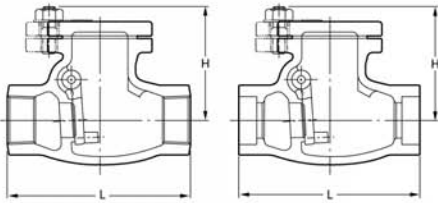


CLASS 150

SWING CHECK VALVE

Pressure-Temperature Rating: ASME B16.34



Parts	Material	Parts	Material
Body	CF3M	Plug	316
Cover	CF8M	Gasket	Refer to Page 10
Disc	CF8M	Cover bolt/nut	B8/8
Hinge pin	316	Name plate	Aluminum

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

AK150UOM

• Threaded ends

AW150UOM

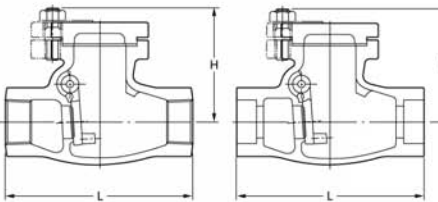
• Socket Welding Ends

Nominal Size	AK150UOM					AW150UOM					Unit:mm
	1/2	3/4	1	1 1/2	2	1/2	3/4	1	1 1/2	2	
	15	20	25	40	50	15	20	25	40	50	
L	3.75	3.75	5.0	6.0	6.5	3.6	3.6	4.9	5.9	6.4	
H	2.8	3.0	3.2	4.1	4.7	2.8	3.0	3.2	4.1	4.7	
	70	75	81	104	120	70	75	81	104	120	

CLASS 300

SWING CHECK VALVE

Pressure-Temperature Rating: ASME B16.34



Parts	Material	Parts	Material
Body	CF3M	Plug	316
Cover	CF8M	Gasket	Refer to Page 10
Disc	CF8M	Cover bolt/nut	B8/8
Hinge pin	316	Name plate	Aluminum

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

AK300UOM

• Threaded ends

AW300UOM

• Socket Welding Ends

Nominal Size	AK300UOM					AW300UOM					Unit:mm
	1/2	3/4	1	1 1/2	2	1/2	3/4	1	1 1/2	2	
	15	20	25	40	50	15	20	25	40	50	
L	4.5	5.0	5.5	6.0	6.5	4.37	4.88	5.39	5.86	6.37	
H	3.1	3.2	3.7	4.5	5.3	3.1	3.2	3.7	4.5	5.3	
	78	80	9.3	114	135	78	82	93	114	135	

Cautionary Note Regarding Installation of Socket welding Joints

To prevent problems in the cracking of the fillet welds when the pipe is seated against the bottom of the socket prior to welding, it is recommended that the pipe be withdrawn approximately 0.06 in (1.6 mm) away from contact with the bottom of the socket before starting the weld.

Valves should be welded with the disc slightly opened, using weld material (rod or wire) with an appropriate diameter to meet the dimension and shape of the area to be welded, for prevention of overheating valves.