

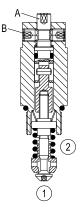
1/2RE 18329-31/05.22 Replaces: RE 18329-31/09.19

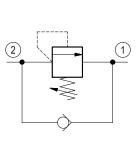
Insert type Relief direct acting adjustable, anti-cavitation function

Special cavity, 869

VRA1.025

Dimensions





from 1 to 2

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.S0.049) 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	sure bar (psi)	210 (3000)	
Max. flow	l/min. (gpm)	30 (8)	
Max. internal leakage (*)	drops/min.	15	
Fluid temperature	range °C (°F)	-30 to 100 (-22 to 212)	
Installation torque Nm (ft-lbs)		30-35 (22-26)	
Veight kg (lbs)		0.07 (0.15)	
Special cavity		869 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.		RG0869020000100 R931002405	
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 proce	uro cotting		

(*) at 80% of pressure setting

(**) Only external seals for 10 valves

Performance bar

10

8

6

psi

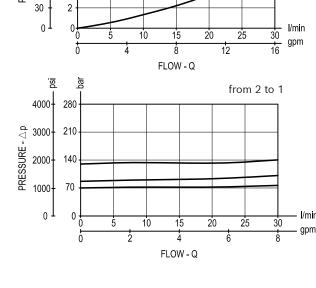
150

120

90

60

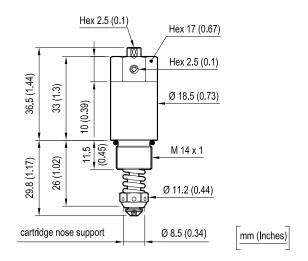
PRESSURE - riangle p



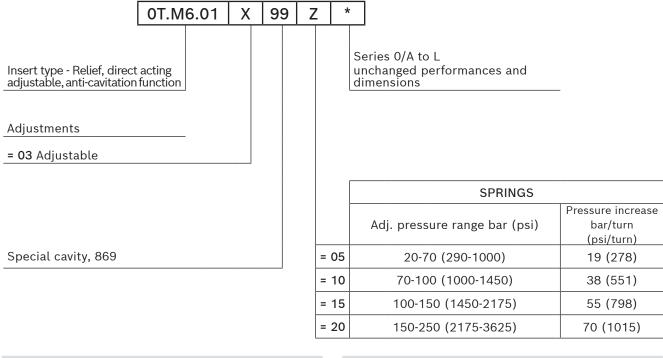


0T.M6.01 - X - 99 - Z Description

Dimensions



Ordering code



Туре	Material number	Туре	Material number
0TM601039905000	R931002274		
0TM601039910000	R931002275		
0TM601039915000	R931002684		
0TM601039920000	R931002276		

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Subject to change.