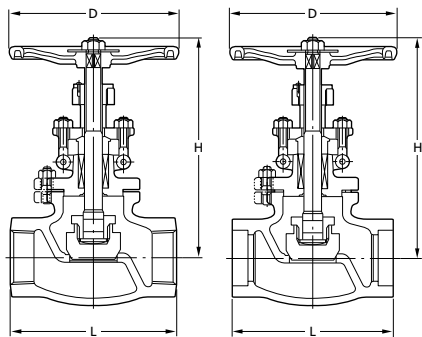


CLASS 150 GLOBE VALVE

Pressure-Temperature Rating: ASME B16.34



AK150UPM

• Threaded ends

AW150UPM

• Socket Welding Ends



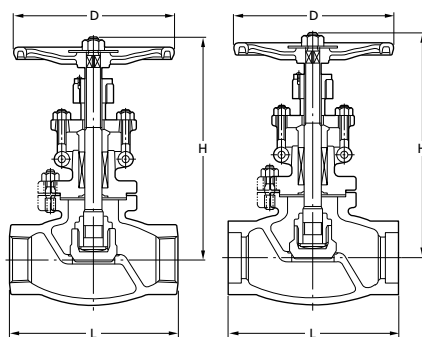
Parts	Material	Parts	Material
Body	CF3M	Handwheel	Ductile iron
Bonnet	CF8M	Gasket	Refer to Page 6
Stem	316	Gland flange	CF8
Disc	316	Bonnet bolt/nut	B8/8
Lock nut	316	Gland bolt/nut	B8/8
Gland	316	Yoke bush	Ductile Ni-resist
Gland packing	Refer to Page 10	Name plate	Aluminum

End Flange Dimensions: KITZ Std.
 Connecting Threads: ASME B1.20.1
 Connecting Sockets: ASME B16.11
 Wall Thickness: ASME B16.34 Class150

Nominal Size	AK150UPM					AW150UPM				
	1/2	3/4	1	1 1/2	2	1/2	3/4	1	1 1/2	2
L	in. 3.4	3.75	4.25	5.5	6.5	in. 3.3	3.6	4.1	5.4	6.4
	mm 86	95	108	140	165	mm 83	92	105	137	162
H (open)	in. 6.5	6.5	6.71	7.8	9.1	in. 6.5	6.5	6.7	7.8	9.1
	mm 164	166	69	198	230	mm 164	166	169	198	230
D	in. 3.5	3.5	3.9	5.5	6.3	in. 3.5	3.5	3.9	5.5	6.3
	mm 90	90	100	140	160	mm 90	90	100	140	160

CLASS 300 GLOBE VALVE

Pressure-Temperature Rating: ASME B16.34



AK300UPM

• Threaded ends

AW300UPM

• Socket Welding Ends



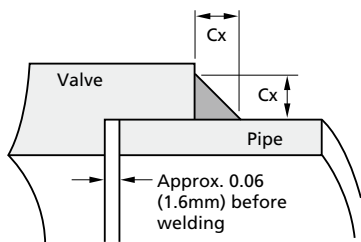
Parts	Material	Parts	Material
Body	CF3M	Gland flange	CF8
Bonnet	CF8M	Handwheel	Ductile iron
Stem	316	Gasket	Refer to Page 6
Disc	316/CF8M	Bonnet bolt/nut	B8/8
Lock nut	316	Gland bolt/nut	B8/8
Gland	316	Yoke bush	Ductile Ni-resist
Gland packing	Refer to Page 10	Name plate	Aluminum

End Flange Dimensions: KITZ Std.
 Connecting Threads: ASME B1.20.1
 Connecting Sockets: ASME B16.11
 Wall Thickness: ASME B16.34 Class300

Nominal Size	AK300UPM					AW300UPM				
	1/2	3/4	1	1 1/2	2	1/2	3/4	1	1 1/2	2
L	in. 3.75	4.25	5.0	6.5	7.58	in. 3.62	4.13	4.88	6.37	7.36
	mm 95	108	127	165	190	mm 92	105	124	162	187
H (open)	in. 7.0	7.1	7.2	9.2	11.4	in. 7.0	7.1	7.2	9.2	11.3
	mm 178	180	184	233	289	mm 178	180	184	233	289
D	in. 3.9	3.9	3.9	6.3	7.1	in. 3.9	3.9	3.9	6.3	7.1
	mm 100	100	100	160	180	mm 100	100	100	160	180

Unit:mm

Welding Dimensions Required for Socket Welding Vales



Minimum Leg of Fillet Weld. Cx

Unit: inches (mm)

Sch. No.	1/2	3/4	1	1 1/2	2
5S/10S	0.125 (3.2)				
40	0.125 (3.2)				
80	0.161 (4.0)	0.168 (4.3)	0.196 (5.0)	0.218 (5.6)	0.238 (6.1)
160	0.205 (5.3)	0.239 (6.1)	0.273 (7.0)	0.307 (7.8)	0.375 (9.6)