Cast steel globe valves flanged PN 40



Art. 540

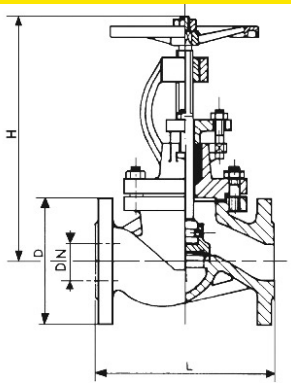
Flanges: UNI EN 1092-2 PN 40
Design: EN 1074
Face to face length: EN 558-1 serie 1
Installation: horizontal / vertical, with the flow following the direction of the arrow. When working pressure exceeds below indicated limits, valves must be installed in opposite direction, with pressure over the shutter, and balance disc type compulsory.
APPLICATIONS • Oil & refineries • Water • Steam • Industry

These cast steel on-off globe valves are provided with a stem packing which may require maintenance. For diameters higher than DN 100, we provide the globe valve with balance disc, to facilitate the opening; in this case the valve has to be mounted in the opposite direction, with pressure over the shutter. Handwheel operated. These globe valves can be applied for water, steam, not aggressive fluids, temperature and working pressure according to DIN 2401 part 2.

Materials

body	cast steel GS-C25, GP-240-GH
bonnet	cast steel GS-C25, GP-240-GH
handwheel	cast iron GG25, EN-GJL-250
stem	stainless steel X 20 CR 13
body and disc facing	stainless steel 304
disc	steel A182-F6
stem packing	graphite
bonnet gasket	graphite
painting	nitro enamel

Dimensions



DN	L mm.	H mm.	D mm.	Weight kg.
15	130	198	95	4
20	150	198	105	5.5
25	160	198	115	7
32	180	273	140	9.5
40	200	292	150	12
50	230	295	165	17.5
65	290	345	185	25
80	310	395	200	33.5
100	350	445	235	48
125	400	500	270	71
150	480	575	300	93.5
200	600	680	375	173.5
250	730	740	450	250
300	850	780	515	320
350	980	980	580	380
400	1100	1150	660	490

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa	
mm	BAR	body	seat	120°C	400°C
15 - 300	40	6,0	4,4	4,0	2,1
350 - 400	25	3,75	2,75	2,5	1,3

DN mm.	125-150	175-200	250-300	400
Atm.	30-21	18-14	9-6	3

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