Wafer Silent Check Valve

FIG. 5312

Specifications

- The design is for liquid service and offers many obvious advantages when compared with conventional swing check valve.
- Spring automatically closes disc at zero flow before flow reversal occurs. This prevents surge and water hammer.
- Completely guided disc both top and bottom.
- Available with flanges EN1092-2 PN10 or PN16, ANSI B16.1 Class125 (Other types available on request).

Working Pressure

- 16 bar, 200PSI.

Working Temperature

- -10°C to 120 °C for EPDM seat O-ring.
- -10°C to 82 °C for NBR seat O-ring.

Corrosion Protection

- Internally and externally liquid epoxy painted or fusion bonded epoxy powder coated (FBE).

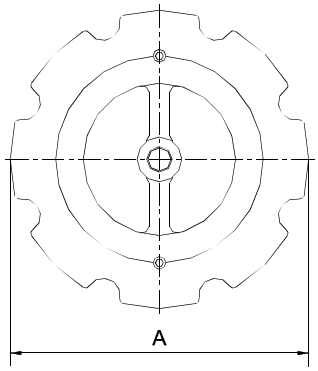
Options

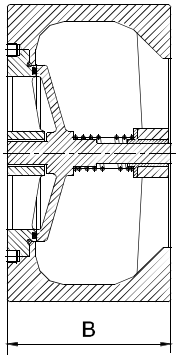
- Ductile Iron construction for PN25 or 300psi.

Material Specifications

Part Name	Material	EN Specification	ASTM Specification
Body	Grey Cast Iron	EN1561 EN-GJL-250	A126 Class B
Seat	Stainless Steel	EN 10088 X5CrNi18-10	A276 Type 304
	Bronze	EN1982, CuALL0Fe2	B62 C83600
Disc	Stainless Steel	EN 10088 X5CrNi18-10	A351 Grade CF8
	Bronze	EN1982, CuALL0Fe2	B62 C83600
Spring	Stainless Steel	EN 10088 X5CrNi18-10	A276 Type 304
Bushing	Bronze	EN10088, X20Cr13	B62 C83600
Screw	Stainless Steel	EN 10088 X5CrNi18-10	A276 Type 304
Seat O-ring	Rubber	EN681, EPDM or NBR	Commercial

Schematic





Dimensions(mm)

Size		DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350
A	ANSI 125# & 250# Flange	113	127	146	188	213	248	340	410	415	478
	EN1092-2 PN16 & PN25 Flange	108	127	150	167	213	248	340	410	415	478
B		67	73	80	102	118	140	165	216	286	350

Notes

• Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

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