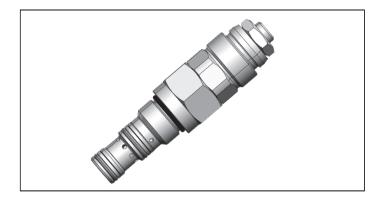


Counterbalance, standard guided poppet type

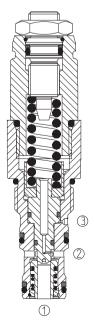
Common cavity, Size 08

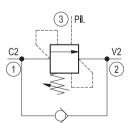
VBSN-08AA



Description

When pressure at 2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from 2 to 1. When load pressure at 1 rises above the pressure setting, the direct-acting, relief function is activated and flow is relieved from 1 to 2. With pilot pressure at 3, the pressure setting is reduced in proportion to the stated ratio of the valve, until fully open with free-flow from 1 to 2. The spring chamber is drained to 2, and any back-pressure at 2 is additive to the pressure setting in all functions. Valve design prevents spring going solid and complete unscrewing during adjusting.





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RE 18320-01

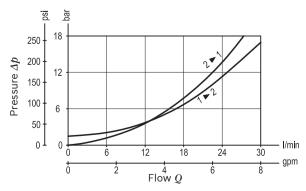
Edition: 05.2022 Replaces: 09.2017

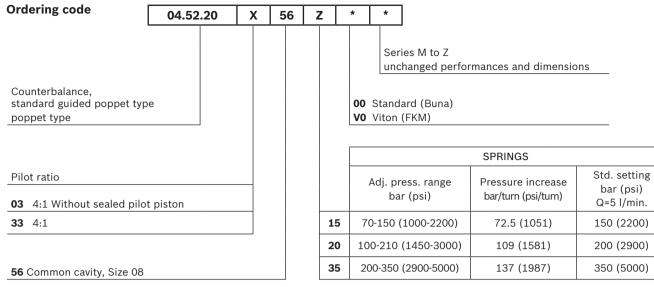
Technical data			
350 bar (5000 psi)			
30 l/min (8 gpm)			
15 drops/min.			
-30 to 100 °C (-22 to 212 °F)			
34 - 41 Nm (25 - 30 ft-lbs)			
0.18 kg (0.4 lbs)			
150 years see RE 18350-51			
CA-08A-3C (see data sheet 18325-70)			
according to ISO 4413 with sealed adjustment screw to prevent oil leakage during adjustment			
500h according to DIN EN ISO 9227:2017-07			
Please refer to section "Hydraulic integrated circuit" or consult factory			
Code: RG08A9010520100			
material no: R901101592			
Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm²/s (cSt)			
Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14			
No restrictions			
See data sheet 18350-50			

Pressure setting: at least 1.3 times the load induced pressure and maximum 1.5 times catalogue max nominal setting.

- 1) At 70% of pressure setting
- 2) Only external seals for 10 valves

Characteristic curve



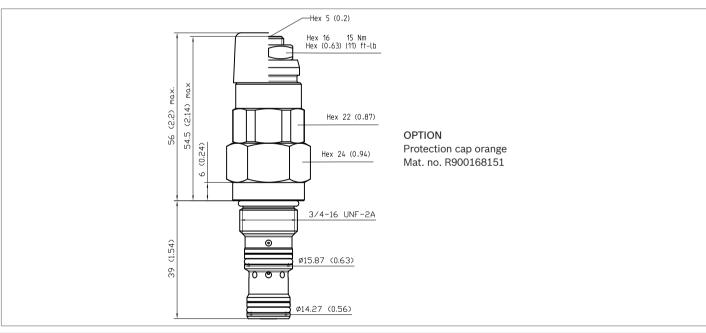


Note: Special settings available with optional tamperproof cap. Contact factory authorized representative for ordering code.

Preferred types

Туре	Material number	Туре	Material number
04522033563500M	R930081365	04522033562000M	R930081227
04522003561500M	R930081219		
04522003562000M	R930081221		
04522003563500M	R930081224		

Dimensions



Bosch Rexroth Oil Control S.p.A.

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