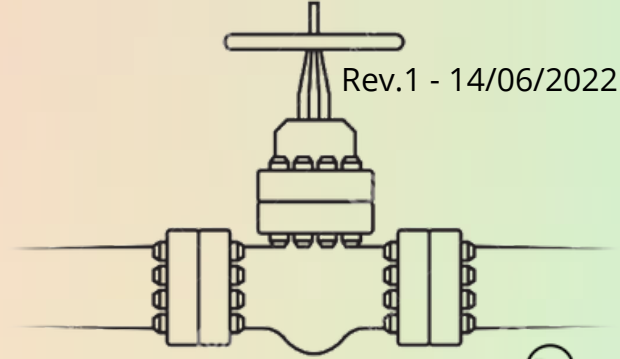


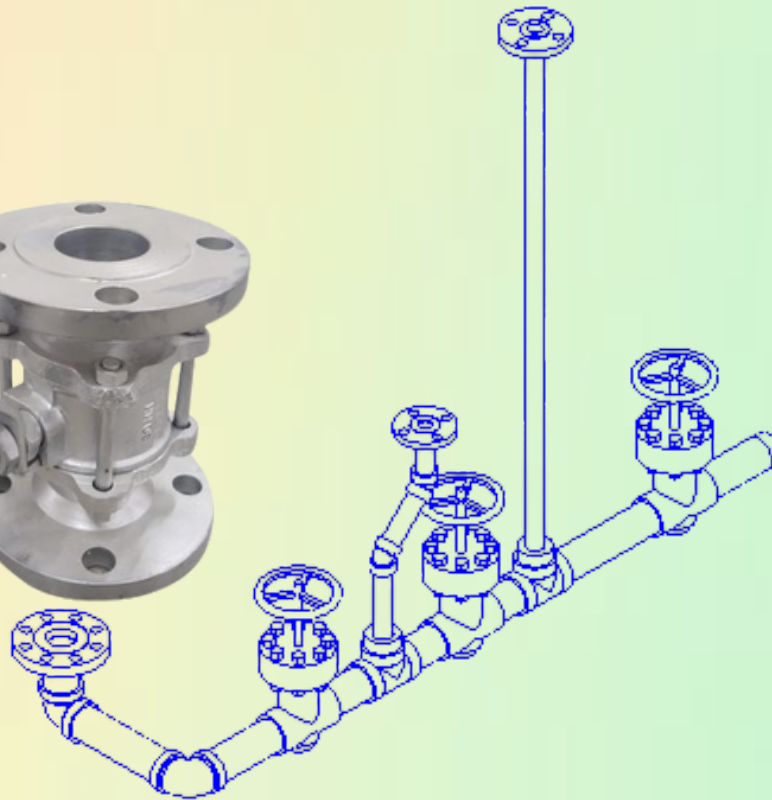
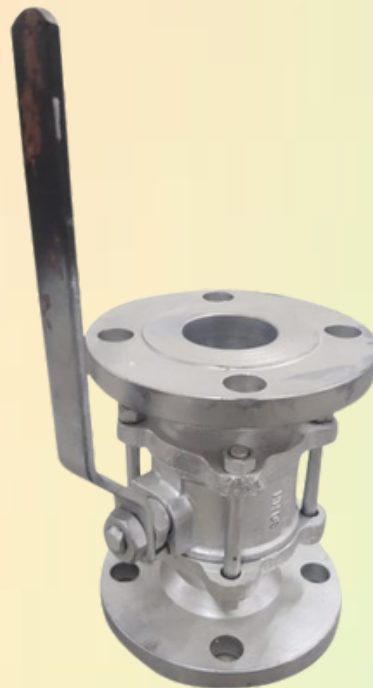


Rev.1 - 14/06/2022



GLOVAL<sup>TM</sup>

# Manufacturers of Industrial Valves



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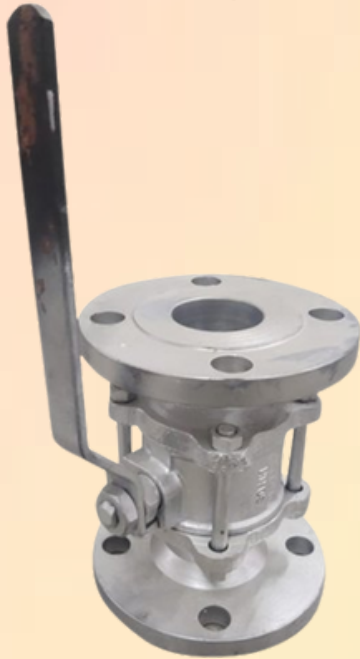
## **About us:**

We are manufacturers of Industrial Valves with a state-of-the-art manufacturing / industrial unit at Rakhial. We are a team of competent professionals having varied credentials.

