



Flow Control Company Ltd

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DF Non Slam Recoil Check Valve

Metal Seated- Flanged PN16

Size Range : 100mm - 1400mm

Non Slam Recoil Check Valves
Size Range 100mm - 1400mm
Compact Design - complies with WIMES Spec.
High Strength Ductile Iron Body/Bonnet & Disc
Aluminium Bronze Seats for increased corrosion protection.
Stainless Steel Shaft-SS420 as standard with upgrade options to SS304 or SS316 for more aggressive mediums
Bronze Bearings.
O-Ring Seals in EPDM or NBR optional.
Angled Inlet for rapid closing - Ideal for high fluid velocities.
Single piece angled Disc & Arm design reduces slamming and gives large open area to significantly reduce headloss across the valve.
Valves fitted with dedicated lifting points.
Valves fitted with Stainless Steel vent plug and drain plug as standard-A2min grade.
Integral cast supporting feet.
WRAS approved FBE coating as standard
Flanged PN16 as standard





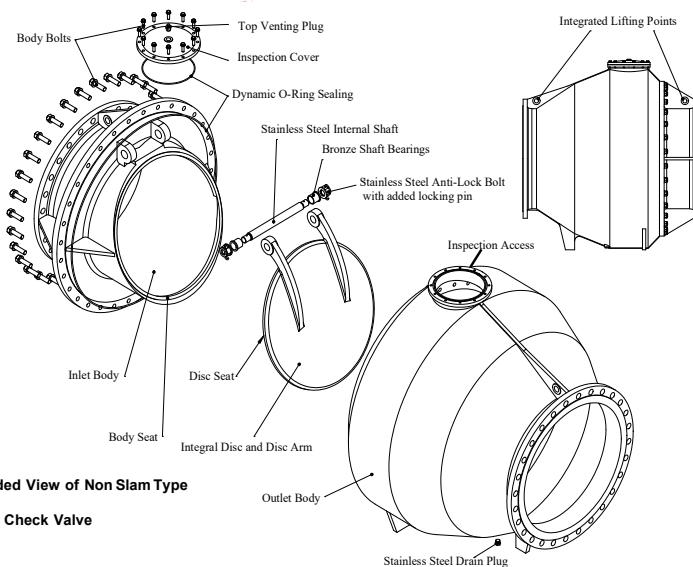
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Exploded View of Non Slam Type
Recoil Check Valve

Item	Item	Standard
Body- Inlet & Outlet	Ductile Iron	BS2789-73 DIN 1693 - GGG50
Integrated Disc & Arm	Ductile Iron	BS2789-73 DIN 1693 - GGG50
Shaft	Stainless Steel	BS970 Grade SS 420
Body Seat	Aluminium Bronze	BS 1982 - Cu Al 8
Disc Seat	Aluminium Bronze	BS 1982 - Cu Al 8
Bearings	Bronze	BS1400 LG2 DIN 17705BS 1982
Inspection Cover	Ductile Iron	BS2789-73 DIN 1693 - GGG50
Locking Pin	Stainless Steel	BS970 Grade SS A4
O-Rings	EPDM or NBR	BS6920
Locking Bolts	Stainless Steel	BS970 Grade SS-A2
External Body Bolts	HTS Galvanised	BS 970 - HTS
Vent & Drain Plugs	Stainless Steel	BS970 Grade SS-A2 Min
Coating - Std.	F.B. Epoxy	250 microns DFT-WRAS approved
OPTIONS		
Shaft	Upgrade	SS304 or SS316
Bolts	Upgrade	SS304 or SS316
O-Rings	NBR or EPDM	EPDM-Potable as standard - NBR on request
Switches	Microswitch or Proximity	available on request

DN (mm)	Face -Face L mm	Height H mm	Width W mm	Flange Thickness	Approx Weight KG
100mm	460 mm	325	290	24	63
150mm	610 mm	470	430	26	140
200mm	755 mm	560	520	30	218
250mm	965 mm	600	556	32	298
300mm	1070 mm	715	670	32	413
350mm	1145 mm	880	832	36	533
400mm	1145 mm	890	838	38	657
450mm	1220 mm	1020	970	40	837
500mm	1320 mm	1090	1040	44	1000
600mm	1450 mm	1190	1130	48	1359
700mm	1580 mm	1280	1210	54	1764
800mm	1680 mm	1370	1300	43	2233
900mm	1800 mm	1470	1390	47	2941
1000mm	1920 mm	1570	1490	50	3697

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

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