



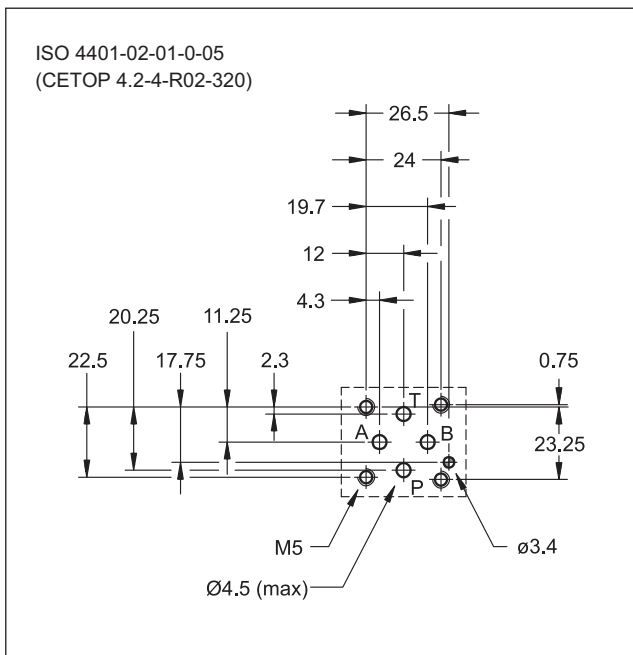
# PRM2

## DIRECT OPERATED PRESSURE RELIEF VALVE SERIES 10

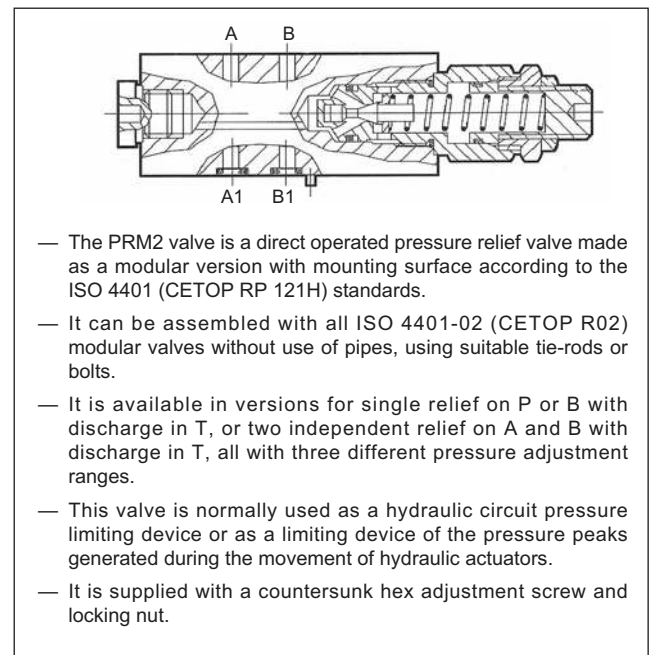
### MODULAR VERSION ISO 4401-02 (CETOP R02)

