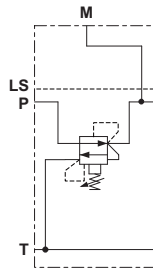


## INTERMEDIATE ELEMENT WITH PRESSURE REDUCING VALVE



### HYDRAULIC SYMBOL



### ORDERING CODE

<b>FI</b>	Intermediate element
<b>3</b>	Size
<b>RP</b>	Pressure reducing valve
<b>*</b>	Adjustment: <b>M</b> = Plastic knob <b>C</b> = Grub screw
<b>*</b>	Setting ranges <b>1</b> = max. 60 bar (white spring) <b>2</b> = max. 120 bar (yellow spring) <b>3</b> = max. 250 bar (green spring)
<b>**</b>	<b>00</b> = No variant <b>V1</b> = Viton
<b>1</b>	Serial No.

Intermediate element FI3RP provide a pilot-operated pressure reducing valve CVR20

- Test coupling
- Feed a secondary branch of a circuit at a lower pressure, guaranteeing minimum variation of the set pressure with flow alterations.
- Manual adjustment with a grub screw or plastic knob.
- Maximum flow 40 l/min.
- Aluminum body.

### FEATURES

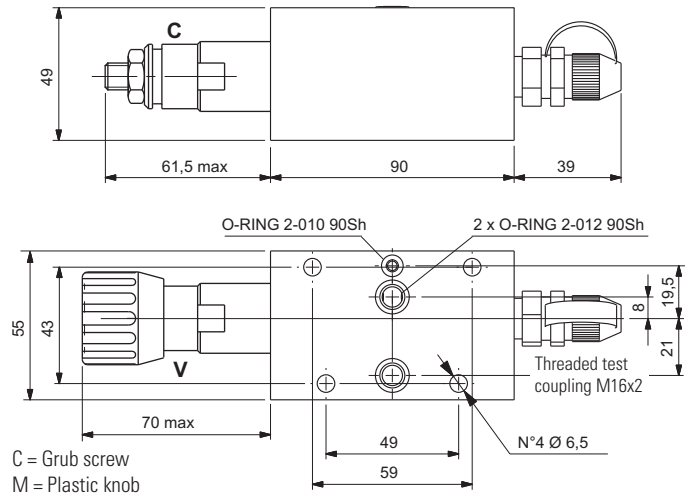
Max. operating pressure	250 bar
Max. Flow	40 l/min
Hydraulic fluid	DIN 51524 Mineral oils
Fluid viscosity	10 ÷ 500 mm <sup>2</sup> /s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamination level (filter β <sub>25</sub> ≥ 75)	ISO 4406:1999: class 21/19/16 NAS 1638: class 10
Weight	0.7 kg

### Pressure reducing valve (CVR20...)

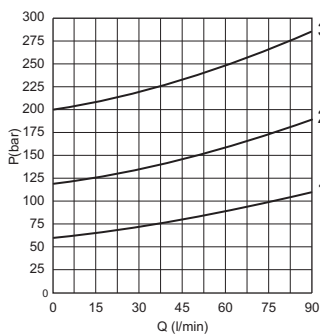
Setting range (*):	
Spring 1	max 60 bar
Spring 2	max 120 bar
Spring 3	max 250 bar

(\* ) The minimum permissible setting pressure depending on the spring: see curves.

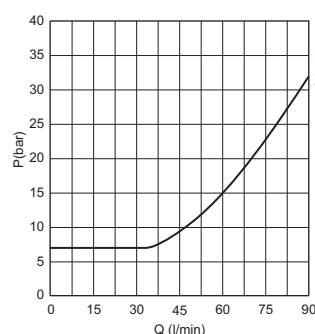
### OVERALL DIMENSIONS



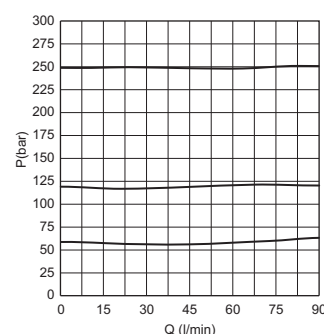
### PRESSURE-FLOW OF RELIEVING



### MIN.SETTING PRESSURE



### PRESSURE-FLOW RATE



**1** = max 60 bar  
**2** = max 120 bar  
**3** = max 250 bar

Fluid used: mineral based oil with viscosity 46 mm<sup>2</sup>/s at 40°C.