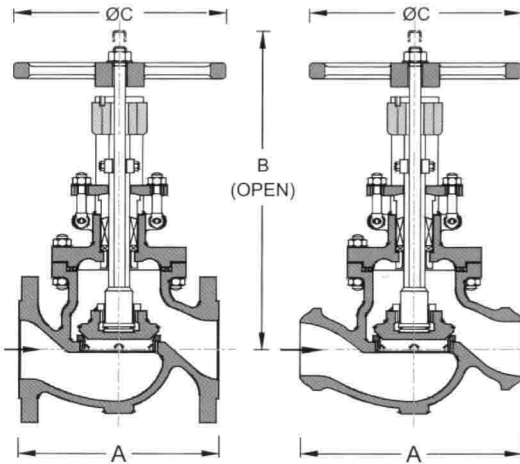


GLOBE VALVES

CLASS - 150 - 300 - 600



Features :

Heavy duty, OS & Y type, bolted bonnet, rising or non rising hand wheel, renewable Seating for Carbon Steel & integral seating for stainless steel Valves with most advanced design Features provide the ultimate in dependable, economic flow control

DESIGN STD : BS 1873 TESTING STD : EN 12266-1

Test Pressure in bar (psi)			
Class	150	300	600
Hyd. Shell	30 (435)	77 (1117)	155 (2248)
Seat / Back Seat	22 (319)	57 (827)	113 (1639)
Air Seat	6.9 (100)		

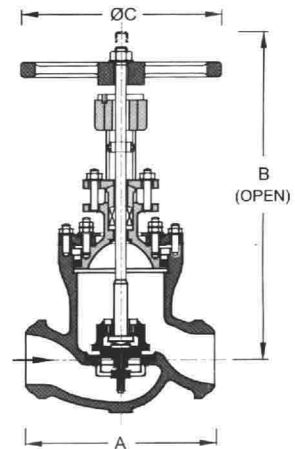
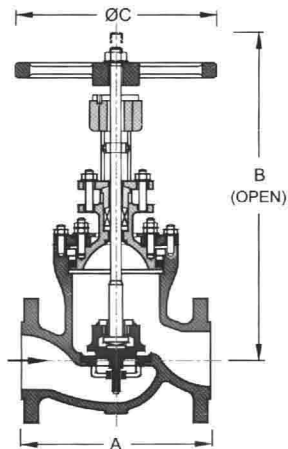
Dimensions are in mm (inch)												
SIZE	Class - 150				Class - 300				Class - 600			
mm (inch)	A	B	ØC	Wt (1)	A	B	ØC	Wt (1)	A	B	ØC	Wt (1)
15 (1/2)	108 (4.3)	205 (8.1)	100 (3.9)	4.1 (9)	152 (6.0)	205 (8.1)	100 (3.9)	45 (10)	-	-	-	-
20 (3/4)	117 (4.6)	210 (8.3)	100 (3.9)	4.6 (10)	178 (7.0)	210 (8.3)	100 (3.9)	6.2 (13)	-	-	-	-
25 (1)	127 (5.0)	230 (9.1)	150 (5.9)	6.1 (13)	203 (8.0)	230 (9.1)	150 (5.9)	7.2 (16)	-	-	-	-
40 (1.1/2)	165 (6.5)	260 (10.2)	200 (7.9)	9.2 (20)	229 (9.0)	260 (10.2)	200 (7.9)	13 (29)	-	-	-	-
50 (2)	203 (8.0)	295 (11.6)	200 (7.9)	14.5 (32.0)	267 (10.5)	295 (11.6)	200 (7.9)	17.2 (38)	292 (11.5)	330 (13.0)	250 (9.8)	40 (88)
65 (2.1/2)	216 (8.5)	290 (11.4)	200 (7.9)	30 (66)	292 (11.5)	351 (13.8)	250 (9.8)	35 (77)	330 (13.0)	347 (13.7)	300 (11.8)	55 (121)
80 (3)	241 (9.5)	345 (13.6)	250 (9.8)	36 (79)	318 (12.5)	360 (14.2)	300 (11.8)	46 (101)	356 (14.0)	408 (16.1)	450 (17.7)	70 (154)
100 (4)	292 (11.5)	349 (13.7)	300 (11.8)	52 (115)	356 (14.0)	413 (16.3)	450 (17.7)	73 (161)	432 (17.0)	480 (18.9)	600 (23.6)	121 (267)
125 (5)	356 (14.0)	410 (16.1)	300 (11.8)	77 (170)	400 (15.7)	471 (18.5)	450 (17.7)	110 (243)	508 (20.0)	595 (23.4)	★	270 (595)
150 (6)	406 (16.0)	450 (17.7)	450 (17.7)	92 (203)	444 (17.5)	567 (22.3)	600 (23.6)	166 (366)	559 (22.0)	1030 (40.6)	★	350 (772)
200 (8)	495 (19.5)	535 (21.1)	★	163 (359)	559 (22.0)	800 (31.5)	★	205 (452)	660 (26.0)	1150 (45.3)	★	625 (1378)
250 (10)	622 (24.5)	815 (32.1)	★	242 (534)	622 (24.5)	1235 (48.6)	★	450 (992)	787 (31.0)	1255 (49.4)	★	850 (1874)
300 (12)	698 (27.5)	900 (35.4)	★	380 (883)	711 (28.0)	1435 (56.5)	★	735 (1620)	838 (33.0)	1330 (52.4)	★	1030 (2271)
350 (14)	787 (31.0)	1080 (42.5)	★	485 (1069)	-	-	-	-	-	-	-	-

