SILENT CHECK VALVE

PN16 F53N16
PN25 F53N25

FEATURES & SPECIFICATIONS

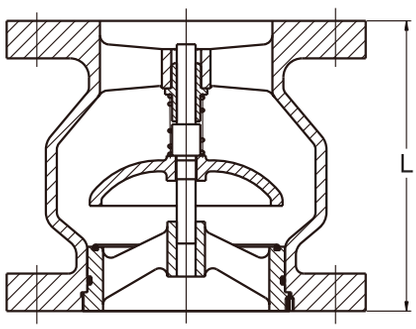
- Spring loaded
- Rubber seat ring for non-slam effect
- Durable fusion bonded epoxy coated
- Comply with BS EN 12334
- Flange drilled to EN 1092-2 PN16 / BS 4504 PN25 / EN 1092-2 PN25 / ANSI Class 150 (Specify on order)
- Applicable for Building Services, Air-Conditioning, Fire Protection, Cold Water Plumbing, Hot Water System, General Industries.

PRESSURE & TEMPERATURE RATINGS

Working Pressure	16bar	25bar
Shell Test Pressure (x1.5)	24bar	37.5bar
Seat Test Pressure (x1.1)	17.6bar	27.5bar
Working Temperature	-20°C ... 110°C (EPDM Seat Ring)	
	-10°C ... 80°C (NBR Seat Ring)	
Suitable Media	Water, Oil & Gas	

MATERIAL SPECIFICATIONS

Part	Material	Specification
Body	Ductile Iron	EN-JS 1050
Disc	Ductile Iron	EN-JS 1050
	Stainless Steel 304	EN 10088-3 1.4301
	Aluminium Bronze	EN 1982 CB491K
Seat	Ductile Iron	EN-JS 1050
	Stainless Steel 304	EN 10088-3 1.4301
	Aluminium Bronze	EN 1982 CB491K
Seat Ring	EPDM	
	NBR	
Stem	Stainless Steel 410	EN 10088-3 1.4006
Spring	Stainless Steel 304	EN 10088-3 1.4301
Bushing	Gunmetal	EN 1982-2008 GC CC491K



DIMENSIONS

(mm)

DN	(mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600
	(inch)	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
	L	133	140	152	185	216	216	257	393	362	400	448	476	524	610