



**DIPLOMATIC  
HYDRAULICS**

45 100/104 ED



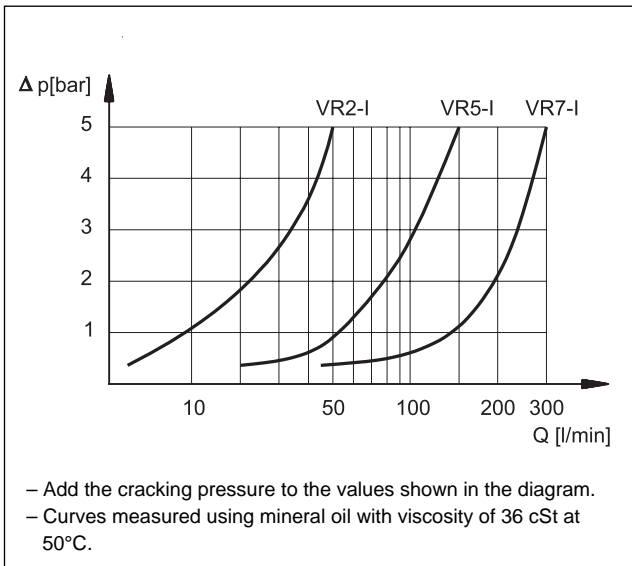
# VR\*-I CHECK VALVES SERIES 32

## CARTRIDGE TYPE

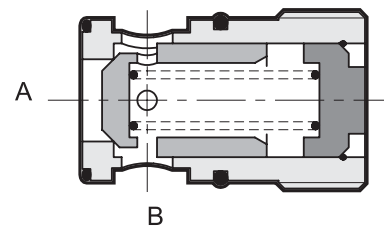
**p** max (see technical specifications table)

**Q** max (see technical specifications table)

## PRESSURE DROP ΔP-Q



## OPERATING PRINCIPLE



- VR\*-I valves are one-way check valves cartridge type construction and can be used in blocks or panels.
- In rest conditions, the valve poppet, which is a cone on edge seal type, is kept closed by a spring with fixed setting.
- The poppet 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 of up to 300 l/min and with three different cracking pressures.

## TECHNICAL SPECIFICATIONS

Valve code	Nominal dimension	Maximum flow rate l/min	Mass kg	Max. operating pressure bar	
				250	320
VR 2 - I	1/4"	50	0,1	320	320
VR 5 - I	3/4"	150	0,2	250	320
VR 7 - I	1" 1/4	300	0,8		

Ambient temperature range	°C	-20 ÷ +50
Fluid temperature range	°C	-20 ÷ +80
Fluid viscosity range	cSt	10 ÷ 400
Fluid contamination degree	According to NAS 1638 class 10	
Recommended viscosity	cSt	25

## HYDRAULIC SYMBOL