**p** max **320** bar  
**Q** max **20** l/min

#### MOUNTING SURFACE



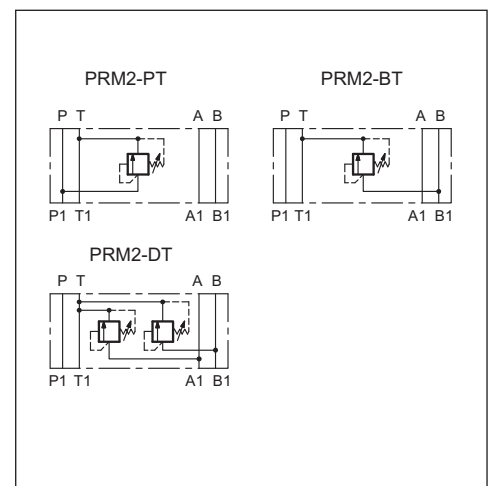
#### OPERATING PRINCIPLE



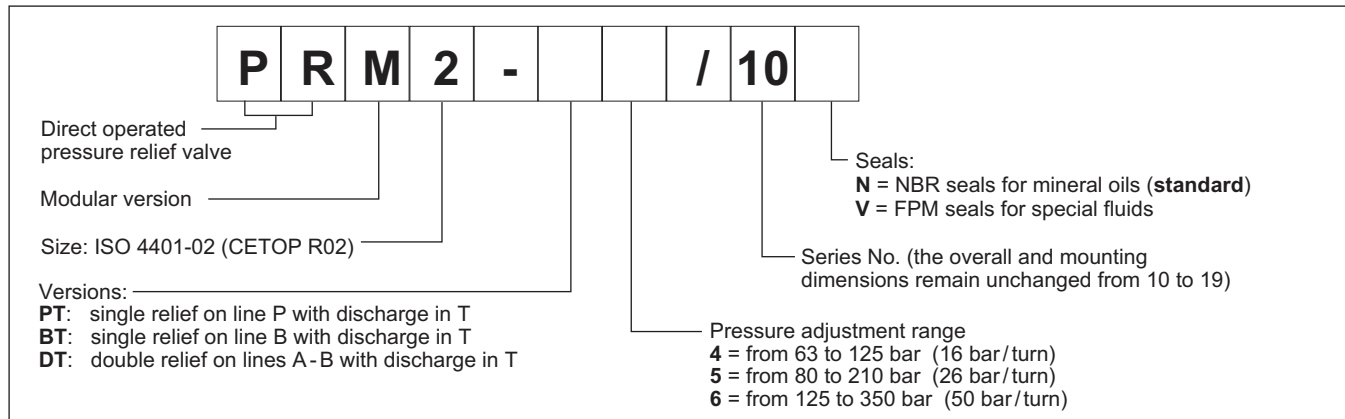
#### PERFORMANCES (measured with mineral oil of viscosity 36cSt at 50°C)

|                                      |   |           |
|--------------------------------------|---|-----------|
| Maximum operating pressure           | bar                                       | 320       |
| Minimum controlled pressure          | see $\Delta p$ diagram.                   |           |
| Maximum flow rate                    | l/min                                     | 20        |
| Ambient temperature range            | °C  | -20 / +50 |
| Fluid temperature range              | °C  | -20 / +80 |
| Fluid viscosity range                | cSt                                       | 10 + 400  |
| Fluid contamination degree           | According to ISO 4406:1999 class 20/18/15 |           |
| Recommended viscosity                | cSt                                       | 25        |
| Mass: PRM2-PT and PRM2-BT<br>PRM2-DT | kg  | 0.85<br>1 |

#### HYDRAULIC SYMBOLS

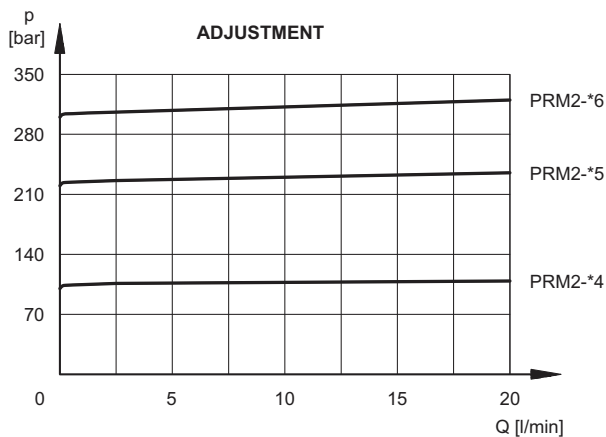


### 1 - IDENTIFICATION CODE



### 2 - CHARACTERISTIC CURVES

(values obtained with viscosity of 36 cSt at 50°C)



### 3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids HL or HM type, according to ISO 6743-4. For these fluids, use NBR seals. For fluids HFDR type (phosphate esters) use FPM seals (code V).

For the use of other kinds of fluid such as HFA, HFB, HFC, please consult our technical department.

Using fluids at temperatures higher than 80 °C causes a faster degradation of the fluid and of the seals characteristics.

The fluid must be preserved in its physical and chemical characteristics.

### 4 - OVERALL AND MOUNTING DIMENSIONS

