

# SAFE

ARI-SAFE- Full lift safety valve D/G  
Standard safety valve F

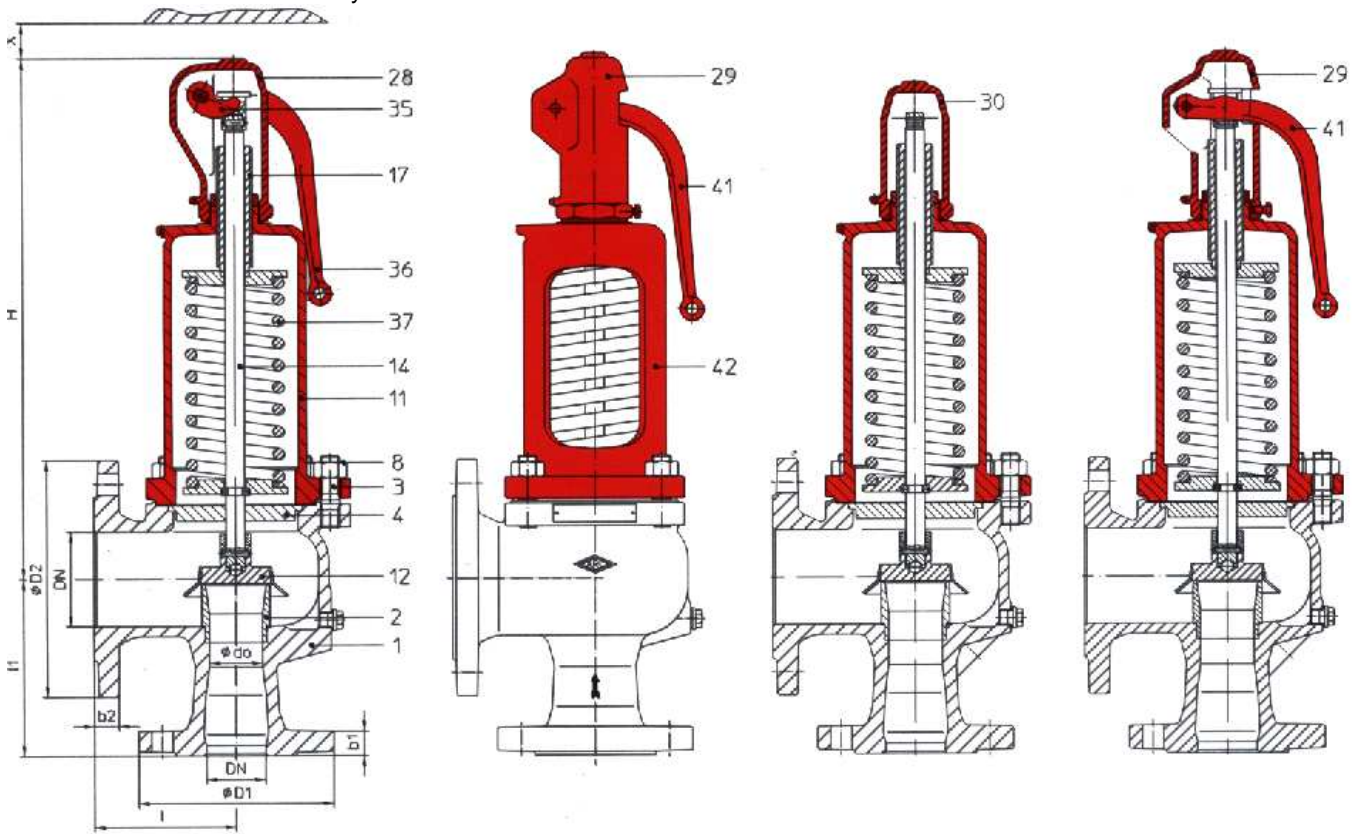


Fig..901  
closed lifting device  
closed bonnet

Fig..902  
open lifting device  
open bonnet

Fig..911  
gastight cap  
closed bonnet

Fig..912  
open lifting device  
closed bonnet

Figure	Nom. Pressure	Material	Nominal diameter	Temperature range	Flanges
12.901 / 902 / 911 / 912	PN 16 / 16	GG-25	DN 20/32 up to DN 150/250	-10°C up to +300°C	DIN 2533 / 2533
25.901 / 902 / 911 / 912	PN 40 / 16	GGG-40.3	DN 20/32 up to DN 100/150	-10°C up to +350°C	DIN 28607 / 28605
35.901 / 902 / 911 / 912	PN 40 / 16	1.0619+N	DN 20/32 up to DN150/250	-10°C up to +450°C	DIN 2545 / 2543
55.901 / 911	PN 40 / 16	1.4408	DN 20/32 up to DN 100/150	-60°C up to +400°C	DIN 2545 / 2543
Type-test approval	Full lift valve:	TUV - SV ...-663 · D/G		(Stand. Valve 0,2-0,5 bar)	set gauge pressure see
	Standard valve:	TUV - SV ...-729·F		DN 20-150	„Capacity“
Requirement	Acc. To VdTUV-leaflet 100, AD-leaflet A2, TRD 421, material selection observe TRB 801 No. 45!				
Application	GG-25; GGG-40.3; 1.0619+N	steam, neutral gases, vapours and liquids			
	1.4408	steam, aggressive gases, vapours and liquids			
	CE-marking for applications acc. To Pressure Equipment Directive				
Construction	Safety valve, spring loaded, direct loaded				
Sizing	For steam, air and water see capacity tables, calculation acc. To DIN 3320 part 1, TRD 421 and AD-A2,				
	necessary information for valve layout:				
Medium gasform:	Mass flow (kg/h), molar mass (kg/mol), temperautre (°C), set gauge pressure (bar), bac k gauge pressure (bar)				
Medium liquid:	Mass flow (kg/h), density (kg/m³), viscosity, temperature (°C), Set gauge pressure (bar ), back gauge pressure (bar)				
Order data:	ARI-SAFE-safety valve - Figure.....,DN../....,PN../...Material.....,set gauge pressure....bar				

DN	20/32	25/40	32/50	40/65	50/80	65/100	80/125	100/150	125/200	150/250
Weight(kg)	8,5	10	14	20	28	40	53	80	125	165
Weight, bellow design (kg)	9,5	11,5	16	22,5	32	47	59	90	-	-
Allowed statical stability valve outlet 20°C	GG, GGG, 1.0619+N	16 bar			13 bar	12 bar	10 bar	8 bar	-	
		1.4408	16 bar			10 bar		-		