



BLAZE

Double Door Wafer Check Valve - PN 25

Model : BT 1412

Description:

The BT 1412 Double Door Wafer Check Valve is designed for reliable backflow prevention in high-pressure Water, HVAC, Plumbing and Industrial systems. Rated up to PN25 (25 bar), its compact wafer design is suitable for installation between BS EN 1092-2 PN25 flanges. The dual spring-loaded discs provide fast and quiet closing, helping to minimise water hammer and pressure loss. With a ductile iron body and discs, WRAS-approved EPDM seating and stainless-steel springs, the valve offers durable and reliable performance for both horizontal and vertical installations.

Specifications :

Size	2" to 12" (DN50 to DN300) - WRAS Approved 14" to 36" (DN350 to DN900) - Standard Design
Working Pressure	363 psi (25 Bar)
Design Standard	BS EN 12334
Approvals	WRAS Approved
End Connection	BS EN 1092-2 PN 25
Temperature Range	-20°C to 120°C (-4°F to 248°F)
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)



Applications :

- High-Pressure HVAC Chilled & Hot Water Systems
- Industrial Plumbing & Process Water Lines
- Commercial & Municipal Potable Water Systems
- Pump Room

Dimensions:

Order Code	DN	Inch	L	ØD1	A	B	ØD
BT-1412-050-RF	50	2"	43	65	12	16	103
BT-1412-065-RF	65	2 ½"	46	80	21.5	17	123
BT-1412-080-RF	80	3"	64	94	22.5	25	142
BT-1412-100-RF	100	4"	64	117	32	24	167
BT-1412-125-RF	125	5"	70	145	43.5	28	192
BT-1412-150-RF	150	6"	76	170	51	32	218
BT-1412-200-RF	200	8"	89	224	70.5	41	279
BT-1412-250-RF	250	10"	114	264	90	40	334
BT-1412-300-RF	300	12"	114	310	108	44	399

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.

BLAZETECH SYSTEMS LTD.



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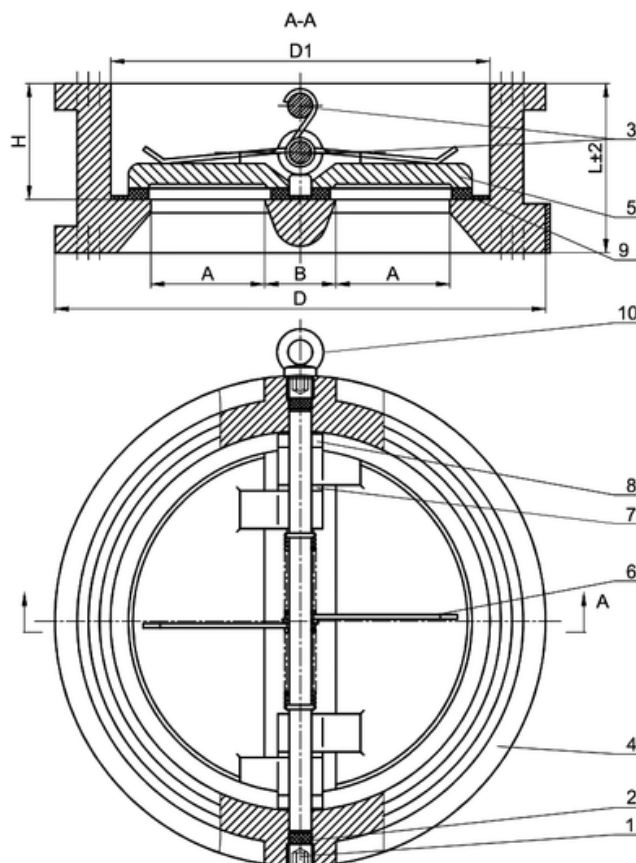
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Material Specification :

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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