



AW31/13 **METAL SEATED SWING CHECK VALVE, WITH LEVER & WEIGHT**

DN50 - DN600

The Swing Check Valve is a conventional single disc valve that is perfectly suited for low velocity piping systems. By using weight, slamming can be greatly reduced where required.

Application:



Irrigation, District heating & cooling, Potable Water, Wastewater, Storm Water

Design features

- Top entry for ease of inspection and maintenance without removing from piping
- Globe shape to provide full flow with low pressure drop
- Lever with weight or spring available for added control

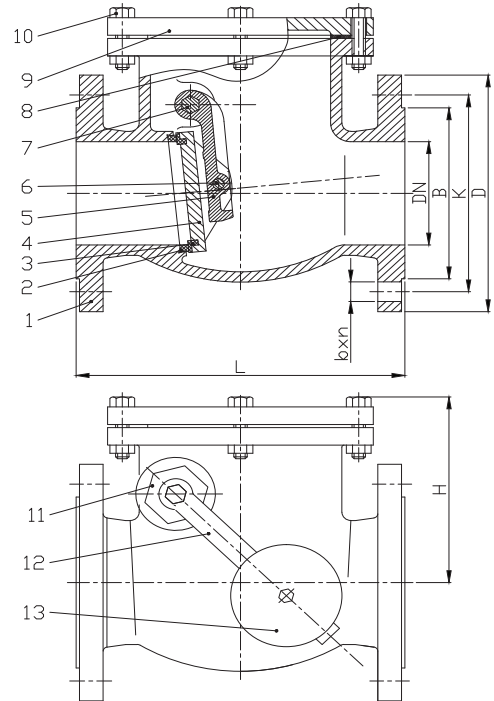
Technical Details:

Face to Face in accordance to: EN 558-1 Series 10	Flange Type: EN 1092-2 PN10 & PN16
Maximum Working Pressure PFA: 16 bar / PN16	Coating: 300 µm FBE coating, external and internal
Working temperature: Maximum +80°C	Installation: Horizontal, piping level Vertical, when fluid flowing upwards
Construction complies to: BS 5153	



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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Body Seat	Bronze
3	Disc Seat	Bronze
4	Disc	Ductile Iron EN-GJS-500-7
5	Arm	Ductile Iron EN-GJS-500-7
6	Bolts, Nuts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
7	Hinge Pin	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
8	Gasket	EPDM
9	Bonnet	Ductile Iron EN-GJS-500-7
10	Bolts, Nuts, Washers	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
11	Gland	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
12	Lever	Ductile Iron EN-GJS-500-7
13	Weight	Ductile Iron EN-GJS-500-7



Dimension (mm & kg)

DN		50	65	80	100	125	150	200	250	300	350	400	450	500	600
AW31/13	PN16	AS5092	AS5093	AS5094	AS5095	AS5096	AS5097	AS5098	AS5099	AS5100	AS5101	AS5102	AS5103	AS5104	AS5105
	PN10							AS5106	AS5107	AS5108	AS5109	AS5110	AS5111	AS5112	AS5113
L		203	216	241	292	330	356	495	622	698	787	914	978	978	1295
H		137	147	159	180	203	223	258	290	325	361	388	450	518	620
D PN16/PN10		165	185	200	220	250	285	340	405/ 395	460/ 445	520/ 505	580/ 565	640/ 615	715/ 670	840/ 780
K PN16/PN10		125	145	160	180	210	240	295	355/ 350	410/ 400	470/ 460	525/ 515	585/ 565	650/ 620	770/ 725
B PN16/PN10		99	118	132	156	184	211	266	319	370	429	480	548/ 530	609/ 582	720/ 682
b x n PN16/PN10		19×4	19×4	19×8	19×8	19×8	23×8	23×12/ 23×8	28×12/ 23×12	28×12/ 23×12	28×16/ 23×16	31×16/ 28×16	31×20/ 28×20	34×20/ 28×20	37×20/ 31×20
Weight [kg]		14,5	17	22	28	41	52	93	127	184	247	364	482	565	998