



Metal Seated Swing Check Valve with Weight & Lever

AW31/13

DN50 - DN300

PN 10/16

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.

Technical Details

Face to Face in accordance to:

EN 558-1 Series 10

Maximum Working Pressure PFA:

16 bar / PN16

Working temperature:

Maximum +80°C

Construction complies to:

BS 5153

Flange Type:

EN 1092-2 PN10 & PN16

Coating:

250 µm FBE coating, external and internal - RAL5015

Installation:

Horizontal, piping level Vertical, when fluid flowing upwards

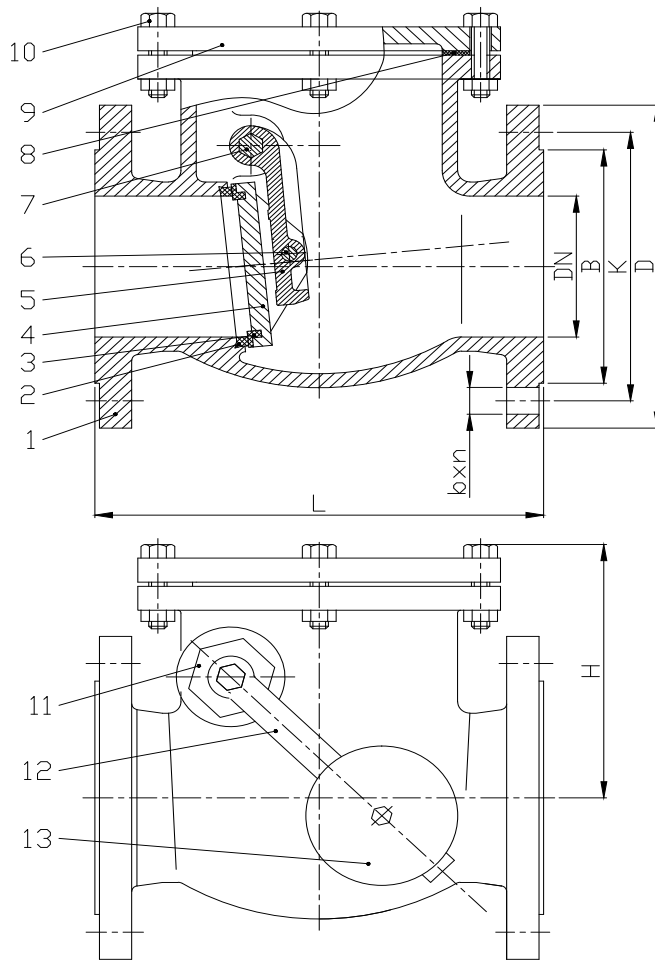
Application:

Installation for water, potable water, irrigation water , sewage and other chemically inert fluids

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





No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Body Seat	Brass
3	Disc Seat	Brass
4	Disc	Ductile Iron EN-GJS-500-7
5	Arm	Ductile Iron EN-GJS-500-7
6	Bolts, Nuts	Stainless Steel X5CrNi18-10 / 1.4301 / 304
7	Hinge Pin	Stainless Steel X20Cr13 / 1.4021 / 420
8	Gasket	EPDM
9	Bonnet	Ductile Iron EN-GJS-500-7
10	Bolts, Nuts, Washers	Stainless Steel X5CrNi18-10 / 1.4301 / 304
11	Gland	Stainless Steel X5CrNi18-10 / 1.4301 / 304
12	Lever	Ductile Iron EN-GJS-500-7
13	Weight	Ductile Iron EN-GJS-500-7

Dimension (mm & kg)

Group	DN	50	80	100	150	200	250	300
AW31/13	PN16	AS5165	AS5166	AS5167	AS5168	AS5169	AS5170	AS5172
L		203	241	292	356	495	622	698
H		137	159	180	223	258	290	325
D		165	200	220	285	340	405/395	460/445
K		125	160	180	240	295	355/350	410/400
B		99	132	156	211	266	319	370
b x n		19x4	19x8	19x8	23x8	23x12/ 23x8	28x12/ 23x12	28x12/ 23x12
Weight [kg]		14,5	22	28	52	93	127	184