Relief Valves



Technical Features

All external surfaces are zinc plated and corrosion-proof. All valve parts are made of high strength steel. Poppet is hardened and ground to guarantee minimal wear and to extend service life. Adjustment screw cannot be backed out of the valve. Positive stop prevents springs from going solid. Optional spring ranges a to 350 bar (5000 psi). Industry commonly used hybrid cavity "SAE09".





Cavity Details



Maximum flow Setting Pressure	40 l/min
Setting Pressure	
Maximum internal laakaga	See table below
waxiinun internai leakaye	0,25 cm ³ /min to 80% of nominal set point
External component treatment	Zn/Fe - standard (96h) Zn/Ni (720h)
O-ring Temperature Range	-30° C to 110° C (standard sealing NBR - BUNA-N)
Oil Temperature Range	-30° C to 110° C
Pressure settings established	@5 l/min
Reseat pressure	nominal 90% of cracking pressure
Fluids	Mineral - based or synthetics with lubricating propertie
Viscosities	7,4 to 420 cSt
Filtration	20/18/15 ISO 4406 (maximum filtration admitted)
Orientation	No restrictions
Installation torque	40-45 Nm (Hex. 24) 🖏
Tightening torque nut	25-30 Nm (Hex. 19) 🖏
Technical specifications for characterization	See page 480
Oil testing condition	ISO VG 46 cSt
Seal kit code	SK.002
Plastic tamper proof cap	CTP.001 (for more details see page 428-429)
Weight	0,150 kg

Design Note
The nose of the valve protrudes

cavity

by 3 mm into ID 10 mm of the



 Ordering Code R V C S 0 9 0 0 * * Pressure setting in [bar] Marking Cavity 000 = No specific setting 0 = standard factory required SO9 = 3/4 - 16 UNF Valve basic code with © 15,86 nose size marking. Customized Spring range marking can be done Spring model Pressure Pressure upon request setting range Increment per code turn (bar) (bar) Υ 15-60 8

Ν

В

G

25-135

50-220

120-350

Specifications may change without notice.

20

33

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