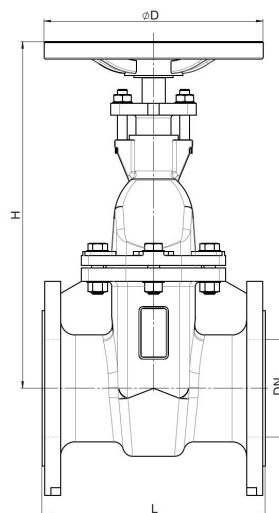


Flanged Gate Valves

PN 16, DN 50...600



Dimensions and Item Numbers



Oventrop flanged gate valves with manual operation and non rising stem are installed in the supply and return pipe of central heating and cooling systems with closed circuits. They are suitable for operation with non-aggressive fluids, e.g. water or suitable water and glycol mixtures according to VDI 2035 / ÖNORM 5195.

Specifications

Sizes	DN 50 to DN 600
Operating temperature	-10...120 °C
Operating pressure	PN 16
Length	according to EN 558, Series 3
Flanges	according to EN 1092-2 PN 16

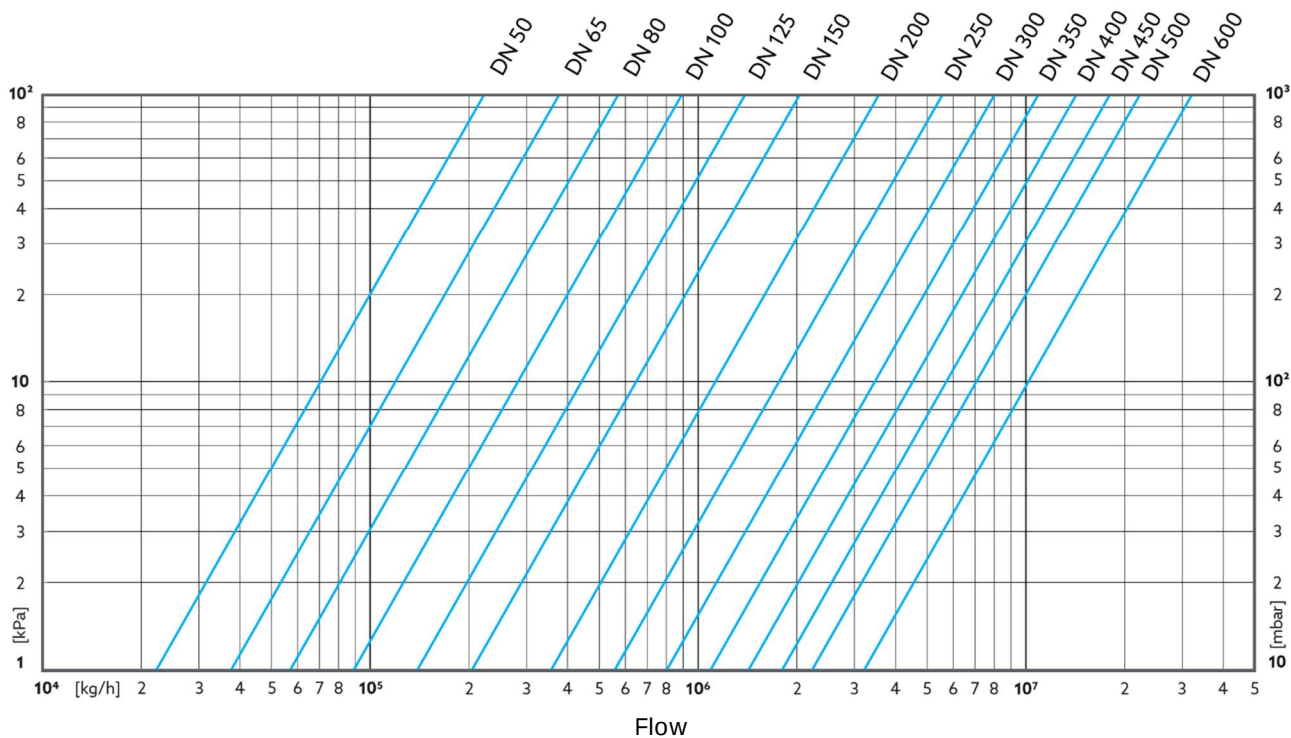
Materials

Body, bonnet, gland, handwheel and wedge	Nodular cast iron EN-GJS-400-15 (GGG40)
Stem	Stainless steel SS420
Stem nut	Manganese brass HMn58-2
Packing	Graphite
Sealing rings	Gun metal C83600 (RG5)
Coating	Fusion bonded epoxy coating

DN	kvs-value	L [mm]	H [mm]	ØD [mm]	Weight [kg]	Item No.
50	223	178	253	160	14	166 30 50
65	378	190	295	160	16	166 30 51
80	572	203	356	200	18	166 30 52
100	894	229	411	200	23	166 30 53
125	1,396	254	489	250	31	166 30 54
150	2,049	267	563	250	50	166 30 55
200	3,575	292	704	280	68	166 30 56
250	5,586	330	865	370	101	166 30 57
300	8,043	356	995	370	150	166 30 58
350	10,947	381	850	460	360	166 30 59
400	14,299	406	940	460	450	166 30 60
450	18,096	432	1,039	460	560	166 30 61
500	22,341	457	1,134	640	633	166 30 62
600	32,172	508	1,280	900	985	166 30 63

Flow Chart

Pressure drop



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