Flanged Metal Seated Swing Check Valve

Model : BT 1410

BLAZE

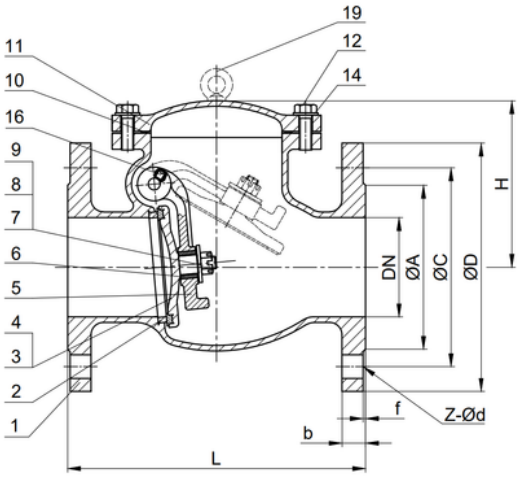
Description:

The BT 1410 Flanged Metal Seated Swing Check Valve is a durable valve designed to prevent reverse flow and provide reliable backflow protection in fluid systems. Featuring a metal-to-metal seating arrangement and robust ductile iron construction, it offers dependable performance and long service life. With PN16 flanged connections and internal and external FBE coating in RAL 5015, the valve provides excellent corrosion resistance and is suitable for water, oil, gas, pumping stations, HVAC and industrial applications.

Specifications :

Size	2" to 12" (DN50 to DN300)
Working Pressure	233 psi (16 Bar)
Design Standard	BS 5153
End Connection	BS EN 1092-2 PN16
Temperature Range	-10°C to 120°C (14°F to 248°F)
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)





Applications :

- Water Distribution Networks
- Oil And Gas Pipelines
- Pumping Stations
- Industrial And Utility Systems
- HVAC And Fire Protection Systems

Dimensions:

Order Code	DN	Inch	ØA (mm)	ØC (mm)	ØD (mm)	Z-Ød$_{0.2}^{+1}$	b$_{-3}^{+4}$ (mm)	f (mm)	L (mm)	H (mm)
BT-1410-050-RF	50	2"	99±4	125	165±4	4-Ø19	19	3	203±2	118
BT-1410-065-RF	65	2 ½"	118±4	145	185±4	4-Ø19	19	3	216±2	133
BT-1410-080-RF	80	3"	132±4	160	200±4	8-Ø19	19	3	241±2	134
BT-1410-100-RF	100	4"	156±4	180	220±4	8-Ø19	19	3	292±3	162
BT-1410-125-RF	125	5"	184±4.5	210	250±4	8-Ø19	19	3	330±3	188
BT-1410-150-RF	150	6"	211±4.5	240	285±4	8-Ø23	19	3	356±3	264
BT-1410-200-RF	200	8"	266±4.5	295	340±4	12-Ø23	20	3	495±3	304
BT-1410-250-RF	250	10"	319±4.5	355	405±4	12-Ø28	22	3	622±4	360
BT-1410-300-RF	300	12"	370±4.5	410	460±5	12-Ø28	24.5	3	698±4	379

Note: All dimensions are for informational purposes only. Final details should be verified with the approved technical drawings.

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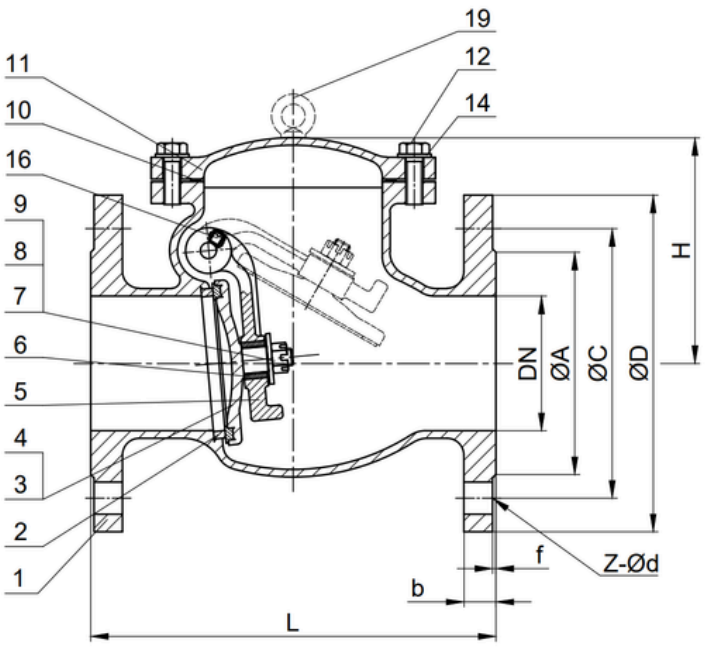
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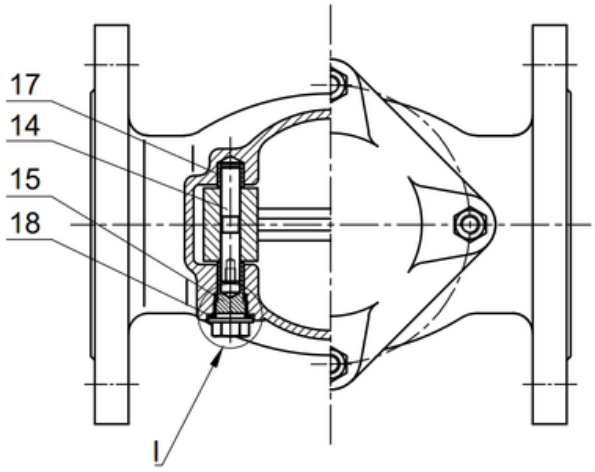
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Material Specification :

No.	Part Name	Material	Specification
1	Body	Ductile Iron	BS EN 1563 EN-GJS-400
2	Seat	LG2	-
3	Disc	Ductile Iron	BS EN 1563 EN-GJS-400
4	Disc Ring	LG2	-
5	Hinge	Ductile Iron	BS EN 1563 EN-GJS-400
6	Hinge Bushing	CZ124	-
7	Washer	BS EN 10088	X 5CrNi18-10
8	Nut	BS EN 10088	X 5CrNi18-10
9	Split Pin	BS EN 10088	X 5CrNi18-10
10	Body Gasket	Graphite	BS EN 10088 X5CrNi18-10

No.	Part Name	Material	
11	Bonnet	Ductile Iron	BS EN 1563 EN-GJS-400
12	Bolt	Carbon Steel	-
13	Washer	Carbon Steel	-
14	Gasket	BS EN 10088	X 5CrNi18-10
15	Plug	BS EN 10088	X 5CrNi18-10
16	Screw	BS EN 10088	X 5CrNi18-10
17	Bushing	CZ124	-
18	Gasket for DN150-DN300	EPDM	-
	O-Ring for DN50-DN125		-
19	Eyebolt for DN150-DN300	Carbon Steel	-

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