



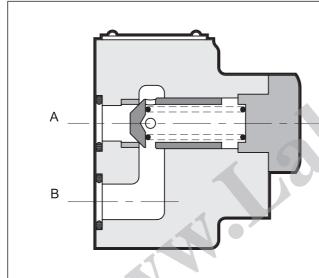
VR*-P CHECK VALVES SERIES 10

SUBPLATE MOUNTING

p max (see technical specifications table)

Q max (see technical specifications table)

OPERATING PRINCIPLE



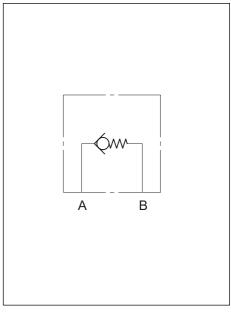
- VR*-P valves are one-way check valves constructed in the subplate mounting version.
- In rest conditions, the valve poppet, which is a cone on edge seal type, is kept closed by a spring with fixed setting.
- The shutter opens when the pressure in the intake line "A" exceeds the set value of the spring, added to any pressure in the outlet line "B".
- Available in three sizes for flow rates up to 400 l/min and with three different cracking pressures.

TECHNICAL SPECIFICATIONS

Valve code	Nominal dimension	Maximum flow rate I/min	Mass kg	Max. operating pressure bar
VR 3 - P	3/8"	100	2,3	350
VR 5 - P	3/4"	200	4,8	350
VR 7 - P	1" 1/4	400	9	250

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

HYDRAULIC SYMBOL

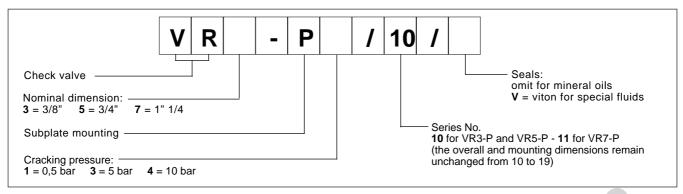


45 300/197 ED 1/4

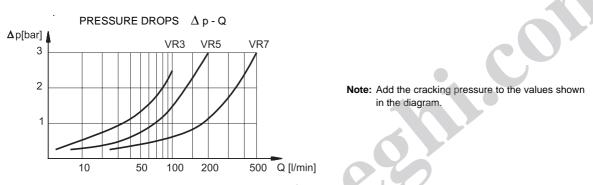


VR*-P

1 - IDENTIFICATION CODE

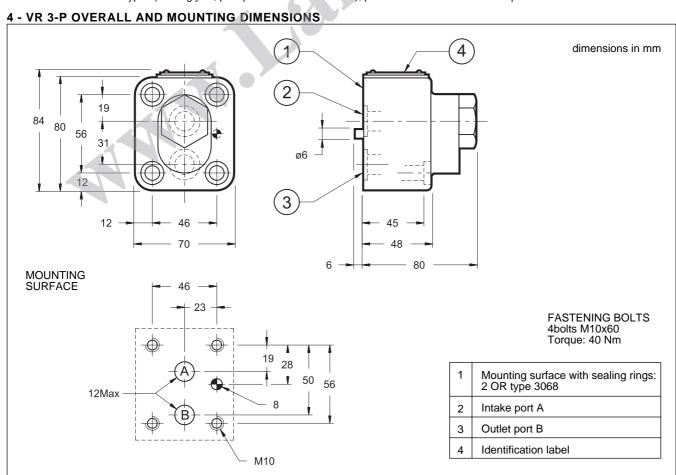


2 - CHARACTERISTIC CURVES (values obtained with viscosità 36 cSt at 50°C)



3 - HYDRAULIC FLUIDS

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

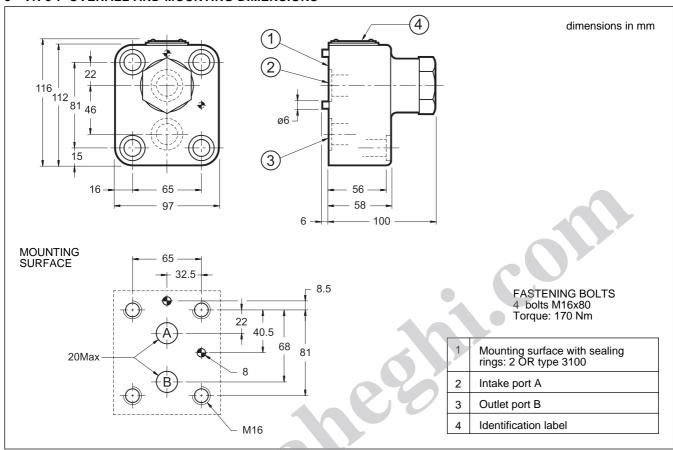


45 300/197 ED **2/4**

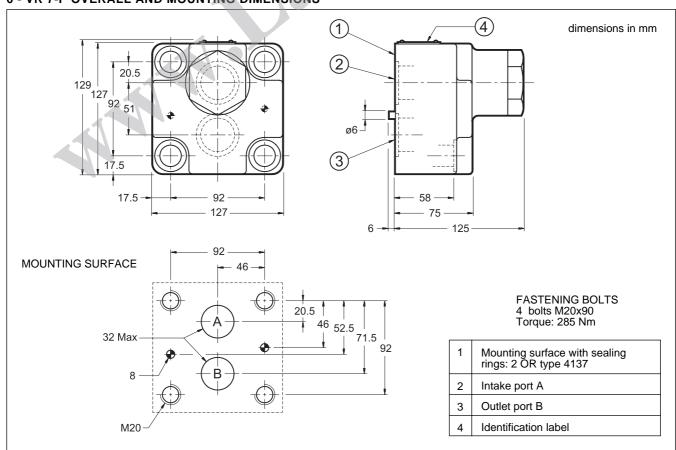


VR*-P

5 - VR 5-P OVERALL AND MOUNTING DIMENSIONS



6 - VR 7-P OVERALL AND MOUNTING DIMENSIONS



45 300/197 ED 3/4







DUPLOMATIC OLEODINAMICA SpA

20025 LEGNANO (MI) - P.le Bozzi, 1 / Via Edison Tel. 0331/472111-472236 - Fax 0331/548328