

Swing Check Valve

Specifications

- Valves comply with EN16767, BS5153, MSS SP-71 or AWWA C508.
- Globe shape to provide full flow with low pressure drop.
- Suitable for mounting in horizontal and vertical position (With vertical flow upwards).
- Available with flange EN1092-2 PN10 or PN16, ANSI B16.1 Class 125. (Other flange types available on request)

Working Pressure

- 16 bar or 200psi for Size DN50 to DN600.
- 25 bar or 300psi for Size DN50 to DN300.

Working Temperature

- 10°C to 120 °C for Bronze or EPDM disc sealed ring.
- 10°C to 82 °C for NBR disc sealed ring.

Corrosion Protection

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

Options

- Ductile Iron construction for 25bar/300psi, DN350 and larger size.

Material Specifications

Part Name	Material	EN Specification	ASTM Specification
Body	Grey Cast Iron	EN1561 EN-GJL-250	A126 Class B
Cover	Grey Cast Iron	EN1561 EN-GJL-250	A126 Class B
Side Plug	Brass	EN 12168, CuZn39Pb3	B16 C36000
Hanger Pin	Stainless Steel	EN10088, X20Cr13	A276 Type 420
Hanger	Ductile Iron	EN1563 EN-GJS-450-10	A536 Grade 65-45-12
Disc	Grey Cast Iron	EN1561 EN-GJL-250	A126 Class B
Disc Trim	Bronze	EN1982, CuAl10Fe2	B62 C83600
	Rubber	EN681, EPDM or NBR	D2000
Body Trim	Bronze	EN1982, CuAl10Fe2	B62 C83600
Gasket	Graphite	Non-Asbestos	Non-Asbestos

Dimensions

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
L	203	216	241	292	330	356	495	622	699	787	914	965	1016	1219
H	121	135	141	168	182	215	267	305	343	450	520	550	590	680

Notes

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

FIG. 5101 - Bronze Disc Trim
FIG. 5102 - Rubber Disc Trim

Schematic

