Wafer Type Silent Check Valve

Model : BT 1413

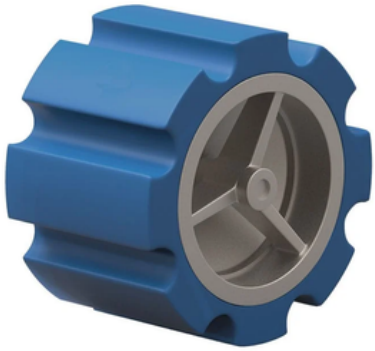
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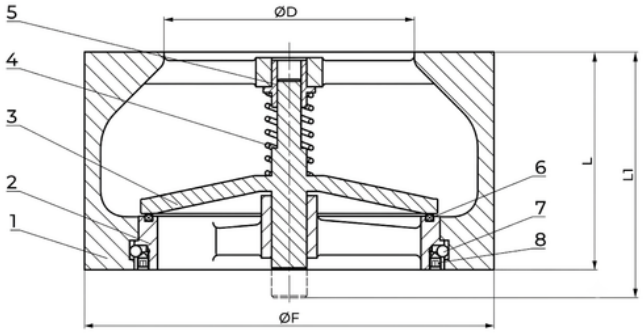
Description:

The BT 1413 Wafer Type Silent Check Valve is designed for reliable backflow prevention with quiet, non-slam operation. Its compact wafer design allows easy installation between flanges, while the spring-assisted disc ensures quick and smooth closing to minimise water hammer. Manufactured with a durable ductile iron body, stainless-steel components and EPDM/NBR seating, the valve features internal and external FBE coating in blue RAL 5015 for enhanced corrosion resistance. Designed to BS 5153 and rated PN16, it is suitable for HVAC, water distribution, steam, condensate, pump discharge and general fluid systems.

Specifications :

Size	2" to 14" (DN50 to DN350)
Working Pressure	233 psi (16 Bar)
Design Standard	BS 5153
Temperature Range	-20°C to 110°C (-4°F to 230°F)
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)





Applications :

- HVAC and Building Services
- Water Distribution Systems
- Steam and Condensate Lines
- Pump Discharge Lines
- Oil and General Fluid Systems

Dimensions:

Order Code	DN	Inch	L (mm)	L1 (mm)	ØD (mm)	ØF (mm)	PCD	N-ØC
BT-1413-050-RF	50	2"	66.7	77	68	110	Ø120.7	4-Ø19
BT-1413-065-RF	65	2 ½"	73	-	78	136	Ø139.7	4-Ø20
BT-1413-080-RF	80	3"	79.4	-	90	152	See "For DN80 View"	
BT-1413-100-RF	100	4"	101.6	-	108	177.8	Ø180	8-Ø19
BT-1413-125-RF	125	5"	117.5	-	135	220.7	Ø210	8-Ø20
BT-1413-150-RF	150	6"	139.7	-	162	247	Ø241.3	8-Ø22
BT-1413-200-RF	200	8"	165.1		215.9	339.7	Ø295	12-Ø24
BT-1413-250-RF	250	10"	210	232	271	403.6	Ø355	12-Ø28
BT-1413-300-RF	300	12"	286	312	311	415	Ø400	12-Ø23

Note: All dimensions are provided for informational purposes only. Please cross-check and confirm with the official technical drawings before installation or fabrication.

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

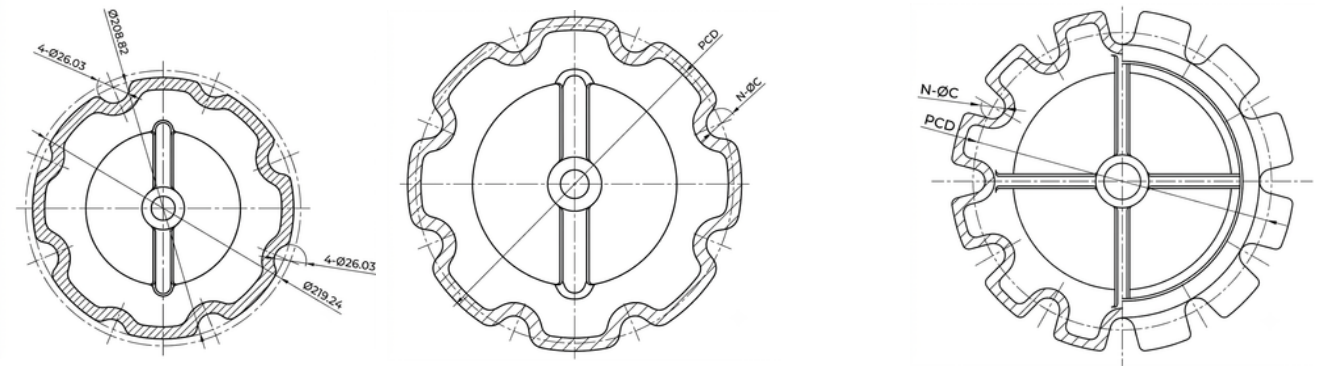
Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

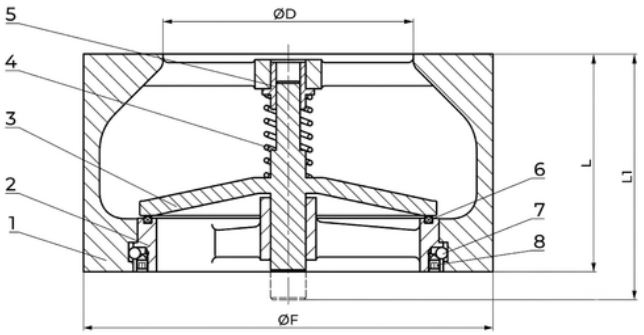
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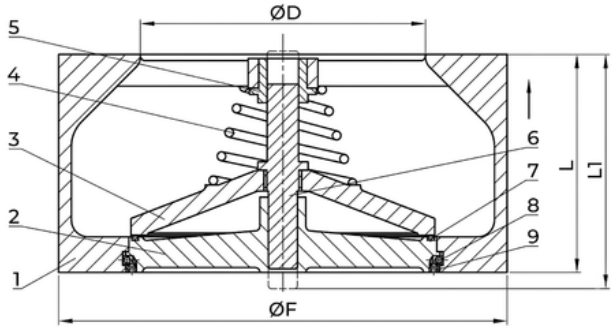
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For DN80 View





DN50 - DN150



DN200 - DN300

Material Specification :

No.	Part Name	Material
1	Body	ASTM A126B
2	Seat	ASTM A531 CF8M
3	Disc	ASTM A531 CF8M
4	Spring	SS316
5	Guiding Bushing	ASTM B584 C83600
6	Seat Ring	NBR
7	Steel Ball	ASTM A276 T440
8	Screw	SS316

Material Specification :

No.	Part Name	Material
1	Body	ASTM A126B
2	Seat	ASTM A531 CF8M
3	Disc	ASTM A531 CF8M
4	Spring	SS316
5	Guiding Bushing	ASTM B584 C83600
6	Shaft	ASTM B584 C83600
7	Seat Ring	NBR
8	Steel Ball	ASTM A276 T440
9	Screw	SS316

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