

CHECK VALVE PLASTIC

Self-acting swing check valve used to prevent reverse flow. Suitable for a wide range of demanding fluids and environments.

FEATURES

- Unique lightweight thermoplastic construction
- Corrosion resistant design
- Reinforced self acting flap
- Supplied with 'no-blow' gaskets
- Large cover to aid maintenance
- Flanged connections
- Stainless steel fasteners
- Suitable for horizontal installation.



TECHNICAL SPECIFICATION

STANDARD	EN12334
RANGE	DN80 and DN100
FLANGED DRILLINGS	BS EN 1092-2:1987 Table 9 (PN10)
FACE TO FACE DIMENSIONS	EN558 Basic Series 48
MAXIMUM WORKING PRESSURE	6 Bar
HYDROSTATIC PRESSURE TESTS	Seat :1.1 x PN (6.6 Bar) & Body: 1.5 x PN (9.0 Bar)
TEMPERATURE RANGE	-35°C to 50°C (insulate at 0°C and below).

PARTS AND MATERIAL LIST

PART	MATERIAL
Housing	High density polyethylene
Inspection cover	Reinforced polyamide
Inspection cover sealing	NBR 40
Hanger	EPDM 45
Hanger inlay	Stainless steel (1.4301)
Flanges	High density polyethylene
Flange sealing rings	NBR 40
Lifting screw	Stainless steel (1.4301)
O-ring lifting screw	NBR 40
Insert threads	Stainless steel (1.4301)
Assembly material (screws, nuts, washers)	Stainless steel (1.4301)

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DIMENSIONAL DRAWING

SIZE	L	B	T	D	d	d ₂	NUMBER OF BORES (m)	WEIGHT (kg)
DN 80	260	220	250	200	160	18	8	3.2
DN 100	300	220	250	200	180	18	8	3.5

Dimensions in mm

