



BLAZE

Flanged Foot Valve

Model : BT 1509

Description:

The BT 1509 Flanged Foot Valve is designed to prevent backflow and maintain reliable fluid flow in water, oil and gas systems. Featuring a robust cast iron or ductile iron body, corrosion-resistant components and a stainless-steel strainer, it provides dependable performance and efficient suction protection. Available with EPDM or NBR seating, the valve is suitable for working pressures up to 25 bar and operating temperatures from -20°C to 110°C, making it suitable for a wide range of pumping and fluid handling applications.

Specifications :

Size	2" to 12" (DN50 to DN300)
Working Pressure	233 psi (16 Bar) / 363 psi (25 Bar)
Temperature Range	-20°C to 110°C (EPDM Seat) -10°C to 80°C (NBR Seat)
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)

Material Specification :

No.	Part Name	Material
1	Body	Ductile Iron BS EN 1563 EN-GJS-400
2	Seat	Ductile Iron BS EN 1563 EN-GJS-400+EPDM
3	Disc	Ductile Iron BS EN 1563 EN-GJS-400
4	Shaft	BS EN 10088 X5CrNi18-10
5	Spring	BS EN 10088 X5CrNi18-10
6	Guide Sleeve	BS 1400
7	O Ring	EPDM (Ø118x3.55)
8	Screw	BS EN 10088 X5CrNi18-10 (M6x8)
9	Screw	BS EN 10088 X5CrNi18-10 (M5x10)
10	Spring washer	BS EN 10088 X5CrNi18-10
11	Gasket	BS EN 10088 X5CrNi18-10
12	Screen	BS EN 10088 X5CrNi18-10

Note: Cast Iron body material applies to PN 16 / Class 125 pressure ratings; Ductile Iron body material applies to PN 25 / Class 250 pressure ratings.

Dimensions :

Order Code	DN	Inch	H1 (mm)	H2 (mm)	D (mm)	ØW	PCD	N-Ø
BT-1509-050-RF	50	2"	133±2	201	114	Ø165	Ø125	4-Ø19
BT-1509-065-RF	65	2 ½"	140±2	233	130	Ø185	Ø145	4-Ø19
BT-1509-080-RF	80	3"	152±2	260	144	Ø200	Ø160	8-Ø19
BT-1509-100-RF	100	4"	185±2	323	177	Ø220	Ø180	8-Ø19
BT-1509-125-RF	125	5"	216±2	379	201	Ø250	Ø210	8-Ø19
BT-1509-150-RF	150	6"	229±2	418	237	Ø285	Ø240	8-Ø23
BT-1509-200-RF	200	8"	257±3	465	290	Ø340	Ø295	12-Ø23
BT-1509-250-RF	250	10"	393±3	616	330	Ø405	Ø355	12-Ø28
BT-1509-300-RF	300	12"	362±3	607	383	Ø460	Ø410	12-Ø28

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

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Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

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