

## Thermal pressure relief device



- Inlet port size: cone thread for 9/16" - 18 UNF high pressure tubing
- Outlet port: 3/8" NPT for 2,4 mm 9/16" UNF for 7,0 mm
- Allow relief of pressure in case of accidental temperature increase
- Robust corrosion resistant design
- Stainless steel body
- 875 bar working pressure
- Proven IMI high pressure sealing technology ensures TPRD is both internally and externally leak tight
- Eutectic technology ensures accuracy and precision of the setting temperature
- Unaffected by shock or vibration

### Technical features

**Medium:**  
Hydrogen,  
neutral non-aggressive gases

**Thermal fuse:**  
129°C ±3°C  
110°C ±3°C


**Ambient/Media temperature:**  
Fluid operating temperature:  
-40 ... +65°C (-40 ... +149°F)

**Material:**  
Body: Stainless steel 316L

**Maximum inlet pressure:**  
875 bar  
1050 bar

**Port size:**  
9/16-18 UNF cone thread  
Connector for 3/8" HP  
tubing 3/8" NPT  
Custom on request

### Technical data – standard models

Symbol	Port size (Inlet / Outlet)	Response temperature (°C)	Seat size (mm)	Working pressure (bar)	O-ring	Certification	Model
	9/16" UNF / 9/16" UNF	110	13/16" UN	875	EPDM	PED approved	X863IX00X001113
	9/16" UNF / 3/8" NPT	110	13/16" UN	730	EPDM	TPED & PED approved	X855IX00X001114
	9/16" UNF / 3/8" NPT	110	9/16" UN	1050	EPDM	PED approved	X855IX00X001115
	9/16" UNF / 3/8" NPT	129	9/16" UN	1050	EPDM	PED approved	X855IX00X001116

Dimensions

2,4 mm Seat

X855IX00X001115

X855IX00X001116

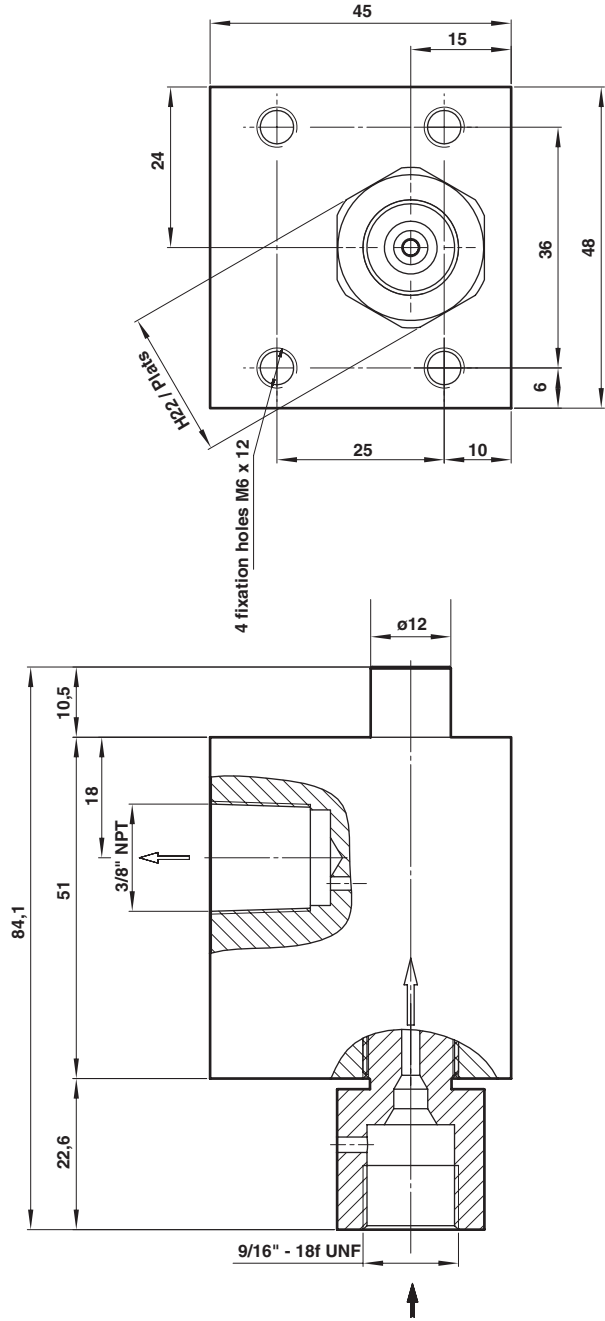
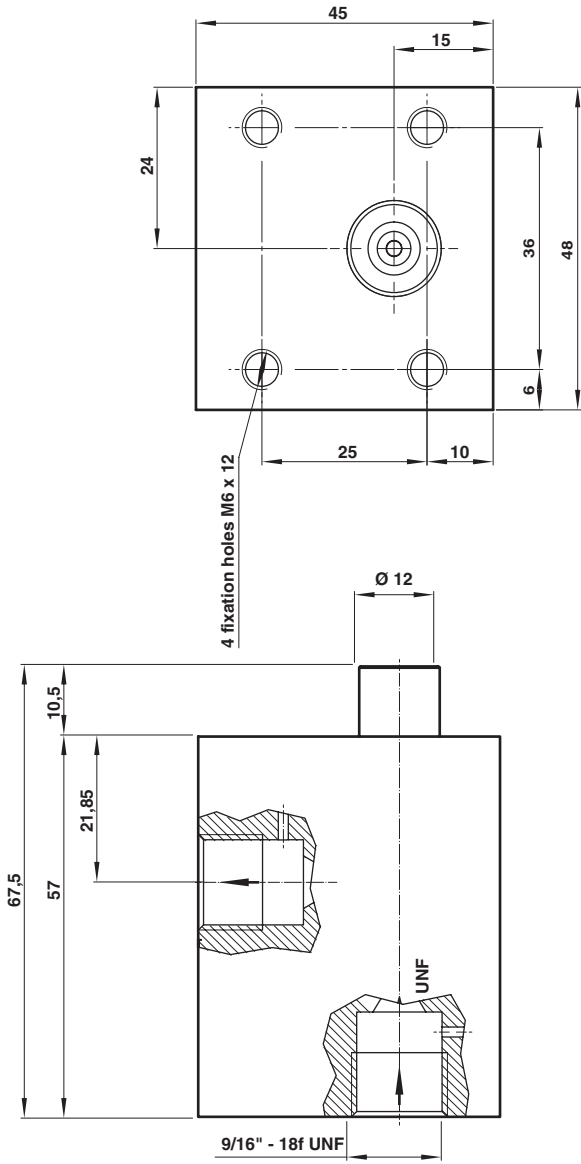
Dimensions in mm

