

## SAFETY VALVE (RELIEF VALVE)

### Safety Valve (Relief Valve)

Safety valve, also names as relief valve, is utilized as an ideal device for over-pressure protection. Safety valve automatically opens and fully discharges to ensure the equipment pressure staying at a safe level when an equipment pressure lowers to the setting valve. For safety valve with a wrench, it also can be opened manually when the medium's pressure is up to over 75% of that at which the valve opens.



Safety valve (relief valve)

#### Technical data of Safety Valve ( Relief Valve):

Design standard	API RP520
Structural length	API 526
Flanged ends	ASME B16.5a
Test and inspection	API 527

Note: The dimension of the connecting flange can be custom designed according to specific requirement.

#### Major components breakdown of Safety Valve (Relief Valve):

No.	Description	Material							
		C	C6	S	SM	SL	Mc	M	H
1	Body	WCB	WCB	CF8	CF8M	CF3M	WCB	Monel	Hast C
2	Seat	304/316	304/316	316	316L	316L	Monel	Monel	Hast C
3	Adjusting	CF8	CF8	CF8M	CF8M	CF3M	CF8M	Monel	Hast C
4	Valve clack	304	304	316L	316L	316L	630	Monel	Hast C
5	Valve clack holder	420	420	630	630	316L	316L	Monel	Hast C
6	Guide	304	304	304	316	316L	316	Monel	Hast C
7	Spring seat	WCB	WCB	420	420	420	420	420	420
8	Spring	50CrVA							
9	Stem	420							
10	Bonnet	WCB	WC6	CF8	CF8M	CF3M	WCB	Monel	Hast C
11	Bellows	316L						Monel	Hast C

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