

Type 459 IC



Type 459 IC

LESER India Type 459 IC is a threaded or flanged safety valve with compact dimensions for economical protection of small and mid sized capacities for thermal applications. Available with UV stamp.

Approvals

UV stamp according to ASME Section VIII Division 1, National Board certified capacities

IBR Certificate Form III C (without attachment 11)

Chief Controller of Explosives (CCoE/PESO)

Industries

- Thermal relief applications for Oil & Gas
- Utility steam
- Air / gas compressors
- Pump Discharge
- Mobile tank (transport system)
- Chemical equipment and piping
- Pressure vessels
- LPG / LNG terminals, carriers etc.
- Cryogenic system and oxygen applications

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Datasheet

Product info	Metric unit	US unit
Key feature	Compact dimensions for small and midsized capacities	Compact dimensions for small and midsized capacities
Nominal diameter inlet		
Nominal diameter inlet - Flange	DN 15	3/4 "
Nominal diameter inlet - Thread	DN 15	3/4 "
Orifice		
Actual orifice area A ₀	133 mm ²	0.206 in ²
Actual orifice diameter d ₀	13.0 mm	0.512 in
Set Pressure	0.2 - 100 bar	3 - 1450 psig
Pressure		
Flange rating inlet	CL150 - CL600	CL150 - CL600
Temperature acc. to DIN EN		
Temperature acc. to ASME	-196 to 427 °C	-321 to 801 °F
Material outlet body		SA 216 WCB, SA 351 CF8M
Material inlet body		SA 479 316L
Body material		
Valve connection	Thread acc. to DIN ISO 228-1, ISO 7-1 / BS 21 or ASME B1.20.1 Flange acc. to ASME B 16.5	Thread acc. to DIN ISO 228-1, ISO 7-1 / BS 21 or ASME B1.20.1 Flange acc. to ASME B 16.5
Bellows	On Special Demand	On Special Demand
Approvals	UV stamp acc. to ASME Section VIII Division 1, National Board certified capacities IBR Certificate Form III C (without attachment 11) Chief Controller of Explosives (CCoE/PESO) Third party inspections possible	UV stamp acc. to ASME Section VIII Division 1, National Board certified capacities IBR Certificate Form III C (without attachment 11) Chief Controller of Explosives (CCoE/PESO) Third party inspections possible
Type of loading	Spring loaded	Spring loaded

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Options

Feature		Option Code
Disc	with soft sealing O-ring CR „K”	FW3
	with soft sealing O-ring EPDM „D”	FW9
	with soft sealing O-ring FKM „L”	FW1
	with soft sealing O-ring FFKM „C”	FW2
Test gag	for cap H2	F5H
	for lifting lever H4	F5H
Caps and levers	Screwed cap H2	FF2
	Screwed packed lever	FF3