

1/2 RE 18329-34/01.19 Replaces: RE 18329-34/03.16

Insert type Relief, direct acting adjustable, anti-cavitation function

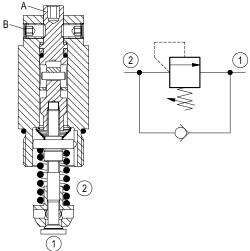
Special cavity, 870

VRA1.080

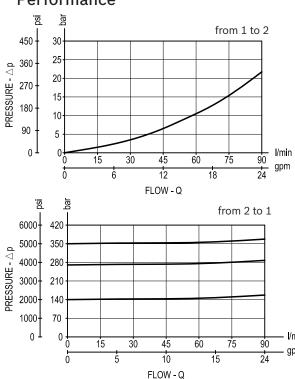
OT.M6.04 - X - 99 - Z



Dimensions



Performance



Description

Flow is free from 1 to 2 until pressure increases to meet the selected valve setting, allowing relief flow through port 1 to tank. This valve combine the typical function of shock relief valve (direct acting) and anticavitation function through the check valve. The direct action and the specific design allow a very fast opening and closing.

Note: to obtain a good leak proof performance coin the cavity seat using a loose valve seat (P/N 0F.S0.011) as a coining tool. Please consult factory for any question.

Please be careful to the following instructions:

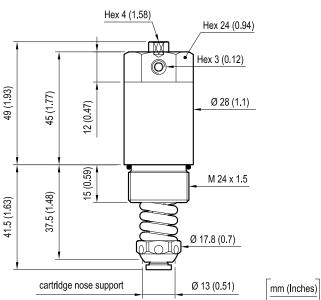
- 1) Screw the valve into the cavity using the mentioned installation torque;
- 2) Adjust the setting using the stem "A";
- 3) Once the valve is adjusted to the required pressure setting, lock the screw "B". Be careful to make the pressure setting adjustment when the screw "B" is loose; block the screw with torque 2-4 Nm (1.5-3 ft-lbs) only when the pressure setting is adjusted.

Technical data

Max. operating pres	ssure bar (psi)	400 (5800)
Max. flow I/min. (gpm)		90 (24)
Max. internal leakage (*) drops/min.		30
Fluid temperature r	ange °C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	50-55 (37-41)
Weight	kg (lbs)	0.18 (0.4)
Special cavity		870 see data sheet RE 18325-75
Lines bodies and standard assemblies		Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit (**)	code material no.	
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /s (cSt)
Recommended degree of fluid contamination		Nominal value max. 10µm (NAS 8) ISO 4406 20/18/15
Installation		No restrictions
Other Technical Data		See data sheet RE 18350-50
(*) at 80% of pressi	ure setting	

- (**) Only external seals for 10 valves

Dimensions



Ordering code * 0T.M6.04 X 99 Z Series 0/A to L Insert type - Relief, direct acting adjustable, anti-cavitation function unchanged performances and dimensions Adjustments = 03 Adjustable **SPRINGS** Adj. pressure range bar (psi) Special cavity, 870 = 10 90-140 (1300-2000) = 20 140-270 (2000-3900) = 35 270-350 (3900-5000) = 40 350-400 (5000-5800)

Туре	Material number
OTM604039910000	R931002289
0TM604039920000	R931002290
0TM604039935000	R931002291
0TM604039940000	R931002292

Туре	Material number

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Subject to change.