



MOUNTING INTERFACE



PERFORMANCES

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

| | | I |
|--|--|--------------------|
| Maximum operating pressure Maximum pressure on port T | bar | 350 10 |
| Maximum flow rate in the controlled lines Maximum flow rate in the free lines Drainage flow rate | l/min | 50 75 ≤ 0.08 |
| Ambient temperature range | °C | -20 / +60 |
| 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 | kg | 1.6 |

PZM3 DIRECT OPERATED THREE-PORT PRESSURE REDUCING VALVE WITH VARIABLE ADJUSTMENT

SERIES 10

MODULAR VERSION ISO 4401-03

p max 350 bar

Q max (see table of performances)

OPERATING PRINCIPLE



1 - IDENTIFICATION CODE



2 - HYDRAULIC SYMBOLS



The standard version is equipped with adjustment on side B.

3 - CHARACTERISTIC CURVES

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





4 - OVERALL AND MOUNTING DIMENSIONS



5 - 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.

6 - ADJUSTMENT KNOB

Valves can be supplied with adjustment knob, which is engaged by pushing and twisting at the same time. When released, the knob disengages to secure the adjustment from involuntary tampering.

Add CK3 in the identification code to order this version (see point 1).





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