



CAST IRON ARMATURE BULGARIA® SA

7800 Popovo, Industrial zone

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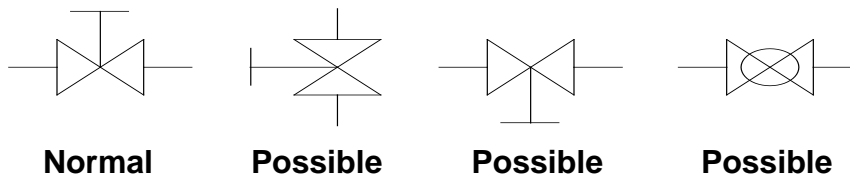
CAST IRON GLOBE VALVE FOR AMMONIA	DN	PN
SERIES 144	15-150	16

APPLICATION

The valves are a pipeline fixture for letting out, stopping, and fluid stream regulation, whose shutting device moves perpendicular towards the sealing rings (the saddle). They are implemented as shut-off devices in refrigeration installations, through which is transported liquid or gaseous ammonia, at pressure not exceeding PN 16. This type can be used in other cases, where higher density of thesealing surfaces and the gland chamber are required. There is possibility for change of the gland packing under pressure. In case of full open valve the Teflon ring of the stem provides sealing with the bonnet. Operation temperature is from -40°C to 120° C.



INSTALLATION



MATERIALS FOR MAJOR DETAILS

No.	Detail	Material	Number	Standard
1	Body	EN-GJL-250	5.1301	BDS EN 1561
2	Body ring	X8CrNiTi18-10	1.4878	BDS EN 10088-1
3	Saddle	S275JR	1.0044	BDS EN 10025-2
4	Sealing ring	Teflon		
5	Stem	X20Cr13	1.4021	BDS EN 10088-1
6	Bonnet	EN-GJL-250	5.1301	BDS EN 1561
7	Sealing nut	S275JR	1.0044	BDS EN 10025-2
8	Hand reel	EN-GJL-250	5.1301	BDS EN 1561
	Construction lengths			BDS EN 558 + A1
	Flanges			BDS EN 1092-2
	Coating	alkyd enamel RAL 7005		



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DIMENSIONS

DN	D1	D2	D3	L	H	n	d	b	Dk
15	95	65	45	130	175	4	14	14	100
20	105	75	58	150	165	4	14	16	100
25	115	85	68	160	165	4	14	16	100
32	140	100	78	180	230	4	18	18	140
40	150	110	88	200	225	4	18	18	140
50	165	125	102	230	235	4	18	20	160
65	185	145	122	290	280	4	18	20	200
80	200	160	138	310	280	8	18	24	200
100	220	180	158	350	340	8	18	24	240
125	250	210	188	400	350	8	18	26	240
150	285	240	212	480	460	8	22	26	300

