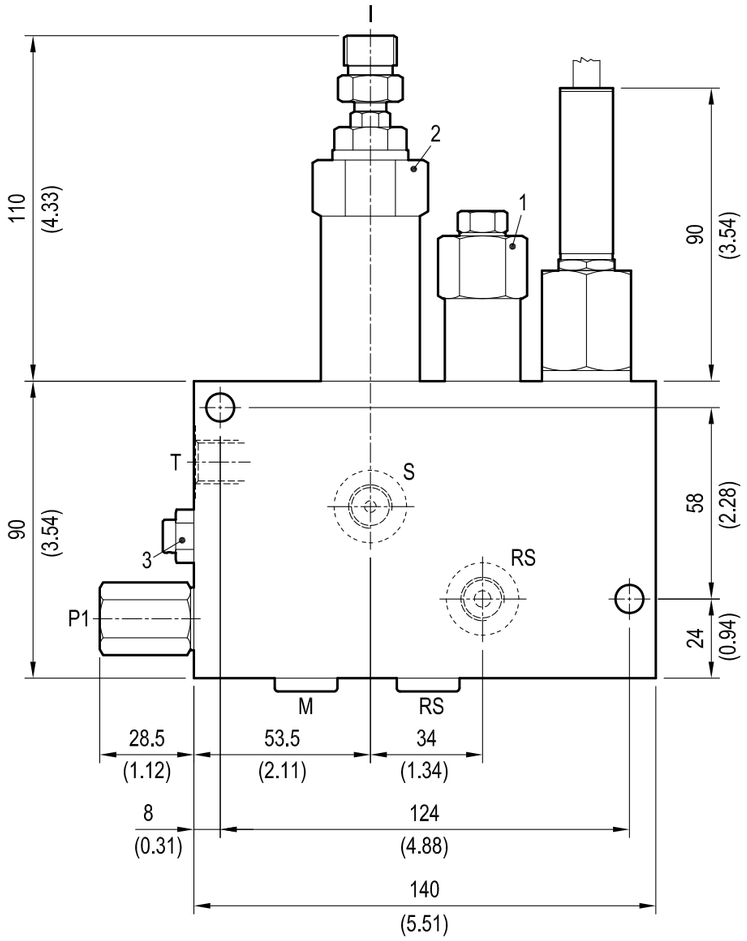

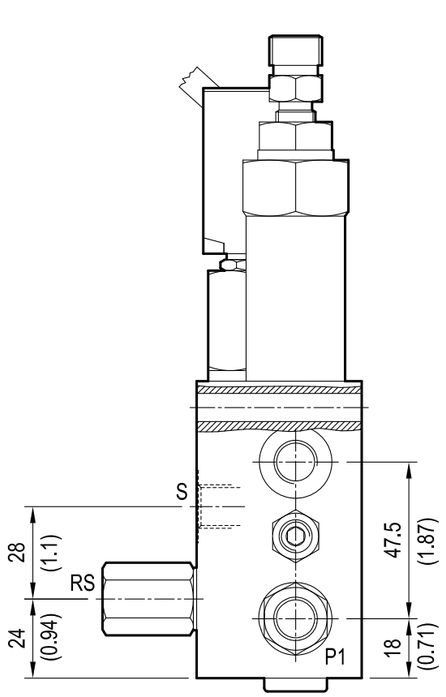

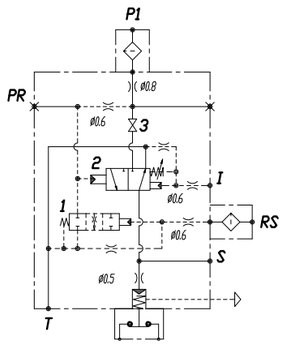

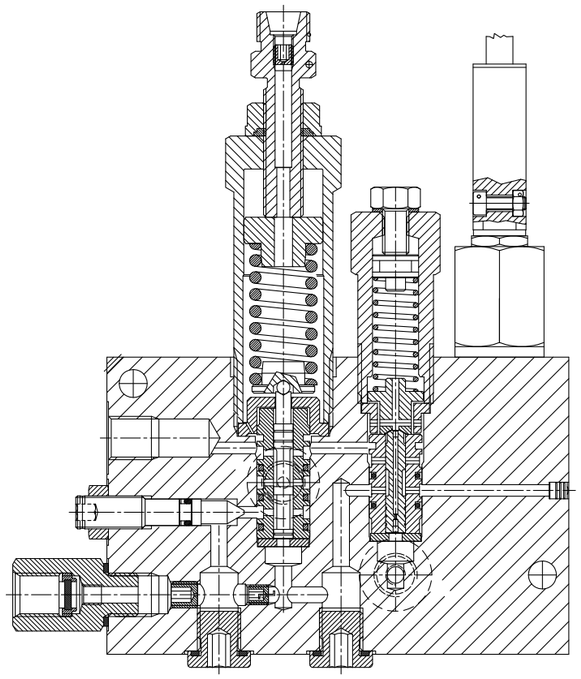

mm (inches)

For dimensions without tolerance, consider +/- 0.5 mm (0.02 inches)

Oil Control

Rexroth
Bosch Group

SEQUENCE ASSEMBLY FOR LOAD LIMITING SYSTEM

LME-IPRPF-AI-3-2-14-02 | **05.93.27.03.09.02.000**

Material number R930001886

TECHNICAL DATA

Max. operating pressure: 350 bar (5075 psi) | **Max flow:** 8 l/min (2.11 gpm)

	Setting bar (psi) - Q=5 l/min	Adj. pressure range bar (psi)	Pressure increase bar/turn (psi/turn)
Valve 2	280 (4060)	80-350 (1160)	18 (261)

Relief setting: at least 1.3 times the highest expected load.

Port size
S-T-P1-PR-RS-M: G 1/4
I: M16x1.5

Special for: HEILA

Material
Manifold: anodized aluminium.
External parts: zinc plated steel.

Note: aluminium bodies are suitable for max working pressure up to 350 bar conditional to application with limited fatigue life.

Weight: 2.6 kg (5.7 lbs)

Description

These special sequence valves deliver the pressure to the secondary circuit when the primary pressure has reached an adjustable pre-set value. With decreasing primary pressure they connect the secondary circuit to tank again. The basic pilot pressure setting can be compensated (increased) through the "I" port in order to take into account "induced" pressure. They are specially designed with minimized leakage and very limited hysteresis for applications as load limiting devices on truck loader cranes.

Note
"RS" port: For transient re-arming back from overload condition when first cylinder is pressurized at full stroke, and for hysteresis reduction. Microswitch with 5 m free lead.

Application

Truck loading cranes.