We strive be exceptional on technical fronts and in providing prompt and efficient after sales service. We show an equal inclination in adopting the upcoming development in technology to remain on the front line and provide an unparalleled reciprocation to our customers.

## CLASS 150 / 300

No.	Parts Name	Material
1	Connector	CS (ASTM A216 Gr. WCB)
		SS (AISI 304)
		SS (AISI 316)
		CI (IS 201 Gr. 220)
2	Body	CS (ASTM A216 Gr. WCB)
		SS (AISA 304)
		SS (AISI 316)
		CI (IS 201 Gr. 220)
3	Stud / Nut	MS ASTM A 193 Gr.B7
		MS ASTM 194 Gr.2H
4	Ball	SS 202 / 304 / 316 / (4% Nickel if required)
5	Seat	Teflon PTFE
6	Stem	SS 202 / SS 304 / SS 316
7	Lock Nut	MS
8	Lever	MS



Available Size	
Size in mm	Size in inch
15mm	1/2"
20mm	3/4"
25mm	1"
32mm	1-1/4"
40mm	1-1/2"
50mm	2"
65mm	2-1/2"
80mm	3"
100mm	4"
125mm	5"
150mm	6"

### Test Rating

Class	Working Pressure	Body	Hyd. Test Pressure	
			Seat	Temp
150	150 PSI	425 PSI	300° PSI	500° F

# GLOVAL<sup>TM</sup> Globe Valve

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**CLASS 150 / 300**

No.	Parts Name	Qty.	Material
1	Body	1	ASTM A 216 Gr.WCB
			ASTM A 351 CF8/CF8M/CN7M
2	Seat	1	AISI - 410
3	Valve	1	AISI - 410
4	Back Seat	1	AISI - 410
5	Gland packing		Graphited
6	Spindle	1	AISI - 410
7	Gland packing	1	S.G.Iron
8	Bonnet	1	IS 216 Gr.220
			ASTM A 216 Gr.WCB
			ASTM A 351 CF8/CF8M/CN7M
9	Yoke Bush	1	S.G.Iron
10	Hand Wheel	1	S.G.Iron
11	Stud / Nut	Req. 2/2	ASTM A 193 Gr.B7
			ASTM A 194 Gr.2H / M.S.

Technical Data	
Manufacturing Std. :	BS 1873
Testing & Inspection Std. :	API 598 / BS 5146
Face to Face :	As per ANSI B 16.10
End Connections :	Flanged as per ANSI 16.5 RF / BS 1560



Available Size	
Size in mm	Size in inch
15mm	1/2"
20mm	3/4"
25mm	1"
32mm	1-1/4"
40mm	1-1/2"
50mm	2"
65mm	2-1/2"
80mm	3"
100mm	4"
125mm	5"
150mm	6"
200mm	8"
250mm	10"
300mm	12"

Service Rating & Test Pressure				
Class	Working Pressure	Temp	Hyd. Test Pressure	
			Body	Seat
150	150 PSIG	500° F	425 PSIG	300 PSIG
300	300 PSIG	850° F	1100 PSIG	800 PSIG



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## DIN STD. ND.16 / ND-40

No.	Parts Name	Qty	Materials	Technical Data	
				Manufacturing Std.	BS 1873
1	Body	1	ASTM A 216 Gr.WCB	Testing & Inspection Std.	API 598 / BS 5146
			ASTM A 351 CF8/CF8M/CN7M	Face to Face	As per DIN ND - 16 / ND - 40
2	Seat	1	AISI - 410	End Connections	Flanged as per DIN 2533 / 2543 / 2535 / 2545
3	Valve	1	AISI - 410		
4	Back Seat	1	AISI - 410		
5	Gland Packing		Graphited		
6	Spindle	1	AISI - 410		
8	Bonnet	1	S.G. Iron		
			ASTM A 216 Gr. WCB		
			ASTM A 351 CF8/CF8M/CN7M		
9	Yoke Bush	1	S.G. Iron		
10	Hand Wheel	1	S.G. Iron		
11	Stud / Nut	Req. 2/2	ASTM A 193 Gr.B7		
			SASTM A 194 Gr.2H / M.S.		

