



CAST IRON ARMATURE BULGARIA® SA

7800 Popovo, Industrial zone

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FULL-LIFT SPRING SAFETY VALVE	DN	PN
SERIES 510	32-100	10/16

APPLICATION:

This type of safety valves are designed for mounting on steam boilers, pipelines and other vessels under pressure, for transportation of water, steam, non-aggressive gasses and liquids, at a pressure not exceeding PN 10.

They automatically release the excessive pressure in the case of critical increase above the initial fixed settings from 2 to 10 kg/cm². The operating temperature is up to T_{max} 200°C.



INSTALLATION

Mounting of the valve is strictly in vertical position of the stem.

MATERIALS FOR MAJOR DETAILS

No	Detail	Material	Number	Standard
1	Body	EN-GJL-250	5.1301	BDS EN 1561
2	Saddle	X20Cr13	1.4021	BDS EN 10088-1
3	Valve	X20Cr13	1.4021	BDS EN 10088-1
4	Flange	EN-GJL-250	5.1301	BDS EN 1561
6	Stem	X20Cr13	1.4021	BDS EN 10088-1
8	Bonnet	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	DN*	D1*	D2*	D3*	L	H
32	140	100	78	50	140	110	90	105	480
40	150	110	88	65	160	130	110	115	525
50	165	125	102	80	190	150	128	125	556
65	185	145	122	100	210	170	148	145	686
80	200	160	138	125	240	200	178	155	712
100	220	180	158	150	265	225	202	175	760

