



Flow Control Company Ltd

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DF Non Return Check Valve

BS 5153 / EN12334

Metal Seated- Flanged PN16 as standard

DF Non Return Check Valves
Size Range 350mm - 1400mm - PN10-16 Size Range 200mm - 1000mm - PN25 Size Range 200mm - 600mm - PN40
Compact Design.
High Strength Ductile Iron Body/Bonnet & Disc
Aluminium Bronze Seats for increased corrosion protection.
Stainless Steel Shaft-SS420 as standard.
Bronze Bearings.
O-Ring Seals in EPDM or NBR optional.
Adjustable Lever & Weight fitted as standard and can be fitted to either side of the valve.
Flanges have integral feet supports.
Valves fitted with dedicated lifting points.
Stainless A2 vent & drain plug as standard.
Factory Fitted Guards can be supplied.
Fitted with Bypass pads as standard
WRAS approved FBE coating as standard
Flanged PN16 as standard



Options:

- * Flanges can be drilled PN10 or ANSI.
- * Available in PN25 and PN40 to 600mm
- * Available with By-pass
- * Available with micro or proximity switch
- * Protection Guards can be fitted
- * Bolts / Spindles can be upgraded to SS304 or SS316 for more aggressive mediums.
- * EPDM or NBR gaskets available.





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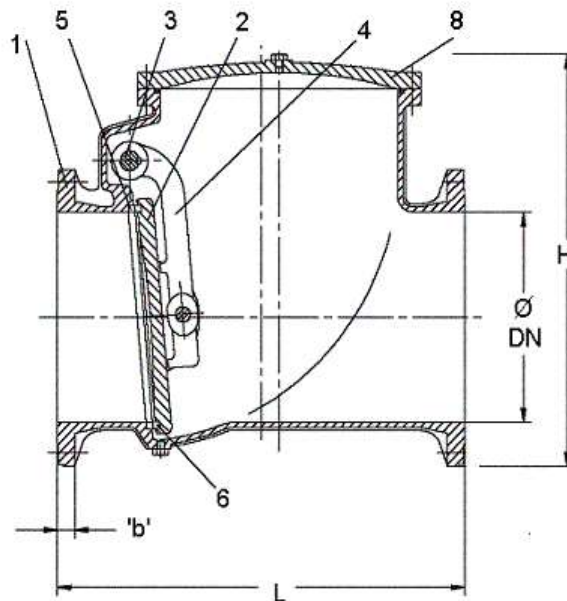
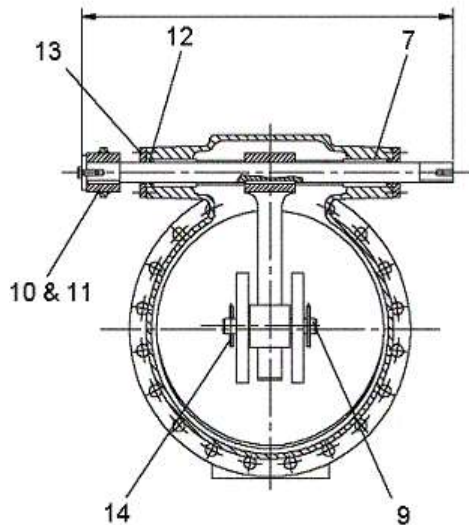
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Flanged PN16

Size Range : 350mm - 1400mm



DN (mm)	Face -Face L-mm PN16-25-40	Height H mm	Flange Thickness "b" mm	Approx Weight Kg	#	Item	Item	Standard
350mm	788	765	36	330 Kg	1	Body	Ductile Iron	BS 2789 - DIN 1563 - GGG50
400mm	915	845	38	450 Kg	2	Disc	Ductile Iron	BS 2789 - DIN 1563 - GGG50
450mm	965	920	40	550 Kg	3	Shaft	Stainless Steel	BS 970 Grade SS 420
500mm	1067	1000	42	760 Kg	4	Disc Arm	Ductile Iron	BS 2789 - DIN 1563 - GGG50
600mm	1219	1180	48	980 Kg	5	Body Seat	Aluminium Bronze	BS 1982 - CuAl8
700mm	1420	1320	54	1450 Kg	6	Disc Seat	Aluminium Bronze	BS 1982 - CuAl8
800mm	1560	1480	58	1700 Kg	7	Bearings	Bronze	BS 1400 LG2-DIN 1705
900mm	1730	1630	62	2350 Kg	8	Cover	Ductile Iron	BS 2789 - DIN 1563 - GGG50
1000mm	1900	1795	66	3150 Kg	9	Hinge Pin	Stainless Steel	BS 970 Grade SS 420
					10	Lever	HT Steel	FBE Coated
					11	Weight	Ductile Iron	BS 2789 - DIN 1563 - GGG50
					12	O-Rings	EPDM	BS 6920
					13	End Cap	Ductile Iron	BS 2789 - DIN 1563 - GGG50
					14	Locking pin	Stainless Steel	BS970 Grade SS 304
						Bolts / Nuts	HTS	Galvanised Steel as standard
						Vent/Drain Plugs	Stainless Steel A2	BS970 Grade SS 304
						Coating	F.B. Epoxy	250 microns DFT-WRAS approved
						OPTIONS:		
						Spindle/Hinge Pin	Upgrade	SS304 or SS306
						Bolts	Upgrade	SS304 or SS316
						O-Rings	NBR	For non potable water / sewage
						Guards	Galvanised Steel	FBE powder coated
						Switches	Microswitch or Proximity available	For proximity - specify N/O or N/C Type

For larger sizes 1200-1400mm - Please refer to our technical department.

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