



Shanghai Tianfa Trading Co., Ltd.

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Closed spring loaded full bore type safety valve

Nominal Diameter DN (mm)	Dimensions (mm)			
	d ₀	L	L ₁	DN'
25	15	110	95	32
32	20	115	100	40
40	25	120	110	50
50	32	165	120	65
65	40	160	135	80
80	50	170	135	100
100	65	195	175	125
125	80	210	190	150
150	100	255	230	175
200	125	300	260	250
250	150	350	320	300
300	200	380	350	400
350	300	500	450	500
400	350	500	450	500

Materials for main parts

No.	Name of part	A42Y-C A48Y-C KA42Y-C Materials	A42Y-P/KA42Y-P Materials	A42Y-R Materials	DA42Y-P Materials
1	Nozzle	2Cr13/1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni9Ti
2	Body	WCB	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	LCB/ZG1Cr18Ni9Ti
3	Adjusting ring	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
4	Disc holder	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
5	Disc	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
6	Guide sleeve	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
7	Bonnet	ZG230-450	ZG230-450	ZG230-450	ZG1Cr18Ni9Ti
8	Spring	50CrVA	Coated Teflon	Coated Teflon	50Cr18Ni9Ti
9	Stem	2Cr13	1Cr18Ni9Ti/1Cr18Ni12Mo2Ti	1Cr18Ni9Ti/1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
10	Adjusting bolt	45	2Cr13	2Cr13	2Cr13
11	Cap	ZG200-400	ZG200-400	ZG200-400	ZG230-450
Sealing surface of material		Depositing satellite			