

Clean Service , Type 483



Clean Service

Type 483

Safety valves from the Clean Service product group were specially developed for the food, beverage, and pharmaceutical industries and meet all the relevant standards and regulations such as DIN 11866 or ASME BPE. With a low deadspace inlet area, the unique LESER HyTight assembly, and the optional pneumatic lifting device you have very good cleanability (CIP, SIP). With a large selection of aseptic connections (threaded, flanged, or clamped) the valve can be optimally fitted to different requirements.

Approvals



Industries

- Food and Beverage Industry
- Pharmaceutical Industry
- Chemical Industry

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Datasheet

Product info	Metric unit	US unit
Key feature	Small to medium capacity, best cleanability and a variety of aseptic connections	Small to medium capacity, best cleanability and a variety of aseptic connections
Nominal diameter inlet	DN 25 - DN 40	1" - 2"
Nominal diameter inlet - Thread		
Nominal diameter inlet - Flange		
Orifice	D - F	D - F
Pressure		
Actual orifice diameter d0	13 - 25 mm	0.512 - 0.984 in
Actual orifice area A0	133/ 491 mm ²	0,206/ 0,761 in ²
Pressure	0,1 - 16 bar	1,5 - 232 psig
Temperature acc. to DIN EN	-45 to 150 °C	-49 to 302 °F
Body material	1.4435 (BN2)	SA 479 316L
Valve connection	Clamps acc. to ASME BPE, DIN 32676, ISO 2852, Aseptic clamps acc. to DIN 11864 T1 Series A or B (with nut) or DIN 11851, Neumo Sterile thread (with nut), Welded end connection acc. to DIN 11850, Flange acc. to DIN 11864 T2 Series A or B, Aseptic flange Nut flange, Smooth flange, Varivent connection	Clamps acc. to ASME BPE, DIN 32676, ISO 2852, Aseptic clamps acc. to DIN 11864 T1 Series A or B (with nut) or DIN 11851, Neumo Sterile thread (with nut), Welded end connection acc. to DIN 11850, Flange acc. to DIN 11864 T2 Series A or B, Aseptic flange Nut flange, Smooth flange, Varivent connection
Bellows	EPDM, FFKM (only d0 = 13 mm)	EPDM, FFKM (only d0 = 13 mm)
Type of loading	Spring loaded	Spring loaded
Approvals	PED/ DIN EN ISO 4126-1, PED/ AD 2000-Merkblatt A2, ASME Sec. VIII Div. 1, CRN, AQSIQ, EAC	PED/ DIN EN ISO 4126-1, PED/ AD 2000-Merkblatt A2, ASME Sec. VIII Div. 1, CRN, AQSIQ, EAC
Specials	HyTight Assembly Designed and manufactured acc. to: DIN 11866, ASME BPE, EN 1672-2, DIN ISO 14159, USP class VI and FDA 21 CFR	HyTight Assembly Designed and manufactured acc. to: DIN 11866, ASME BPE, EN 1672-2, DIN ISO 14159, USP class VI and FDA 21 CFR

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Options

Feature		Option Code	
Disc	Soft seal "HyTight Assembly" CR „K”	J21	
	Soft seal "HyTight Assembly" EPDM „D”	J22 (Standard)	
	Soft seal "HyTight Assembly" FFKM „C”	J20	
	Soft seal "HyTight Assembly" FKM „L”	J23	
	Soft seal "HyTight Assembly" NBR „N”	J30	
Bellows	Elastomer bellows EPDM	J79 (Standard)	
Caps and levers	Caps H2		
	Packed lever H4		
	Pneumatic lifting device H8		
	Pneumatic lifting device double piston design H8	J41	
Test gag	for Cap H2	J70	
	for Packed lever H4	J69	
Lift indicator	for Bonnet	J38J93	
Lift stopper		J51	
Connections	Clamp connection: DIN 32676, ASME BPE, ISO 2852 (combinations on request or in catalog)	diverse	
	Threaded connection: DIN 11864, DIN 11851 or Neumo-Connection (combinations on request or in catalog)	diverse	
	Welded end: DIN 11850 (combinations on request or in catalog)	diverse	
	Flanged connection: DIN 11864, Varivent-Connection (combinations on request or in catalog)	diverse	
Free of oil and grease	–	J85	
LESER Surface package	Clean finish	B53	
	HyClean finish	B54	
	Sterile finish	B55	
Special materials	Hastelloy® C4/ 2.4610		
	Monel® 400/ 2.4360		
	Duplex / 1.4462		