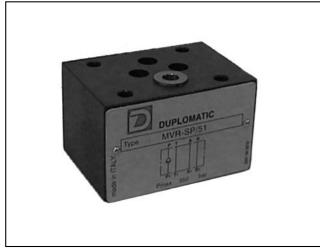
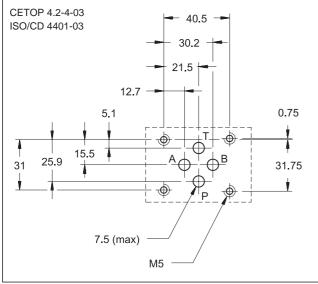
65 200/197 ED





MOUNTING INTERFACE



CONFIGURATIONS (see Hydraulic symbols table)

- MVR-SP: check valve on line P.
- MVR-ST: check valve on line T.
- MVR-SPT: check valve on lines P and T.
- MVR-SA: check valve on line A.
 MVR-SB: check valve on line B.
- MVR-SB: check valve

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

bar bar	350 3,5 - 0,5 - 5,2
l/min l/min	50 75
°C	-20 ÷ +50
°C	-20 ÷ +70
cSt	2,8 ÷ 380
µm absolute	<u>≤</u> 25
cSt	25
kg	1
	bar I/min I/min °C °C cSt µm absolute cSt



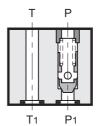
MODULAR VERSION

CETOP 03

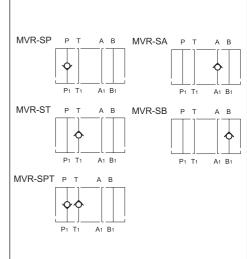
p max 350 bar

Q max (see performance ratings table)

OPERATING PRINCIPLE



- The MVR valve is a direct check valve made as a modular version with mounting surface according to the CETOP and ISO standards.
- It is used to avoid oil return flows, spontaneous emptying of lines or when the generation of back pressure is desired.
- It can be assembled quickly under the MD1D directional valves (see catalogue 41 200) without use of pipes, using suitable tie-rods or bolts.
- It is available in versions with the check valve only on line P, or line T, or on both lines.



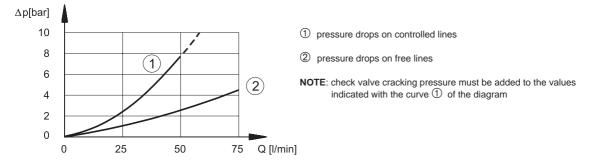
at 50°C) HYDRAULIC SYMBOLS





1 - IDENTIFICATION CODE R 51 Μ / -CETOP 03 size Seals: omit for mineral oils Modular version \mathbf{V} = viton for special fluids Series No. (the overall and mounting Check valve dimensions remain unchanged from 50 to 59) Cracking pressure: -SP: check valve on line P omit for standard cracking pressure = 3,5 bar SA: check valve on line A **1** = 0,5 bar SB: check valve on line B 3 = 5,2 bar ST: check valve on line T SPT: check valve on lines P and T

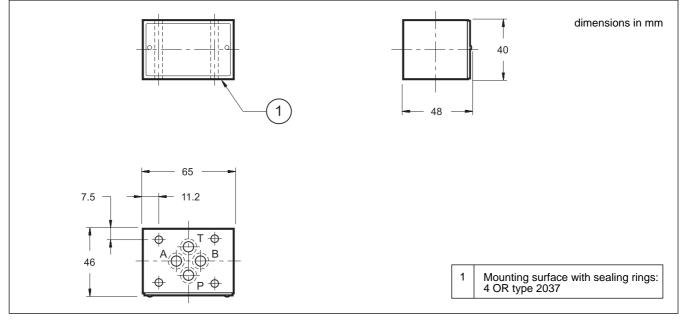
2 - CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)



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





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