

## SAFETY VALVES

### Carbon Steel, Flanged

VS-EMV-TKLS-FL-KÇ

#### Design

Size : VARNASAN  
Connection : EN 1092 - 1

#### Technical Features

Working Pressure : PN16, PN40  
Working Temperature : -30°C / +180°C  
Material : Carbon Steel

#### Certificate

CE0042, TS EN 10204 3.1

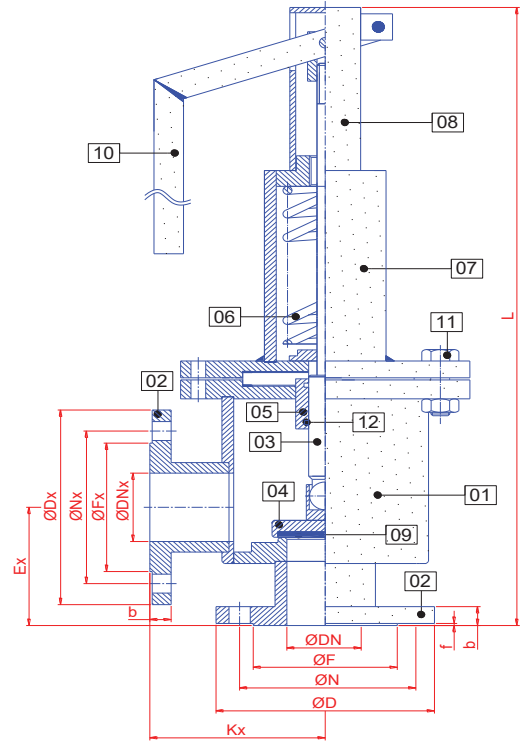
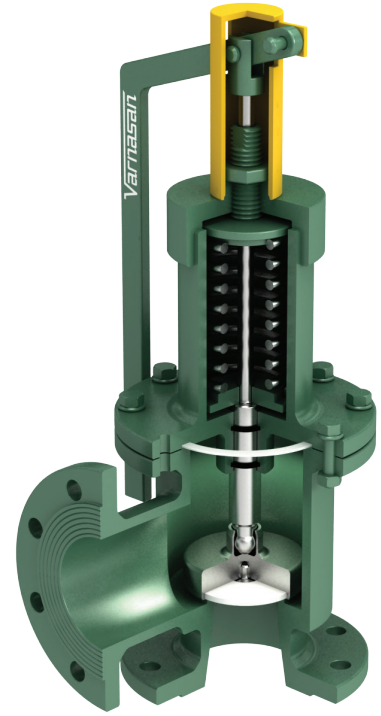
#### Application

Hot water, cold water, compressed air, fuel oil, ceramic etc.

#### Working Pressure

DN15 - DN65 : 4 - 16 Bar  
DN80 - DN100 : 16 - 20 Bar  
Max. : 20 Bar

NO	PART NAME	CARBON STEEL
1	BODY	ST 37
2	CAP	ST 37
3	SHAFT	AISI 316/304
4	DISC	AISI 316/304
5	BALL SHAFT	ST 37
6	SPRING	SPRING STEEL
7	UPPER BODY	ST 37
8	UPPER COVER	ST 37
9	DISC SEAT	PTFE
10	VALVE HANDLE	ST 37
11	CONNECTION ELEMENT	8.8 STEEL
12	O-RING	VITON



TYPE	INPUT									OUTPUT								
	DN	L	ØDN	ØD	ØN	ØF	b	ØM	MN	ØDN	ØD	ØN	ØF	b	ØM	MN	Ex	Kx
SAFETY VALVES CARBON STEEL - FLANGED	DN 15-25	357	15	95	65	45	12	14	4	25	115	85	68	16	14	4	58	80
	DN 20-32	376	20	105	75	58	16	14	4	32	140	100	78	16	18	4	65	85
	DN 25-40	428	25	115	85	68	16	14	4	40	150	110	88	16	18	4	72	95
	DN 32-50	439	32	140	100	78	16	18	4	50	165	125	102	18	18	4	75	110
	DN 40-65	445	40	150	110	88	16	18	4	65	185	145	122	18	18	4	78	110
	DN 50-80	557	50	165	125	102	18	18	4	80	200	160	138	20	18	8	91	120
	DN 65-100	594	65	185	145	122	18	18	4	100	220	180	158	20	18	8	96	135
	DN 80-125	594	80	200	160	138	20	18	8	125	250	210	188	20	18	8	104	152
	DN 100-150	616	100	220	180	158	20	18	8	150	285	240	212	20	22	8	129	172