

UNLOADER VALVE, HYDRAULICALLY CONTROLLED
VMS - VS - 12
0701021700000B

Material number R930007680

TECHNICAL DATA

Max. operating pressure: 350 bar (5075 psi)		Max. flow: 30 l/min (8 gpm)	
Valve 1	Setting bar (psi) 40 (580)	Adj. pressure range bar (psi) 5 - 50 (73 - 725)	Pressure increase bar/turn (psi/turn) 12 (174)
Valve 2	Setting bar (psi) 180 (2610)	Adj. pressure range bar (psi) 50 - 210 (725 - 3045)	Pressure increase bar/turn (psi/turn) 47 (682)

Relief setting: at least 1.3 times the highest expected load

Port size

 P: G 1/2 ISO 1179-1
 T: G 3/8 ISO 1179-1
 Pil: G 1/4 ISO 1179-1

Special for: -

Material

 Manifold: anodized aluminium
 External parts: zinc plated steel
 Note: aluminium bodies are suitable for max working pressure up to 350 bar (5075 psi) conditional to application with limited fatigue life.

Weight: 1.9 kg (4.2 lbs)

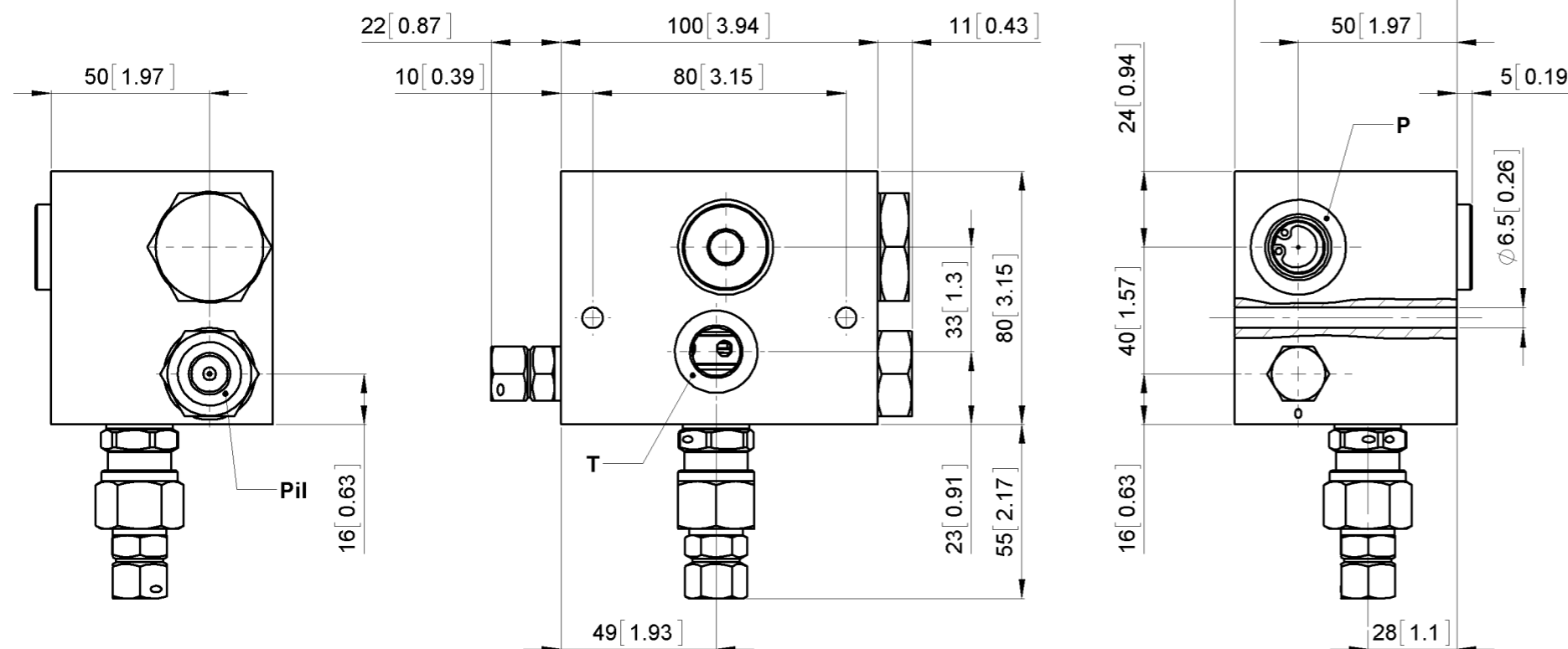
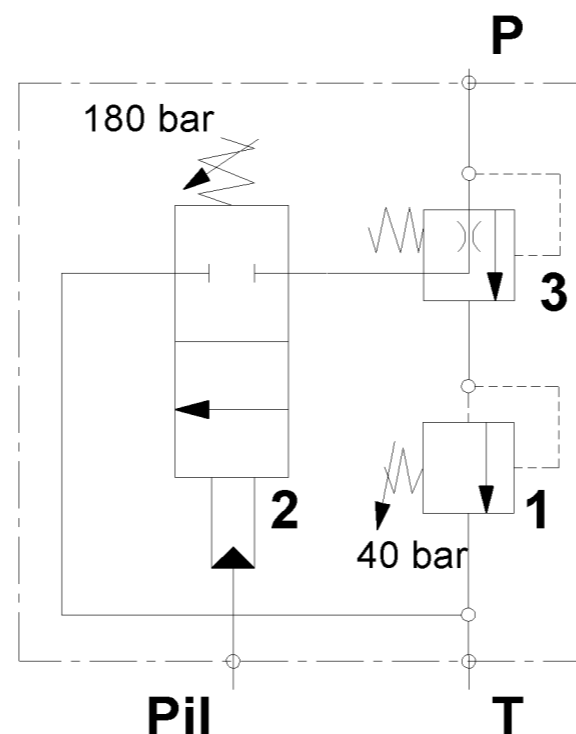
Hydraulic fluid / **Hydraulic fluid temperature range**

Mineral oil (HL, HLP) according to DIN 51524 / -30 to +100°C (-22 to 212°F)

Viscosity range / **Filtration**
 - / Class 18/16/13 according to ISO 4406

Application

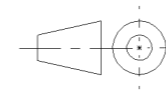
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Valve	Springs				
	Adj. Press. Range [bar]	Pressure increase [bar/turn]	Std. Setting [bar] (at 5 l/min)	Ordering code	Colour
A	10 - 50	12	40	03.51.01.077	black
B	50 - 210	47	180	03.51.01.075	green

mm [inches]

For dimensions without tolerance, consider 0.5 mm [0.02 inches]


Other Technical data: RE 18350-50 **Replaces:** **Request:**
 Designed by: Ferraresi Checked by: Bruni Date: 11/01/13 Changes: B