

Tender specification:

Oventrop cast iron swing type check valves, both ports flanged according to DIN EN 1092-2 PN 16.

Body, cover and stuffing box assembly made of cast iron (EN-GJL-250 DIN EN1561), valve seat made of brass, asbestos free gaskets.

Technical data:

Max. operating pressure p_s : 16 bar (PN 16)

Operating temperature t_s : -10 °C up to +120 °C

Max. flow velocity: 3 m/s

Round flanges according to DIN EN 1092-2, PN 16

Application:

Central heating and cooling systems with closed circuits, for operation with non-aggressive, harmless fluids (e.g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).

Oventrop cast iron swing type check valves are suitable for horizontal and vertical installation in the pipework.

In case of vertical flow direction, installation is only permissible if the flap can be opened upwards.

In case of horizontal flow direction, the flap suspension has to point upwards.

Cast iron swing type check valves are not suitable for use on pulsating flow and must be installed with a minimum of 10 D (10 x nominal pipe diameter) of straight pipe behind the pump.

Material:

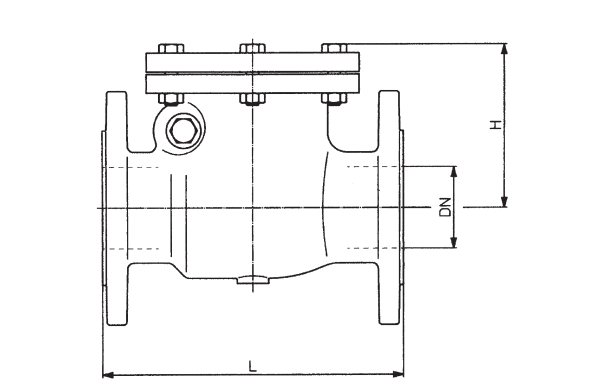
Body, bonnet and stuffing box assembly made of cast iron (GG 25/EN-GJL-250 DIN EN 1561). Valve seat made of brass. Asbestos free gaskets.

Size:

k_{vs} value

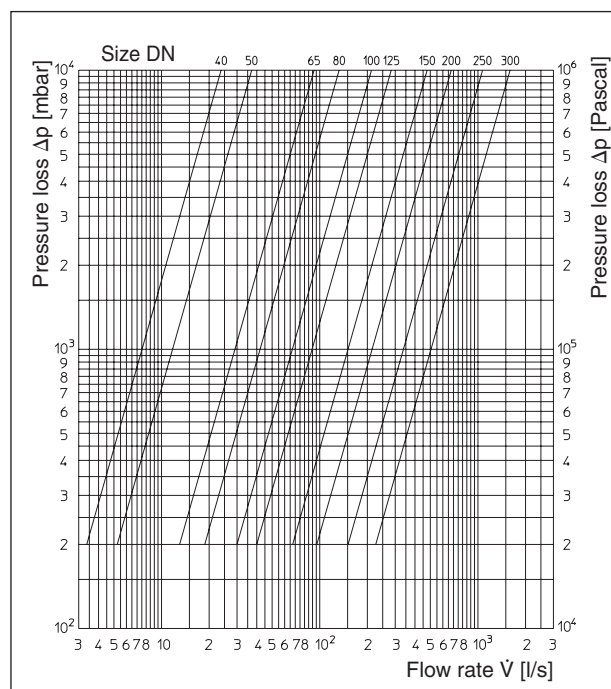
Item no.:

DN 40	85	1073049
DN 50	132	1073050
DN 65	326	1073051
DN 80	490	1073052
DN 100	770	1073053
DN 125	1020	1073054
DN 150	1700	1073055
DN 200	2410	1073056
DN 250	3870	1073057
DN 300	5670	1073058



DN	L	H	kg
40	180	115	8
50	200	125	10
65	240	130	15
80	260	140	20
100	300	160	26
125	350	180	35
150	400	200	48
200	500	220	72
250	600	290	138
300	700	330	195

Dimensions



Flow chart

Subject to technical modifications without notice.

Product range 5
ti 120-EN/10/MW
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