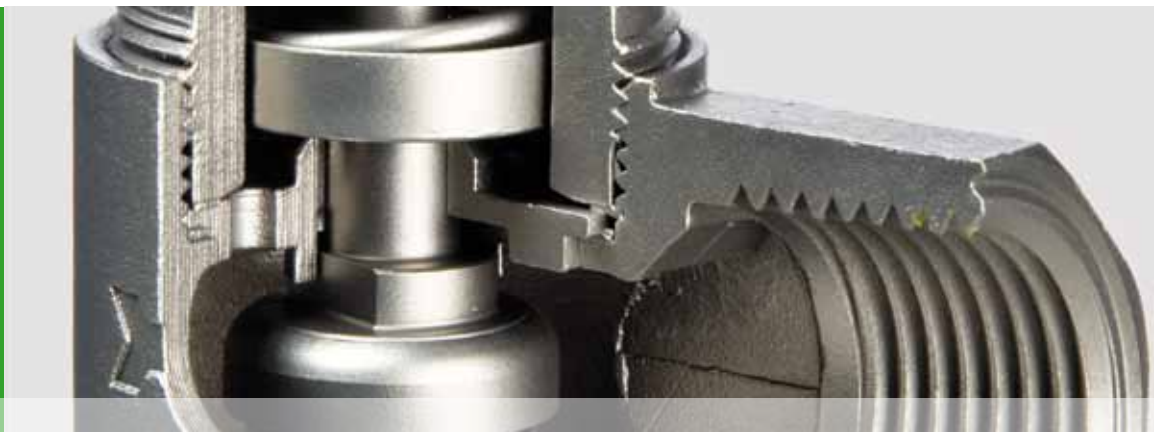


Safety Valves

News
2010



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Type 06506

Safety Valves, stainless steel, type tested TÜV-SV. 948. F/K/S

Standard safety valve with FPM valve seal, closed bonnet, with diaphragm for protection of the spring, with lifting device, discharge holes with protection cap
Inlet: male thread type G (BSPP)

Applications:

Provided as safety device for protection against excessive pressure in vehicle containers and pressure vessels. Approved for liquid, granular and powdery goods

Working temperature: -40° C / -40° F (233 K) up to +150° C / +302° F (423 K)

Nominal size: 1" up to 1-1/2"

Set pressure range: 0.5 up to 6 bar

Materials	DIN EN	ASTM
Body	1.4408	SA 351.CF8M
Valve seal	FPM (Viton-GLT)	
Disc	1.4401	SA 479.316



Type 06219

Safety Valves, brass, type tested TÜV-SV. 1090. S/G

Standard safety valve with PTFE O-Ring valve seal, open bonnet, with discharge holes, with lifting device
Inlet: male thread type G (BSPP)

Applications:

Provided as safety device for protection against excessive pressure in stationary and moveable pressure vessels. Approved for air and similar gases

Working temperature: -60° C / -76° F (213 K) up to +150° C / +302° F (423 K)

Nominal size: 3/4"

Set pressure range: 3.5 up to 17 bar

Materials	DIN EN	ASTM
Body	CW617N	B283 UNS C38000
Valve seal	PTFE O-Ring	
Disc	CW614N	B283 UNS C38500



Protection cap for free blow off Safety Valves Type 55177

for safer discharge of the mass flow from free blow off safety valves
applicable for types: 06216, 06217, 06218, 06219, 06226, 06227

Material: polycarbonate (PC), UV resistant

max. temperature range: -60° C / -76° F (213 K) up to +130° C / +266° F (403 K)

incl. locking pin

Possibility to refit already installed safety valves

Valves for cryogenic service
and pressure vessels



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Type 06383

Cryogenic Safety Valves, angle type, stainless steel, PN50, type tested TÜV-SV. 780. S/G
 Full lift safety valve, orifice $d_0=23$ mm standard safety valve, with carbon filled PTFE valve seal, closed bonnet, with cap, cleaned and degreased for oxygen service
 Inlet: male thread type G (BSPP), type R (BSPT) or NPT
 Outlet: male thread type G (BSPP) or NPT

Applications:
 Provided as safety device for protection against excessive pressure in stationary and moveable gas cylinders. Approved for air gases, vapours and cryogenic liquefied gases incl. LNG

Working temperature: -196° C / -321° F (77K) up to +185° C / +365° F (458 K)
Nominal size: 1/2" up to 1-1/2"
Set pressure range: 2 up to 50 bar

Materials	DIN EN	ASME / ASTM
Outlet body	1.4308	SA 351 CF8
Inlet body	1.4301	SA 479.304
Valve seal	PTFE/Elektrocarbon (25 %)	
Disc	1.4301	SA 479.304



Type 06011

Cryogenic Safety Valves, angle type, stainless steel, PN63, type tested TÜV-SV. 1048. S/G/L
 Standard safety valve, complete with carbon filled PTFE valve seal, closed bonnet, with cap, cleaned and degreased for oxygen service
 Inlet: male thread type G (BSPP), type R (BSPT) or NPT
 Outlet: female thread Rc 3/8

Applications:
 Provided as safety device for protection against thermal expansion in pipeworks and parts of facilities. Approved for air gases, vapours and cryogenic liquefied gases incl. LNG

Working temperature: -196° C / -321° F (77K) up to +65° C / +149° F (338 K)
Nominal size: 1/4" up to 1/2"
Set pressure range: 5 up to 55 bar

Materials	DIN EN	ASTM
Body	1.4408	A 351 CF8M
Disc	PTFE/Carbon filled (25 %)	



Type 06012

Cryogenic Safety Valves, angle type, stainless steel, PN63, type tested TÜV-SV. 1048. S/G
 Standard safety valve, with carbon filled PTFE valve seal, open bonnet, with cap, cleaned and degreased for oxygen service
 Inlet: male thread type G (BSPP), type R (BSPT) or NPT
 Outlet: female thread Rc 3/8

Applications:
 Provided as safety device for protection against thermal expansion in pipeworks and parts of facilities. Approved for air gases, vapours and cryogenic liquefied gases incl. LNG.

Working temperature: -196° C / -321° F (77K) up to +150° C / +302° F (423 K)
Nominal size: 1/4" up to 1/2"
Set pressure range: 1 up to 55 bar

Materials	DIN EN	ASTM
Body	1.4408	A 351 CF8M
Valve seal	PTFE/Carbon filled (25 %)	
Disc	1.4301	A 276 Grade 304



Type 06016

Cryogenic Safety Valves, angle type, stainless steel, PN63, type tested TÜV-SV. 1048. S/G
 Standard safety valve, with carbon filled PTFE valve seal, open bonnet, with lifting device, cleaned and degreased for oxygen service
 Inlet: male thread type G (BSPP), type R (BSPT) or NPT
 Outlet: female thread Rc 3/8

Applications:
 Provided as safety device for protection against thermal expansion in pipeworks and parts of facilities. Approved for air gases, vapours and cryogenic liquefied gases incl. LNG

Working temperature: -196° C / -321° F (77K) up to +150° C / +302° F (423 K)
Nominal size: 1/4" up to 1/2"
Set pressure range: 1 up to 55 bar

Materials	DIN EN	ASTM
Body	1.4408	A 351 CF8M
Valve seal	PTFE/Carbon filled (25 %)	
Disc	1.4301	A 276 Grade 304