### Available Size

Size in mm	Size in inch
15mm	1/2"
20mm	3/4"
25mm	1"
32mm	1-1/4"
40mm	1-1/2"
50mm	2"
65mm	2-1/2"
80mm	3"
100mm	4"
125mm	5"
150mm	6"
200mm	8"



### Primary Service Rating & Temperature

ND 16	16 KG / cm <sup>2</sup>	120°C
ND 40	40 KG / cm <sup>2</sup>	400°C
Hydraulic Test Pressure		
	Body	Seat
ND 16	16 KG / cm <sup>2</sup>	120°C
ND 40	40 KG / cm <sup>2</sup>	400°C

## CLASS 150 / 300

No.	Parts Name	Qty.	Material
1	Body	1	C.S. ASTM A216 Gr.WCB
2	Seat Ring	2	S.S. 13% Cr.
3	Wedge	1	IC S.S 410
4	Spindle	1	S.S.AISI 410
5	Bonnet	1	C.S. ASTM A216 Gr.WCB
6	Gasket	1	Spiral wound metallic gasket / Champion Style 59
7	Bonnet Stud & Nut	Req	ASTM A 193 Gr. B7 ASTM A 193 Gr.2H / M.H.
8	Bonnet Bush	1	S.G. Iron
9	Gland Packing	6 Min	Graphited
10	Gland	1	S.G. Iron
11	Yoke Bush	1	G.M. / S.G. Iron
12	Cros Bolt & Nut	2/2	Carbon Steel / M.S.
13	Eye Bolt & Nut	2/2	Carbon Steel / M.S.
14	Grub Scew	1	Carbon Steel / M.S.
15	Hand Wheel	1	S.G. Iron
16	Wheel Nut	1	S.G. Iron
17	Name Plate	1	Aluminium

Technical Data	
Manufacturing Std. :	API 600, BS 1414
Testing & Inspection Std. :	API 598
Face to Face :	As per ANSI B 16.10
End Connections :	Flanged as per ANSI 16.5 RF

Available Size	
Size in mm	Size in inch
15mm	1/2"
20mm	3/4"
25mm	1"
32mm	1-1/4"
40mm	1-1/2"
50mm	2"
65mm	2-1/2"
80mm	3"
100mm	4"
125mm	5"
150mm	6"
200mm	8"
250mm	10"



Service Rating & Test Pressure				
Class	Working Pressure	Temp	Hyd. Test Pressure	
			Body	Seat
150	150 PSIG	500° F	425 PSIG	300 PSIG
300	300 PSIG	850° F	1100 PSIG	800 PSIG

# GLOVAL<sup>TM</sup> Swing Check Valve

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**CLASS 150 / 300 / 600**

No.	Parts Name	Qty.	Material
1	Lever Arm	1	ASTM A 216 Gr.WCB
			ASTM A 351 CF8/CF8M/CN7M
2	Arm Nut	1	C.S. / S.S. 304 / S.S. 316
3	Disc.	1	C.S. With 13% Cr.
			S.S. 304 / S.S. 316
4	Seat Ring	1	S.S. 13% Cr.
			Integral Seat for Alloy Steel Valve
5	Arm Pin	1	AISI 410, 301, 316 A-20
6	Bracket	1	AITM A216 Gr.WCB
			ASTM A351 Gr.CF8/CF8M/CN7M
7	Body	1	AITM A216 Gr.WCB
			ASTM A351 Gr.CF8/CF8M/CN7M
8	Body Seat	1	Compressed Asbestos Fibre
9	Stud / Nut	As Req.	ASTM 193 Gr.B7
			ASTM 194 Gr.2H
10	Cover Plate	1	ASTM A216 Gr WCB
			ASTM A351 Gr.CF8/CF8M/CN7M
11	Bracket / Stud / Nut	22	Carbon Steel / S.S. 304 / S.S. 316

Technical Data	
Manufacturing Std. :	BS 1873
Testing & Inspection Std. :	API 598 / BS 5146
Face to Face :	As per ANSI B 16.10
End Connections :	Flanged as per ANSI 16.5 RF / BS 1560

Available Size	
Size in mm	Size in inch
25mm	1"
32mm	1-1/4"
40mm	1-1/2"
50mm	2"
65mm	2-1/2"
80mm	3"
100mm	4"
125mm	5"
150mm	6"
200mm	8"
250mm	10"
300mm	12"

Hydroststic Test Pressure		
Class	Body	Seat
150	450 PSIG	300 PSIG
300	1100 PSIG	750 PSIG
600	2175 PSIG	1500 PSIG

Service Rating		
Class	Pressure	Temp
150	150 PSIG	500 F
300	300 PSIG	850 F
600	600 PSIG	850 f

