WAFER TYPE SILENT CHECK VALVE

PN16 F51N16
PN25 F51N25

FEATURES & SPECIFICATIONS

- Spring loaded
- Rubber seat ring for non-slam effect
- Durable fusion bonded epoxy coated
- Designed in accordance with BS EN 12334 and MSS SP-125
- Wafer connection to BS 4504 PN16 / 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.

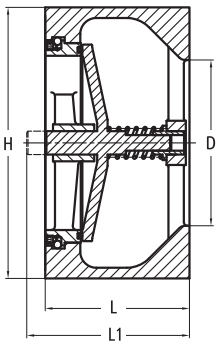


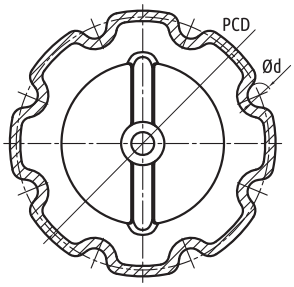
PRESSURE & TEMPERATURE RATINGS

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) -10°C ... 80°C (NBR)	
Suitable Media	Water	

MATERIAL SPECIFICATIONS

Part	Material	Specification
Body	Ductile Iron	BS EN1563 EN-GJS-450-10
Disc	Stainless Steel 304 Stainless Steel 316 Aluminium Bronze	BS 3100 304C15 EN 10088-1 1.4408 EN 1982 CuAl10Fe3
Seat	Stainless Steel 304	BS 3100 304C15
Spring	Stainless Steel 316	EN 10088-1 1.4408
Bushing	Brass	BS1400 LG2
Steel Ball	Stainless Steel 440	EN 10088-3 1.4125
Seat Ring	EPDM NBR	Commercial Commercial
Screw	Stainless Steel 304 Stainless Steel 316	EN 10088-3 1.4301 EN 10088-3 1.4408
Shaft (PN25, DN200 ... DN300)	Stainless Steel 304 Stainless Steel 316 Stainless Steel 410	BS970 304S15 BS970 306S16 BS970 410S21





DIMENSIONS

(mm)

DN (mm) / (inch)	50 / 2	65 / 2½	80 / 3	100 / 4	125 / 5	150 / 6	200 / 8	250 / 10	300 / 12
H	110	136	152	177.8	220.7	247	339.7	403.6	415
L	66.7	73	79.4	101.6	117.5	139.7	165.1	210	286
L1	77	78	-	-	-	-	-	232	312
D	68	78	90	108	135	162	215.9	271	311
PCD (PN16)	120.7	139.7	152	180	210	240	295	355	400
Ød (PN16)	4-Ø19	4-Ø20	4-Ø19	8-Ø19	8-Ø20	8-Ø23	12-Ø24	12-Ø28	12-Ø23
PCD (PN25)	120.7	139.7	152.4	180	210	241.3	295	355	430
Ød (PN25)	4-Ø19	8-Ø20	4-Ø19	8-Ø19	8-Ø20	8-Ø23	12-Ø24	12-Ø28	16-Ø35

Fivalco reserves the right to alter the information in this document without prior notice. Fivalco shall not be liable for technical errors or omissions contained herein.
Images are for illustrative purposes only. Refer to local sales representatives for detail catalogues, technical data and specifications.