

Proportional valves pilot operated poppet type,
 2-way flow regulator not compensated
 Common cavity, Size 10

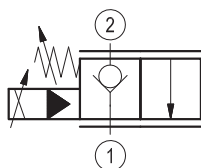
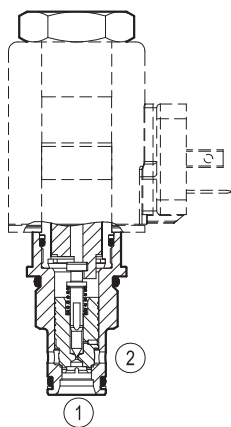
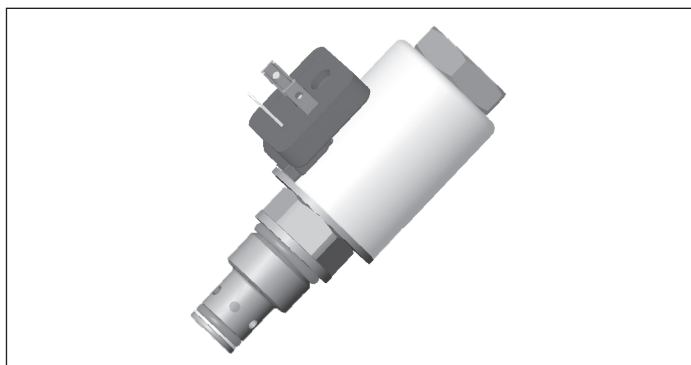
RE 18323-73

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Replaces: 01.2017

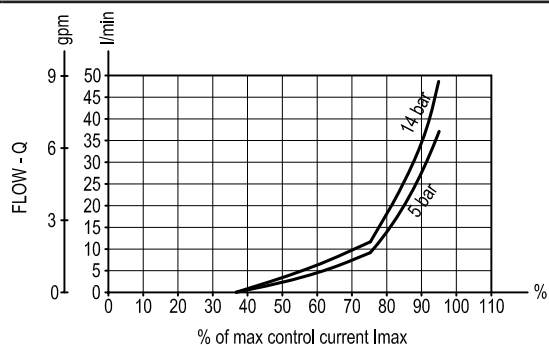
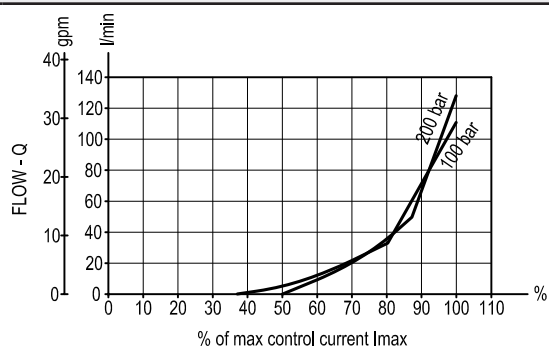
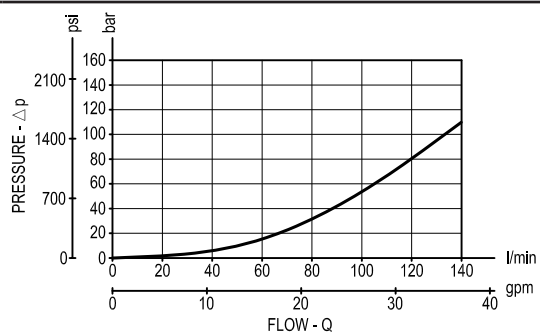
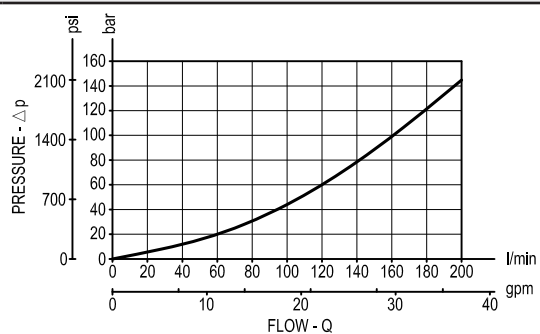
KSVS.1

