Double Door Wafer Check Valve - PN 16

Model : BT 1411

BLAZE

Description:

The BT 1411 Double Wafer Check Valve is a compact and reliable Non-Return Valve designed for HVAC, Plumbing and Industrial water systems. Featuring a wafer-style body with spring-assisted dual discs, it provides fast closing, reduced water hammer and efficient backflow prevention. Designed to BS EN 12334 and suitable for installation between BS EN 1092-2 PN16 flanges, the valve is available with WRAS approval for sizes 2" to 12". Its epoxy-coated ductile iron body, WRAS-approved EPDM seat and stainless-steel spring provide excellent durability and reliable performance across a wide range of applications.

Specifications :

Size	2" to 12" (DN50 to DN300) - WRAS Approved 14" to 36" (DN350 to DN900) - Standard Design
Working Pressure	233 psi (16 Bar)
Design Standard	BS EN 12334
Approvals	WRAS Approved
End Connection	BS EN 1092-2 PN 16
Temperature Range	-20°C to 120°C (-4°F to 248°F)
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)



Applications :

- HVAC Systems - Chilled Water, Hot Water & Condenser Lines
- Potable Water Networks & Plumbing Systems
- Industrial Water Supply, Cooling Systems, & Process Pipelines
- Pump Room

Dimensions:

Order Code	DN	Inch	L	ØD1	A	B	ØD
BT-1411-050-RF	50	2"	43	65	12	16	103
BT-1411-065-RF	65	2 ½"	46	80	21.5	17	123
BT-1411-080-RF	80	3"	64	94	22.5	25	142
BT-1411-100-RF	100	4"	64	117	32	24	157
BT-1411-125-RF	125	5"	70	145	43.5	28	192
BT-1411-150-RF	150	6"	76	170	51	32	218
BT-1411-200-RF	200	8"	89	224	70.5	41	268
BT-1411-250-RF	250	10"	114	264	90	40	328
BT-1411-300-RF	300	12"	114	310	108	44	380

Note: All dimensions are for informational purposes only. Final details should be verified with the approved technical drawings. Dimensional details for valves above 12" size are available upon request.

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www.blaze-tech.co.uk Milton Keynes, United Kingdom contact@blaze-tech.co.uk

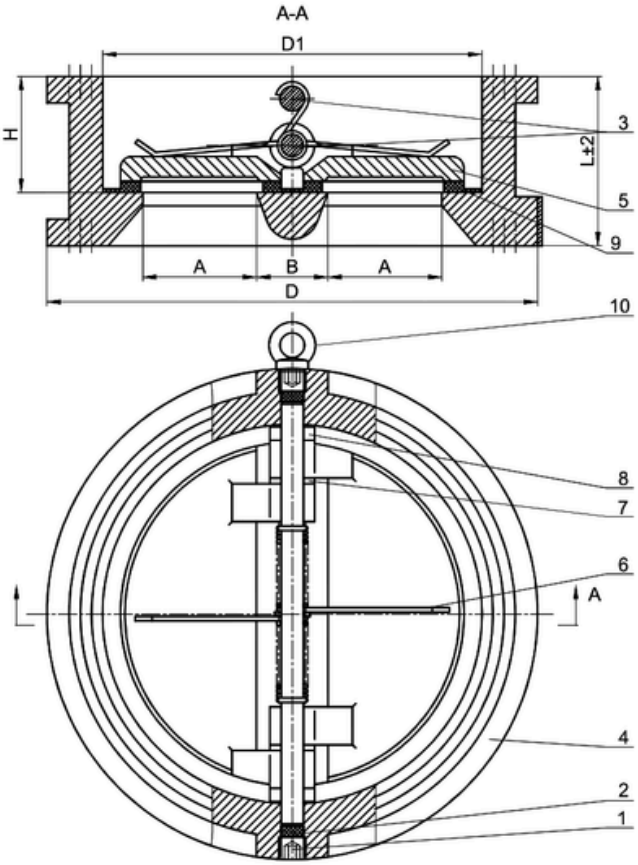
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Material Specification :

No.	Part Name	Material	Specification
1	Screw	Stainless Steel	BS970 304S15
2	Sealing Ring	WRAS EPDM	BS EN 681-1
3	Shaft	Stainless Steel	BS970 410S11
4	Body	Ductile Iron	EN-GJS-400
5	Disc	Ductile Iron	EN-GJS-400
6	Spring	Stainless Steel	BS970 304S15
7	Gasket	PTFE	BS EN ISO 13000
8	Gasket	PTFE	BS EN ISO 13000
9	Seat	WRAS EPDM	BS EN 681-1
10	Lifting Ring(above 8" size)	Carbon Steel	BS EN ISO 898-1, 8.8

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