

**BLAZE**

Double Door Check Valve - Wafer

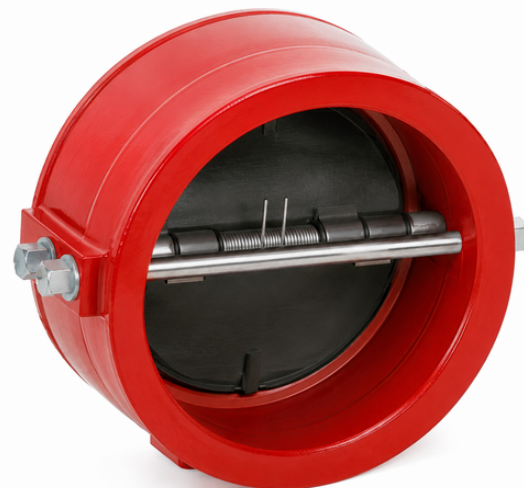
Model : BT 5303

Description :

The BT 5303 Double Door Check Valve is designed to prevent reverse flow in fire protection and water distribution systems. Its spring-loaded dual-disc design provides rapid closing to minimise water hammer, while the resilient seats ensure reliable sealing with low pressure loss. Suitable for vertical installation, the valve features an internal and external Fusion Bonded Epoxy (FBE) coating for excellent corrosion resistance.

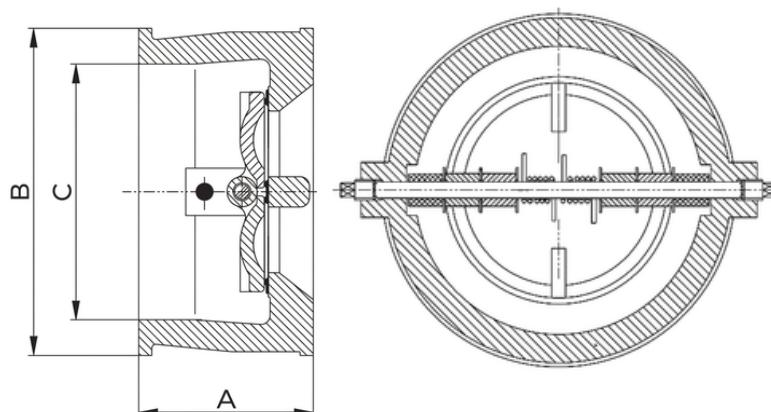
Specifications :

Size	DN 100-DN 300 (4" - 12")
Maximum Working Pressure	20.7 bar (300 psi)
Temperature Range	0° C to 80°C (32°F to 176°F)
Approvals	UL 312 Listed
End Connections	Complies to ASME B16.5 Class 150 / B 16.1 Class 125 Flanges
Coating	FBE Coating in accordance with ANSI /AWWA C550. Average Coating Thickness 250 Microns



Features :

- Spring Loaded for Fast Closure.
- Vertical Installation.
- Resilient-seated for perfect tightness even at low differential pressure.
- Excellent flow characteristics and low pressure losses at high flow rates



Dimensions:

Order Code	Size	A (mm / inch)	B (mm / inch)	C (mm / inch)
BT-5303-100-300-W	4"	93 / 3.66"	172 / 6.75"	136 / 5.35"
BT-5303-150-300-W	6"	105 / 4.13"	220 / 8.66"	178 / 7.00"
BT-5303-200-300-W	8"	121 / 4.75"	280 / 11.00"	230 / 9.00"
BT-5303-250-300-W	10"	154 / 6.00"	340 / 13.40"	285 / 11.25"
BT-5303-300-300-W	12"	187 / 7.36"	410 / 16.14"	338 / 13.31"

BLAZETECH SYSTEMS LTD.