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**Technical data**

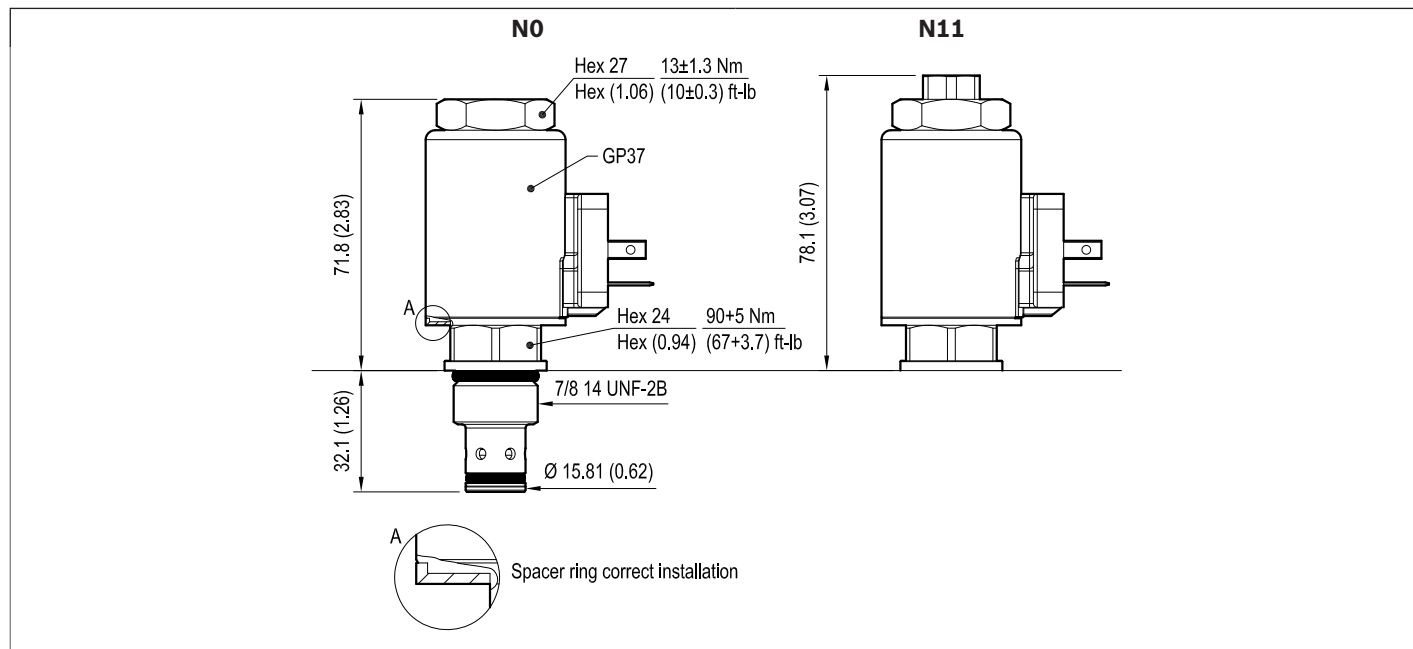
General	
Weight	0.25 kg (0.55 lbs)
Installation position	Any
Ambient temperature range	-20 to 120 °C (-4 to 248 °F)
Salt spray test to DIN 50021	720 h
Hydraulic	
Max. operating pressure port 1, 2	350 bar (5075 psi)
Maximum Δp	350 bar (5075 psi) (250 bar (3625 psi) for optimal metering and flow capacity)
Nominal flow	50 l/min. at 14 bar Δp (13 gpm at 200 psi Δp)
Hysteresis	Less than 7% up to 90% of I-MAX. Less than 10% above 90% of I-MAX.
Recommended dither frequency (PWM)	100 Hz
Max. internal leakage	10 drops/min. (at $\Delta p=150$ bar; HLP46, $T_{oil} = 40^\circ\text{C}$)
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm ² /s (cSt)	
Recommended degree of fluid contamination	(NAS 8) / ISO 4406 19/17/14
Cavity	CA-10A-2N see 18325-70
Load cycles	2 Mio.
Spare parts	
Cavity seal kit	material no. R961011030
Coil nut	material no. R901440340
Spacer ring	material no. R901168656
Electrical	
Type of voltage	DC voltage
Coil type	GP37 see 18325-90

Note: coils must be ordered separately.

Characteristic curves**Compensated flow vs % of control current****Non compensated flow vs % of control current****Delta p 2 to 1 at 110% of I_{max} control current****Delta p 1 to 2**

Dimensions

▼ Proportional valves pilot operated poppet type 2-way flow regulator not compensated



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