Materials	
Body & Bonnet	ASTM A216 Gr. WCB, A217 Gr. WC6 / WC9 / C5 / C12, A352 Gr. LCB, A351 Gr. CF8 / CF8M / CF3 / CF3M
Wedge / Disc & Seat Ring	ASTM A217 Gr. Ca15 or WCB + 13% Cr. Facing* WC6 + Stellite, A351 Gr. CF8 / CF8M / CF3 / CF3M
Stem, Gland & Bonnet Bush	ASTM A276 TYPE 410 / 304 / 316
Yoke Sleeve	Ni-Resist ASTM A439 Gr. D2
Gland Packing	Pre moulded Grafoil rings / Braided Grafoil rings / PTFE
Gasket	Spiral Wound 304 / 316 with CAF / Graphite / PTFE filled
Stud / Nut	ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M
Hand Wheel	Carbon Steel
Surface Protection for Carbon Steel Valves	Prime Coat : Chlorine free with modified alkyd resin unobjectionable in physiological and toxicological respects. Additional external coating : Silver Streak aluminium paint

1) Nett in Kg.(lbs) approx. (without obligation) for Flanged Ends ★ Bevel Gear Actuators mandatory. ● Applicable for size 65 (2.1/2) & above Valves. ■ Butt Weld Ends to ASME B16.25. ■ Stellite Seating & Wedge / Disc available on request. ■ Please Specify working Pressure, Temperature & Service conditions. ■ Valves can be supplied with Electric or Gear Actuators. ■ Ring Joint, Large or Small Tongue & Groove Flanges are available on request. ■ Other materials is not mentioned above available on request.

PRESSURE SEAL GLOBE VALVES

CLASS - 900 - 1500 - 2500



Features :

Heavy duty OS & Y type, Pressure Seal Bonnet, rising or non rising handwheel, renewable seating. Wall thickness as per ASME B16.34. Valves with most advanced design Features Provide the ultimate in dependable, economical flow control.

DESIGN STD : ASME B16.34

TESTING STD : API 598 ASME B16.34

Test Pressure in bar (psi)			
Class	900	1500	2500
Hyd. Shell	230 (3335)	384 (5568)	647 (9282)
Seat / Back Seat	169 (2451)	282 (4089)	474 (6873)
Air Seat	6.9 (100)		

