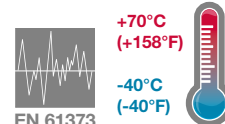


- > **Compact Design**
- > **Wide temperature and pressure range**
- > **Pre-set versions available on request**
- > **Complete with mounting screws and O-Rings**
- > **Shock & Vibration resistant to EN 61373, Category 1, Class A & B**
- > **Characteristics and requirements are in accordance with ISO 6953-1:2015**
- > **RoHS compliant**



Technical features

Medium:

Compressed air only

Maximum inlet pressure:

12 bar (174 psi)

Pressure range:

0,3 ... 10 bar (5 ... 145 psi)

Typical flow:

See below

Relieving:

Relieving and non-relieving

Filtration:

Installation of at least a 40 µm prefilter is recommended

Ambient temperature:

-40 ... +70°C (-40 ... +158°F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body: aluminium



Cap: aluminium

Valve: brass/low temp. nitrile

Elastomers: nitrile and EPDM (low temperatures)

Adjusting screw/lock nut: stainless steel

Technical data

	Port size	Flow *1) (dm³/s)	Weight (kg)	(lb)	Model
	Interface	6	0,11	0,24	SLA/15542/R
	Interface	6	0,11	0,24	SLA/15542/NR

*1) Typical flow with 10 bar (145 psi) inlet pressure, 6,3 bar (90 psi) set pressure and a 1 bar (14,5 psi) droop from set.

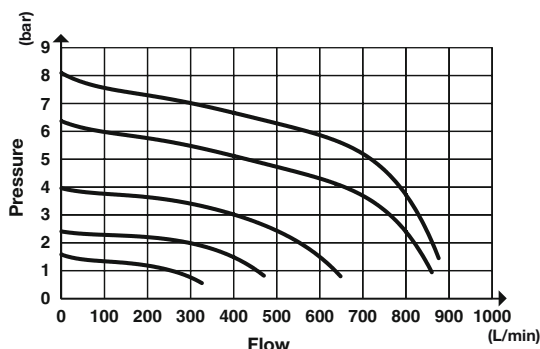
Option selector

SLA/15542/★

Diaphragm	Substitute
Relieving	R
Non-Relieving	NR

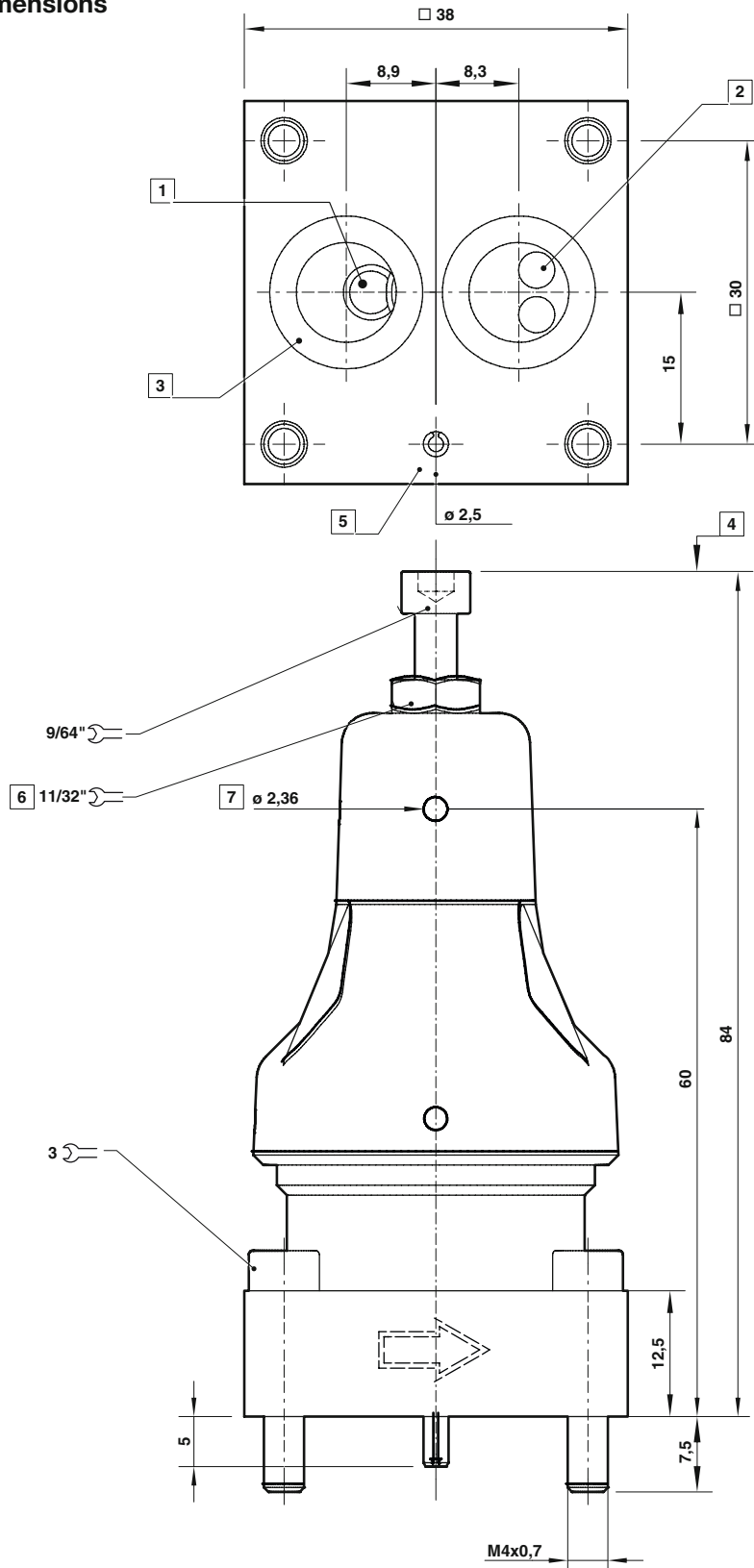
Flow Characteristics

Inlet pressure 10 bar



Basic dimensions

Dimensions in mm
Projection/First angle



- 1 Inlet port
- 2 Outlet port
- 3 2-off 'O'-rings (ø9.93 i/d x ø2.62)
included in the scope of supply
- 4 Adjustable section 9 mm
- 5 Location pin
- 6 Torque to 2Nm +/- 0.2Nm
- 7 Relief hole

Warning

These products are intended for use in industrial compressed air and rail transport systems only. 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 Precision Engineering, Norgren Ltd.

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.