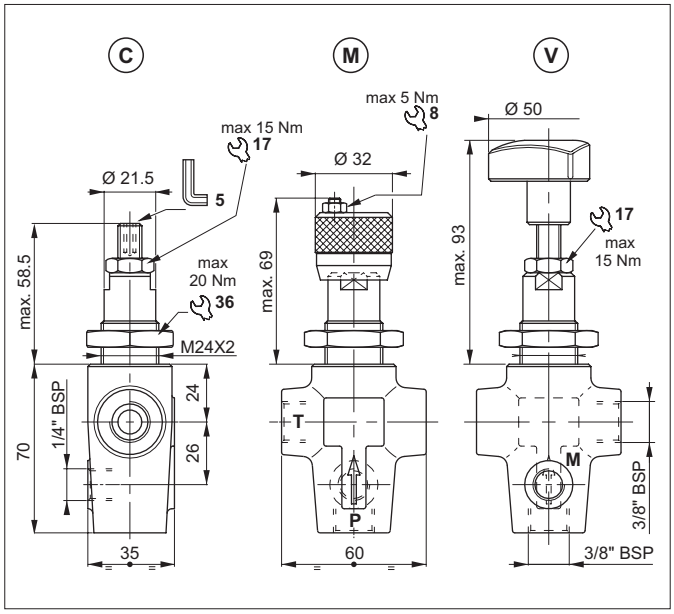
DIRECT ACTING PRESSURE RELIEF VALVES - IN-LINE MOUNTING



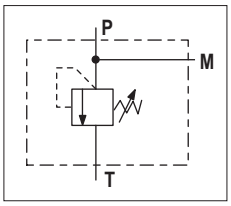
The direct acting relief valve with CMP10 cartridge limits the pressure in the hydraulic circuit.
It raises the safety level by making it impossible for the plant operators to set a higher pressure rating, than that specified in the catalogue. This is limited by a pack spring with a mechanical stop, which prevents temporary P closures caused by pressure peaks.
It has a manganese phosphate coated cast iron body. The cartridge is in galvanised steel.

HYDRAULIC FEATURES

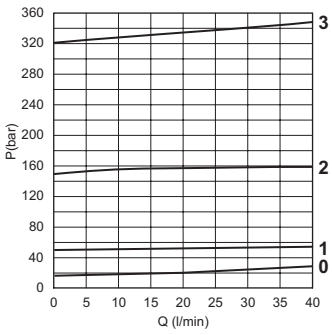
Max. working pressure	320 bar
Setting range: Spring 1 (orange) Spring 1 (white) Spring 2 (yellow) Spring 3 (green)	 max 15 bar max 50 bar max 150 bar max 320 bar
Max. Flow	40 l/min
Hydraulic fluid	DIN 51524 Mineral oils
Fluid viscosity	10 ÷ 500 mm^2/s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamin. level class with filter	ISO 4406:1999 - class 19/17/14
Weight	0.8 kg

The minimum permissible setting pressure depending on the spring: see curves.

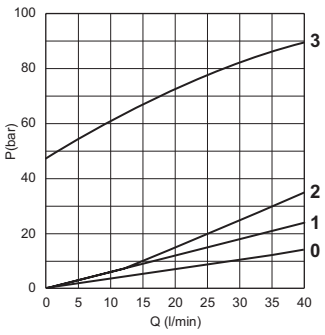
HYDRAULIC SYMBOL



PRESSURE-FLOW RATE



MIN.SETTING PRESSURE



0 = VMP10.0.. - **1** = VMP10.1.. - **2** = VMP10.2.. - **3** = VMP10.3..
Fluid used: mineral based oil with viscosity 46 mm^2/s at 40°C.

ORDERING CODE

VMP	10	*	*	**	2

- Series: **VMP** = Pressure relief valve
- Size: **10** = Connector size: 3/8" BSP
- Adjustment: **C** = Screw; **M** = Steel Knob; **V** = Handwheel
- Setting ranges: **0** = Max 15 bar (orange spring); **1** = Max 50 bar (white spring); **2** = Max 150 bar (yellow spring); **3** = Max 320 bar (green spring)
- Variants: **00** = No variants; **V1** = Viton
- **2** = Serial No.