

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

Further Links

[Katalog Clean Service \[DE\]](#)[Instructions \[EN, DE, FR, ES, RU, CN\]](#)[Stückliste Type 483 \[DE\]](#)

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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 mm²	0,206/ 0,761 in²
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, TR/ RTN, GOSPROMNADZOR	PED/ DIN EN ISO 4126-1, PED/ AD 2000-Merkblatt A2, ASME Sec. VIII Div. 1, CRN, AQSIQ, TR/ RTN, GOSPROMNADZOR
Specials	HyTight Assembly Designed and manufactured acc. to: DIN 11866, ASME BPE, EN 1672-2, DIN ISO 14159,	HyTight Assembly Designed and manufactured acc. to: DIN 11866, ASME BPE, EN 1672-2, DIN ISO 14159,

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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	diverse
	(combinations on request or in catalog)	
	Threaded connection: DIN 11864, DIN 11851 or Neumo-Connection	diverse
	(combinations on request or in catalog)	
	Welded end: DIN 11850	diverse
	(combinations on request or in catalog)	
	Flanged connection: DIN 11864, Varivent-Connection	diverse
	(combinations on request or in catalog)	
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	