Dimensions are in mm (inch)																
SIZE	Class - 900						Class - 1500						Class - 2500			
	← A →		B	ØC	← Wt 1 →		← A →		B	ØC	← Wt 1 →		A	B	ØC	Wt 1)
mm (inch)	FE	BWE			FE	BWE	FE	BWE			FE	BWE	BWE			
50 (2)	368 (14.5)	216 (8.5)	570 (22.4)	600 (23.6)	85 (187)	51 (112)	368 (14.5)	216 (8.5)	570 (22.4)	600 (23.6)	85 (187)	51 (112)	279 (11.0)	610 (24.0)	750 (29.5)	55 (121)
65 (2.1/2)	419 (16.5)	254 (10.0)	580 (22.8)	600 (23.6)	100 (220)	53 (117)	419 (16.5)	254 (10.0)	580 (22.8)	600 (23.6)	100 (220)	53 (117)	330 (13.0)	500 (19.7)	750 (29.5)	75 (165)
80 (3)	381 (15.0)	305 (12.0)	515 (20.3)	600 (23.6)	105 (231)	55 (121)	470 (18.5)	305 (12.0)	515 (20.3)	★	150 (331)	90 (198)	368 (14.5)	630 (24.8)	★	105 (231)
100 (4)	457 (18.0)	356 (14.0)	715 (28.1)	★	170 (375)	125 (276)	546 (21.5)	406 (16.0)	715 (28.1)	★	205 (452)	146 (322)	457 (18.0)	1210 (47.6)	★	440 (970)
125 (5)	559 (22.0)	432 (17.0)	1010 (39.8)	★	255 (562)	202 (445)	673 (26.5)	483 (19.0)	1025 (40.4)	★	305 (672)	227 (500)	533 (21.0)	790 (31.1)	★	490 (1080)
150 (6)	610 (24.0)	508 (20.0)	1025 (40.4)	★	310 (683)	331 (730)	705 (27.8)	559 (22.0)	1115 (43.9)	★	380 (838)	355 (783)	610 (24.0)	1390 (54.7)	★	540 (1190)
200 (8)	737 (29.0)	660 (26.0)	1230 (48.4)	★	680 (1499)	628 (1385)	832 (32.8)	711 (28.0)	1200 (47.2)	★	780 (1720)	810 (1786)	762 (30.0)	1455 (57.3)	★	1200 (2645)
250 (10)	838 (33.0)	787 (31.0)	1370 (53.9)	★	1300 (2866)	1138 (2509)	991 (39.0)	863 (34.0)	1320 (52.0)	★	1500 (3307)	1360 (2998)	-	-	-	-
300 (12)	965 (38.0)	914 (36.0)	1520 (59.8)	★	1900 (4189)	1720 (3792)	1130 (44.5)	990 (39.0)	1430 (56.3)	★	2300 (5070)	1940 (4277)	-	-	-	-

FE = Flanged End BWE = Butt Weld End

Materials	
Body & Bonnet	ASTM A216 Gr. WCB, A217 Gr. WC6 / WC9 / C5 / C12, A351 Gr. CF8 / CF8M / CF3 / CF3M
Disc & Seat Ring	ASTM A216 Gr. WCB, A217 Gr. WC6, A351 Gr. CFB / CF8M / CF3 / CF3M, Seat faces are stellite
Stem & Gland	ASTM A276 TYPE 410 / 304 / 316
Yoke Sleeve	Ni-Resist ASTM A439 Gr. D2
Gland Packing	Pre moulded Grafoil rings / Braided + Moulded Grafoil rings
Pressure Seal Ring	Expanded Graphite
Stud / Nut	ASTM A193 Gr. B7 / B16 / B8 / B8M / A194 Gr. 2H / 7 / 8 / 8M
Yoke & Hand Wheel	Carbon Steel, Alloy Steel
Surface Protection for Carbon Steel Valves	Prime Coat : Chlorine free with modified alkyd resin unobjectionable in physiological and toxicological respects. Additional external coating : Silver Streak aluminium paint

1) Nett in Kg. (lbs) approx. (without obligation) ★ Bevel Gear Actuators mandatory. ● For Class 2500 ■ Butt Weld Ends to ASME B 16.25. ■ Class 900, 1500 & 2500 Valves are with Butt Weld Ends (Short pattern), Flanged Ends available on request. ■ Please Specify Working pressure ■ Temperature & Service conditions.

■ Valves can be supplied with Electric or Gear Actuators. ■ Ring Joint, Large or Small Tongue & Groove Flanges are available on request. Other Materials not mentioned above available on request.