Size in MM	25	40	50	65	80	100	125	150	200	250	300
ASA-150 Cl. A	127	165	203	216	241	292	330	356	495	622	698
ASA-300 Cl. A	203	229	267	292	317	356	400	445	559	622	711
ASA-600 Cl.A	216	241	292	330	356	432	508	559	660	787	838



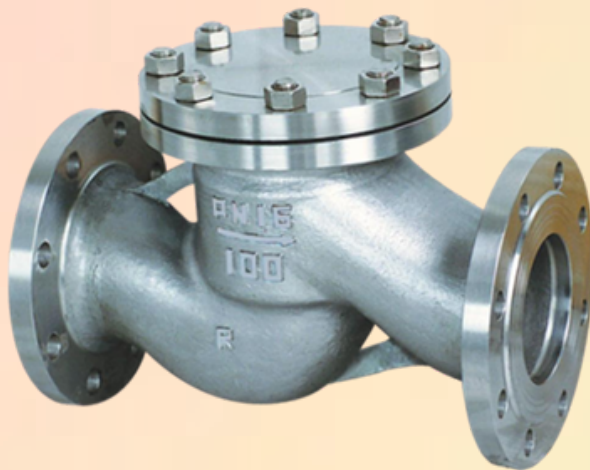
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No.	Parts Name	Qty	Materials
1	Body	1	IS 210 Gr.220
			ASTM A 216 Gr. WCB
			ASTM A 351 Gr. CH8/CF8M/CN7M
2	Seat	1	C.S 13% Crom./304/316/A20
3	Valve Disc.	1	S.S 13% Crom./304/316/A20
4	Cover	1	IS 210 Gr.220
			ASTM A 216 Gr. WCB
			ASTM A 351 Gr. CH8/CF8M/CN7M
5	Stud / Nut	Reg.	ASTM A 193 Gr. B7
			ASTM A 194 Gr.2H / M.S.

Technical Data	
Manufacturing Std. :	BS 1868
Testing & Inspection Std. :	API 598 / BS 5146
Face to Face :	As per DIN ND - 16 /ND - 40
End Connections :	Flanged as per IN 2533 / 2543 / 2545 / BS 1560



Available Size	
Size in mm	Size in inch
15mm	1/2"
20mm	3/4"
25mm	1"
32mm	1-1/4"
40mm	1-1/2"
50mm	2"
65mm	2-1/2"
80mm	3"
100mm	4"
125mm	5"
150mm	6"

### Primary Service Rating & Temperature

ND 16	32 KG / cm <sup>2</sup>	220° C
ND 40	40 Kg / cm <sup>2</sup>	400° C

### Hydraulic Test Pressure

STD	Body	Seat	Air
ND 16	32 Kg / cm <sup>2</sup>	16 Kg / cm <sup>2</sup>	7 Kg / cm <sup>2</sup>
ND 40	80 Kg / cm <sup>2</sup>	40 Kg / cm <sup>2</sup>	7 Kg / cm <sup>2</sup>



## Y-Type Strainer

No.	Parts Name	Qty.	Materials
1	Body	1	ASTM A 216 Gr.WCB
			ASTM A 351 Gr.CF8
			ASTM A 351 Gr. CF8M
			GM(85/5/5/5)
			IS 210 Gr.220
2	Stud Nut	4/8/12	ASTM A 193 Gr.B7
			ASTM A 193 Gr.2H
			S.S. 304
3	Screen	1	S.S. 304
			S.S. 304
			GM
			GM
4	Cover	1	ASTM A 216 Gr.WCB
			ASTM A 351 Gr.CF8
			ASTM A 351 Gr. CF8M
			IS 210 Gr.220
			Alloy 20

Technical Data	
Face to Face :	As per DIN ND – 40 Type
End Connections :	Flanged as per DIN 2533 / 2543 / 2535 / 2545 Screwed BSP Socket / Weld to ANSI B 16.34



Service Rating	
40 Kg / cm <sup>2</sup>	400° C

Available Size	
Size in mm	Size in inch
15mm	1/2"
20mm	3/4"
25mm	1"
32mm	1-1/4"
40mm	1-1/2"
50mm	2"
65mm	2-1/2"
80mm	3"
100mm	4"
125mm	5"
150mm	6"

Hydraulic Test Pressure	
Body	80 Kg / cm <sup>2</sup>

- 2 Piece Ball Valve Flanged End
- Screwed End Ball Valves 3Pcs / Single Pcs
- Forged Steel Ball Valves
- T – Type Strainer
- Glass Tube
- Stream Trap
- Class 800 Globe Valve Forged Steel
- Class 800 Gate Valve Forged Steel
- Straight Pattern Spring Loaded Safety Valve
- Butterfly Valve

**Contact Us for more  
Information**