1/2

RE 18318-23/01.10

Replaces: RE 00162-02/01.06

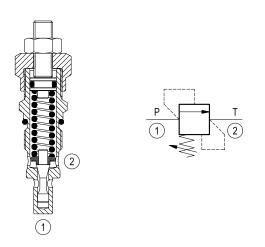
# Relief, direct acting guided poppet type

Special cavity, 008

**VS-30** 

04.11.18 - X - 99 - Z

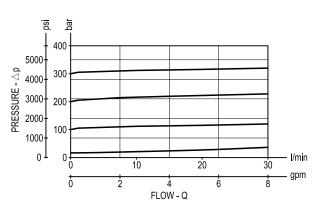




# **Description**

Flow is blocked from 1 to 2 until pressure increases to meet the selected valve setting, lifting the poppet from its seat and allowing relief flow through 2 to tank. Pressure at 2 is additive to the relief setting of the valve. The unique Bosch Rexroth Oil Control poppet design provides enhanced stability at all flows and pressures.

### **Performance**



#### **Technical data**

Max. operating pressure port 1 (P)	bar (psi)	350 (5000)
Max. pressure admitted port 2 (T)	bar (psi)	140 (2000)
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)	45-50 (33-37)
Weight (**)	kg (lbs)	0.17 (0.38)
Special cavity		008 see data sheet RE 18325-75
Seal kit (***)	code material no.	RG0008010000100 R930001692
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm²/s (cSt)
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Installation		No restrictions
Other Technical Data		See data sheet RE 18350-50

- (\*) at 80% of pressure setting
- (\*\*) Standard version 03 type
- (\*\*\*) Only external seals for 10 valves

Handknob and locknut

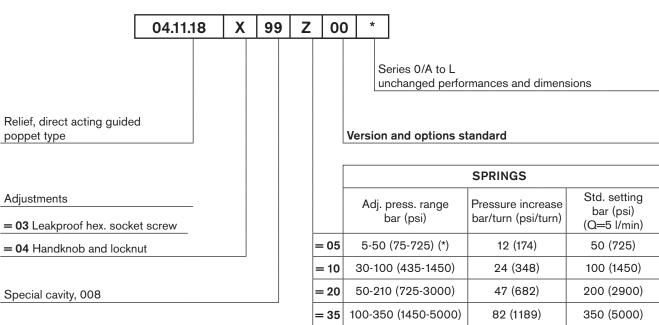
#### **Dimensions**

#### OPTION

Tamper resistant cap ordering code 11.04.23.003 Mat. no. R930000754

## Ø 60 (2.36) Leakproof hex. socket screw Hex 5 (0.2) Hex 17 (0.67) 61 (2.4) max (7) Hex 22 (0.87) 51 Ø 21 (0.83) 33 (1.3) M 20 x 1.5 Ø 17.9 (0.71) 19 (0.75) Ø 10 (0.39) mm (Inches)

## Ordering code



Note: Special settings available. Contact factory authorized representative for ordering code

(\*) minimum pressure setting intended with Q=5 l/min (1.3 gpm)

Туре	Material number
041118039905000	R901113613
041118039910000	R901113614
041118039920000	R901226876
041118039935000	R901113617
041118049905000	R930000148

Туре	Material number
041118049910000	R930000149
041118049920000	R901127942
041118049935000	R930000151

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5

41015 Nonantola – Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848

cartridges@oilcontrol.com www.boschrexroth.com © This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent.

The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

Subject to change.