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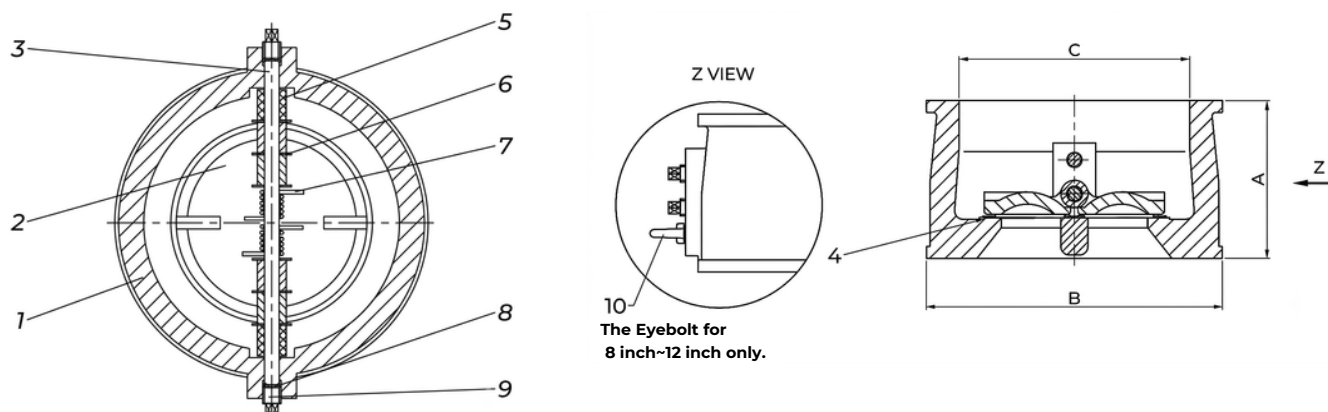


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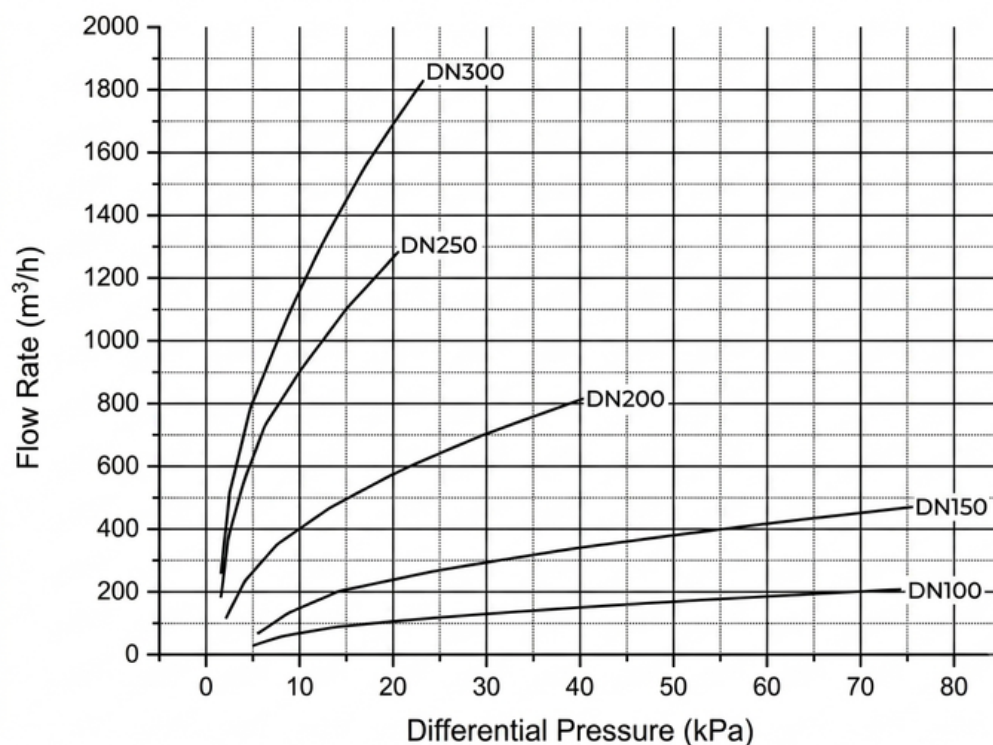


Material Specification

Item	Part Name	Material	ASTM Specification
1	Body	Ductile Iron	A536 Grade 65-45-12
2	Disc	Stainless Steel	A351 Grade CF8
3	Hinge Pin	Stainless Steel	A276 Type 304
4	Body Seat Ring	Rubber EPDM	D2000
5	Washer	Plastic	PTFE

Item	Part Name	Material	ASTM Specification
6	Spacer	Plastic	PTFE
7	Spring	Stainless Steel	A276 Type 304
8	Gasket	Rubber EPDM	D2000
9	Pin Retainer	Carbon Steel	A36
10	Eyebolt	Carbon Steel	1020

Pressure Loss V/s Flow :



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