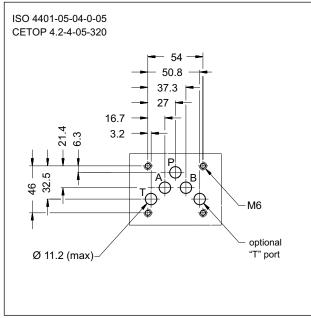
61 300/112 ED





MOUNTING INTERFACE



CONFIGURATIONS (see hydraulic symbols table)

- "SP": controls the pressure on line P with discharge in T.
- "SAT": controls the pressure on line A with discharge in T.

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

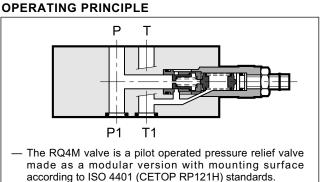
| Maximum operating pressure | bar | 320 |
|--|--|--------------------|
| Minimum controlled pressure | bar | see ∆p - Q diagram |
| Maximum flow rate in the controlled line and in the free lines | l/min | 100 |
| Ambient temperature range | °C | -20 / +50 |
| Fluid temperature range | °C | -20 / +80 |
| Fluid viscosity range | cSt | 10 ÷ 400 |
| Fluid contamination degree | According to ISO 4406:1999 class 20/18/15 | |
| Recommended viscosity | cSt | 25 |
| Mass: RQ4M-SP / RQ4M-SAT RQ4M-DT / RQ4M-D | kg | 2,8 3,6 |

RQ4M PILOT OPERATED PRESSURE RELIEF VALVE

SERIES 51

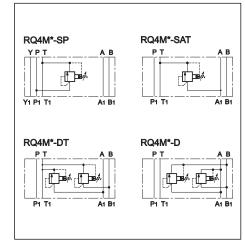
MODULAR VERSION ISO 4401-05 (CETOP 05)

p max 320 bar
Q max 100 l/min



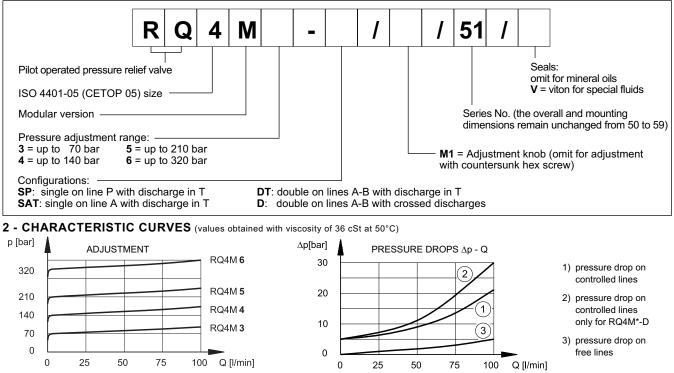
- It can be assembled with all ISO 4401-05 modular valves without the use of pipes, using suitable tie-rods or bolts.
- Versions for single adjustment on one control line or dual on two control lines and with four different pressure adjustment ranges are available.
- This valve is normally used as a hydraulic circuit pressure limiting device.
- It is normally supplied with an hexagonal head adjustment screw, locking nut and limitation of the maximum stroke adjustment.
- "DT": controls the pressure on lines A-B with discharge in T.
- "D": controls the pressure on lines A-B with crossed discharges.

HYDRAULIC SYMBOLS



RQ4M SERIES 51

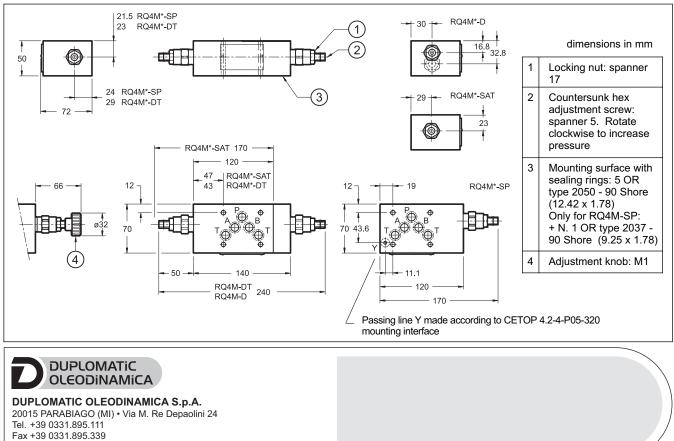
1 - IDENTIFICATION CODE



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



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