

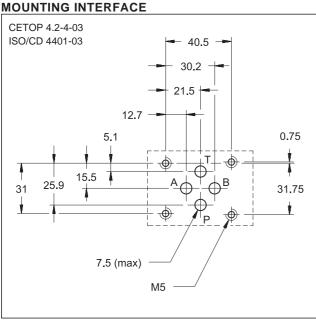
MVR-RS/P

DIRECT CHECK VALVE WITH FLOW RESTRICTOR **SERIES 50**

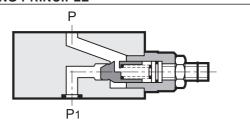
MODULAR VERSION CETOP 03

p max 350 bar

Q max (see performance ratings table)



OPERATING PRINCIPLE

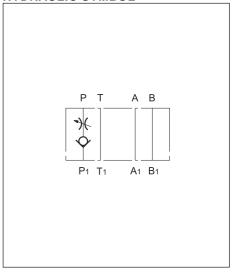


- The MVR-RS/P valve is a a check valve that incorporates also the function of flow restriction.
- It is made as a modular version with mounting surface according to the CETOP and ISO standards.
- It can be assembled quickly under the MD1D directional valves (see catalogue 41 200) and with all CETOP 03 modular valves without use of pipes, using suitable tie-rods or
- It is used in cases where it is necessary to control the flow in one direction and to avoid return return flow or the sponaneous emptying of lines in the opposite direction.
- Control of the flow is obtained with a countersunk hex screw with locking nut.

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

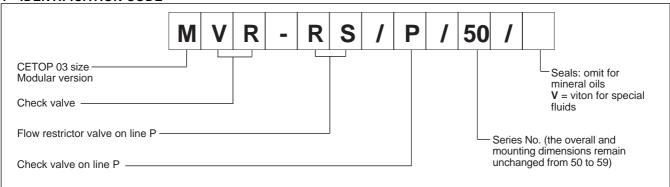
Maximum operating pressure Check valve cracking pressure	bar bar	350
Maximum flow rate in the controlled lines Maximum flow rate in the free lines	I/min I/min	50 75
Ambient temperature range	°C	−20 ÷ +50
Fluid temperature range	°C	−20 ÷ +70
Fluid viscosity range	cSt	2,8 ÷ 380
Recommended filtration	µm absolute	≤ 25
Recommended viscosity	cSt	25
Mass	kg	1,1

HYDRAULIC SYMBOL

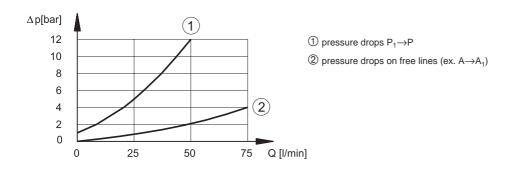




1 - IDENTIFICATION CODE



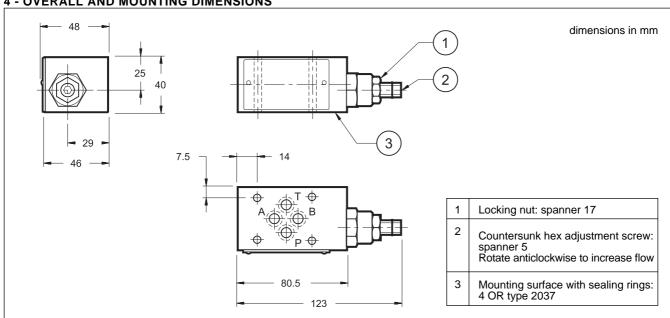
2 - CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)



3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids, with the addition of suitable anti-frothing and anti-oxidizing agents. For the use of other types (water glycol, phosphate esters and others), please consult our technical department.

4 - OVERALL AND MOUNTING DIMENSIONS





DUPLOMATIC OLEODINAMICA SpA

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