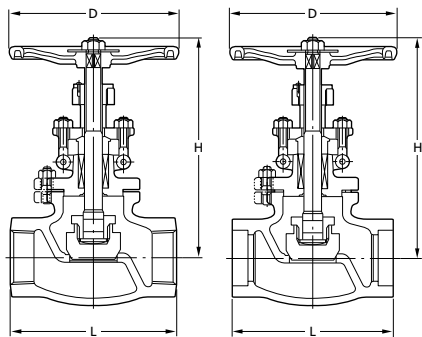


CLASS 150 GLOBE VALVE

Pressure-Temperature Rating: ASME B16.34



AK150UPM

• Threaded ends

AW150UPM

• Socket Welding Ends



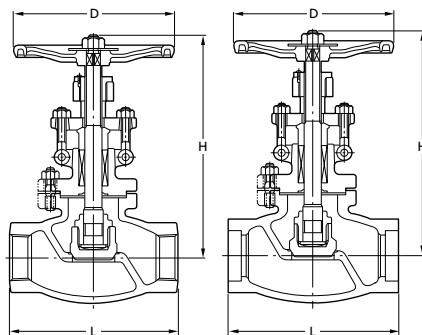
Parts	Material	Parts	Material
Body	CF3M	Handwheel	Ductile iron
Bonnet	CF8M	Gasket	Refer to Page 6
Stem	316	Gland flange	CF8
Disc	316	Bonnet bolt/nut	B8/8
Lock nut	316	Gland bolt/nut	B8/8
Gland	316	Yoke bush	Ductile Ni-resist
Gland packing	Refer to Page 10	Name plate	Aluminum

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



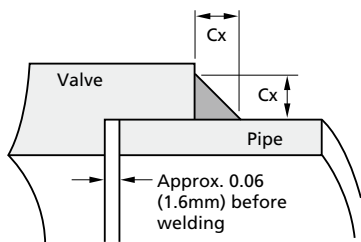
Parts	Material	Parts	Material
Body	CF3M	Gland flange	CF8
Bonnet	CF8M	Handwheel	Ductile iron
Stem	316	Gasket	Refer to Page 6
Disc	316/CF8M	Bonnet bolt/nut	B8/8
Lock nut	316	Gland bolt/nut	B8/8
Gland	316	Yoke bush	Ductile Ni-resist
Gland packing	Refer to Page 10	Name plate	Aluminum

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)				
			0.145 (3.7)	0.159 (4.0)	0.168 (4.3)
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)