Projection/First angle




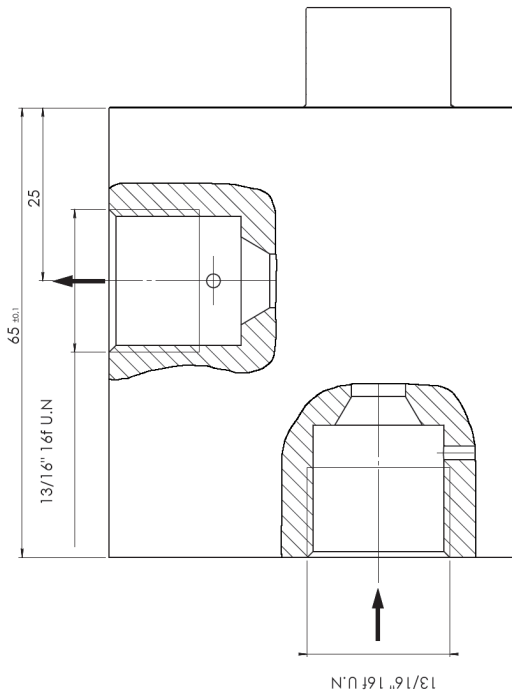
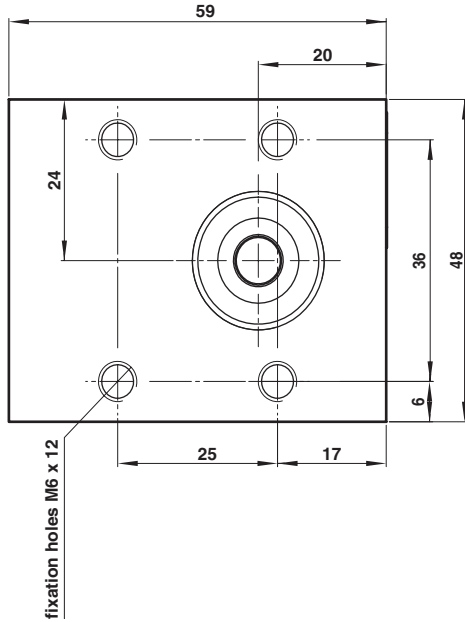
2,4 mm Seat

X855IX00X001114



7,0 mm Seat  
X855IX00X001113

Dimensions in mm  
Projection/First angle

## Warning

Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI, IMF sas.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure. System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.