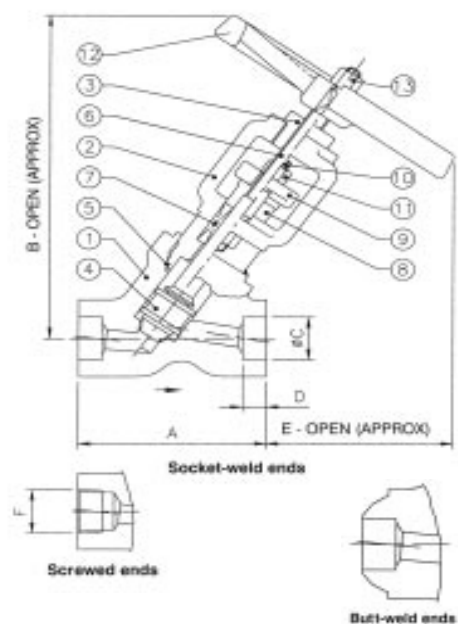


Y-pattern Globe Valves

Material Specification

Sl. No.	Part Description	Specification	
1 & 2	Body & Bonnet	Carbon Steel	Alloy Steel
		ASTM A105, in-situ stellite seat	ASTM A182 Gr.F22, in-situ stellite seat
3	Yoke Bush	ASTM A439 Type D2	
4	Disc	Type 410 SS, in-situ stellite seat	
5	Stem	Type 410 SS	
6	Stem packing	Graphite with braided end rings	
7	Handwheel	SG Iron	
8	Gland	Type 410 SS	
9	Gland Flange	BS 970 : 709M40 COND R	
10	Handwheel Nut	Steel	
11	Gland Stud	ASTM A193 Gr. B7	
12	Gland Stud Nut	ASTM A194 Gr. 2H	
13	Gasket	Graphite	



Dimensional details (in mm, unless specified)

Valve Size	Class 1500							Class 2500						
	A	B	C	D	E	F	App.Wt. (kg)	A	B	C	D	E	F	App.Wt. (kg)
15	97.5	220	21.72 22.23	9.7	128	1/2"-14NPT	6	115	245	21.72 22.23	9.7	135	1/2"-14NPT	7
20	115	245	27.05 27.56	12.7	135	3/4"-14NPT	7	115	245	27.05 27.56	12.7	135	3/4"-14NPT	7
25	138	295	33.78 34.29	12.7	165	1"-11.1/2NPT	10	138	295	33.78 34.29	12.7	165	1"-11.1/2NPT	10
40	185	392	48.64 49.15	12.7	238	1 1/2"-11.1/2NPT	19	202	415	48.64 49.15	12.7	255	1 1/2"-11.1/2NPT	25
50	185	392	61.11 61.62	16.0	238	2"-11.1/2NPT	19	202	415	61.11 61.62	16.0	255	2"-11.1/2NPT	25

Note : 40mm valves can be offered with butt-weld and socket-weld ends to suit 32mm pipe. 50mm valves can be offered with butt-weld ends to suit 65mm pipe. Class 900 valves available on request.

Y-pattern Check Valves

Material Specification

Sl. No.	Part Description	Specification	
1	Body & Bonnet	Carbon Steel	Alloy Steel
		ASTM A105, in-situ stellite seat	ASTM A182 Gr.F22, in-situ stellite seat
2	Cap	ASTM A105 or IS 1875 Cl. 2	ASTM A182 Gr. F22
3	Disc	Type 410 SS, in-situ stellite seat	
4	Spring	Nimonic 90 / Inconel X 750	
5	Gasket	Graphite	



Dimensional details (in mm, unless specified)

Valve Size	Class 1500						Class 2500					
	A	B	C	D	E	App.Wt. (kg)	A	B	C	D	E	App.Wt. (kg)
15	97.5	71	21.72 22.23	9.7	1/2"-14NPT	2	115	85	21.72 22.23	9.7	1/2"-14NPT	2.5
20	115	85	27.05 27.56	12.7	3/4"-14NPT	2.5	115	85	27.05 27.56	12.7	3/4"-14NPT	2.5
25	138	95	33.78 34.29	12.7	1"-11.1/2NPT	5	138	95	33.78 34.29	12.7	1"-11.1/2NPT	5
40	185	120	48.64 49.15	12.7	1 1/2"-11.1/2NPT	9	202	135	48.64 49.15	12.7	1 1/2"-11.1/2NPT	9
50	185	120	61.11 61.62	16.0	2"-11.1/2NPT	9	202	135	61.11 61.62	16.0	2"-11.1/2NPT	9

End dimensions of 50mm valves can be machined to suit 65mm pipe. For details, refer to MMKE. Class 900 valves available on request. For dimensions, refer to MMKE.