8"
	20	500	489	815	88.9	584.2	723.9	44.5	24	1.5/8"
	24	600	591	940	102	692.2	838.2	50.8	24	1.1/2"

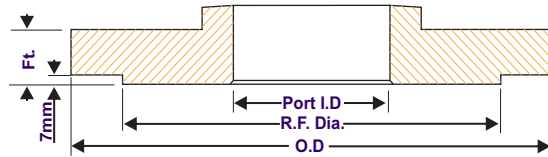
* All Dimensions are in mm

TOLERANCES:

F/T = +3mm, -0.0mm UP TO 18" & +5mm, -0.0mm FOR 20" & LARGER

F/D = ±1.5mm, PCD = ±1.5mm, R/F = ±0.5mm

FLANGE DIMENSIONS



900#	SIZE		NB	OD	Ft.	RF	PCD	Hole Dia.	N	Bolt Size
	Inch	mm								
	2	50	47.5	215	38.1	92.1	165.1	25.4	8	7/8"
	2.5	65	57.2	245	41.3	104.8	190.5	28.5	8	1"
	3	80	72.9	240	38.1	127.0	190.5	25.4	8	7/8"
	4	100	98.3	290	44.5	157.2	235.0	31.7	8	1.1/8"
	5	125	120.7	350	50.8	185.7	279.4	34.9	8	1.1/4"
	6	150	146.1	380	55.6	215.9	317.5	31.7	12	1.1/8"
	8	200	190.5	470	63.5	269.9	393.7	38.1	12	1.3/8"
	10	250	238.0	545	69.9	323.8	469.9	38.1	16	1.3/8"
	12	300	282.4	610	79.4	381.0	533.4	38.1	20	1.3/8"
	14	350	311.2	640	85.8	412.8	558.8	41.2	20	1.1/2"
	16	400	355.6	705	88.9	469.9	616.0	44.4	20	1.5/8"
	18	450	400.0	785	101.6	533.4	685.8	50.8	20	1.7/8"
	20	500	444.0	855	108.0	584.2	749.3	53.9	20	2"
	24	600	533.4	1040	139.7	692.2	901.7	66.6	20	2.1/2"

1500#	SIZE		NB	OD	Ft.	RF	PCD	Hole Dia.	N	Bolt Size
	Inch	mm								
	2	47.5	50	215	38.1	92.1	165.1	25.4	8	7/8"
	2.5	57.2	63	245	41.3	104.8	190.5	28.5	8	1"
	3	70	76	265	47.7	127.0	203.2	32.0	8	1.1/8"
	4	92	100	310	54.0	157.2	241.3	35.0	8	1.1/4"
	5	111	125	375	73.1	185.7	292.1	41.2	8	1.1/2"
	6	136.4	150	395	82.6	215.9	317.5	38.0	12	1.3/8"
	8	177.8	200	485	92.1	269.9	393.7	44.4	12	1.5/8"
	10	222.3	250	585	108.0	323.8	482.6	50.8	12	1.7/8"
	12	263.4	300	675	123.9	381.0	571.5	54.0	16	2"
	14	288.8	337	750	133.4	412.8	635.0	60.0	16	2.1/4"
	16	330.2	387	825	146.1	469.9	704.8	66.0	16	2.1/2"
	18	371.3	438	915	162.0	533.4	774.7	73.0	16	2.3/4"
	20	415.8	489	985	177.8	584.2	831.8	79.3	16	3"
	24	498.3	591	1170	203.2	692.2	990.6	92.0	16	3.1/2"

2500#	SIZE		NB	OD	Ft.	RF	PCD	Hole Dia.	N	Bolt Size
	Inch	mm								
	2	50	38.1	235	50.9	92.1	171.4	28.5	8	1"
	2.5	65	47.5	265	57.2	104.8	196.8	31.7	8	1.1/8"
	3	80	57.2	305	66.7	127.0	228.6	34.9	8	1.1/4"
	4	100	72.9	355	76.2	157.2	273.0	41.2	8	1.1/2"
	5	125	91.9	420	92.1	185.7	323.8	47.6	8	1.3/4"
	6	150	111	485	108.0	215.9	368.3	53.9	8	2"
	8	200	146.1	550	127.0	269.9	438.2	53.9	12	2"
	10	250	184.2	675	165.1	323.8	539.8	66.6	12	2.1/2"
	12	300	218.9	760	184.2	381.0	619.1	73.0	12	2.3/4"

* All Dimensions are in mm

TOLERANCES:

F/T = +3mm, -0.0mm UP TO 18" & +5mm, -0.0mm FOR 20" & LARGER

F/D = ±1.5mm, PCD = ±1.5mm, R/F = ±0.5mm





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India's first choice in quality valves



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