Cast iron globe valves flanged PN 16



Art. 516

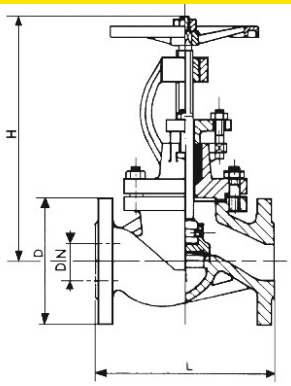
Flanges: UNI EN 1092-2 PN 16
Design: EN 1074
Face to face length: EN 558-1 serie 1
Installation: horizontal / vertical, with the flow following the direction of the arrow. When working pressure exceeds below indicated limits, valves must be installed in opposite direction, with pressure over the shutter, and balance disc type compulsory.
APPLICATIONS • Oil & refineries • Water • Steam • Industry

Cast iron globe valves are traditionally selected for on-off purpose. For diameters higher than DN 150, the globe valve is equipped with balanced 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. Graphite rings are easily replaceable for maintenance. 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 iron GG25, EN-GJL-250
bonnet	cast iron GG25, EN-GJL-250
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	188	95	4
20	150	188	105	4
25	160	196	115	5
32	180	207	140	8
40	200	254	150	10
50	230	266	165	13
65	290	300	185	17.5
80	310	336	200	30
100	350	377	220	41
125	400	430	250	61
150	480	474	285	87
200	600	607	340	157
250	730	670	405	204.5
300	850	750	460	220

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa	
mm	BAR	body	seat	120°C	200°C
15 - 300	16	2,4	1,76	1,6	1,3

DN mm.	250	300	350	400
Atm.	9	6	4	3

Valvotubi ind. S.r.l. ®
Via M.Monti 30/b
48123 Ravenna, Italy

ph +39 0544 452279
fax +39 0544 451148

info@valvotubi.it
www.valvotubi.it