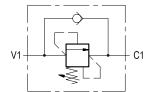
RE 18309-85/04.10

1/2 Replaces: RE 00171/02.07

Sequence, direct acting poppet type

VSQ-30 05.21.07 - X - Y - Z





Description

Initially, the flow goes to a side line connected to V1, not shown here, and energizes a first actuator until pressure increases to meet the selected valve setting; then flow opens the relief cartridge and passes from V1 to C1 energizing the second actuator connected to C1. Note that pressure at C1, i.e. the pressure needed to operate the second actuator, is additive to the relief setting of the valve. The hydraulic damping of the relief poppet provides enhanced stability at all flows. The check valve allows reverse flow, from C1 to V1.

Technical data

Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	I/min (gpm)	30 (8)

Pressure drop curves are shown with zero back pressure on "C1" port.

This valve is successfully employed when the pressure needed to move the secondary actuator is not very high.

General

Other technical data

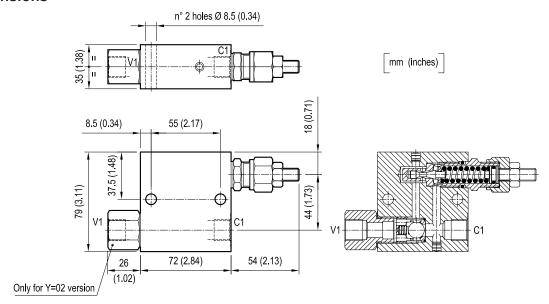
ع	Manifold material		Aluminium
Note: aluminium bodies are often strong enough for operating pressures exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.			
	Weight	kg (lbs)	0.81 (1.79)
	Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)

see data sheet RE 18350-50

Note: for applications outside these parameters, please consult us.

			Performance		
PRESSURE - △p	6000- 5000- 4000- 3000- 2000- 1000- 0 1	400 300 200 100	(C1-V1) 5 10 15 20 25 3 2 4 6 8	- 8 - 6 - 4 - 2 0	120 100 80 → 100 60 ∩ 340 (I/A-I/J) 40 32 (I/A-I/J) 20 0 I/min gpm
			FLOW - Q		

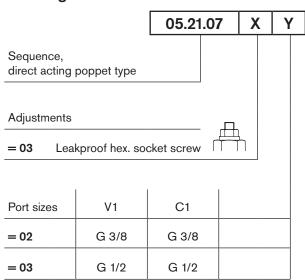
Dimensions



Z

code 11.04.23.003

Ordering code



	SPRINGS		
	Adj. pressure	Pres. increase	Std. setting
	range	bar/turn	Q=5 (I/min.)
	bar (psi)	(psi/turn)	bar (psi)
= 05	5-50	12	50
	(75-725)	(174)	(725)
= 10	30-100	24	100
	(435-1450)	(348)	(1450)
= 20	50-210	47	200
	(725-3000)	(682)	(2900)
= 35	100-350	82	350
	(1450-5000)	(1189)	(5000)
Tamper resistant cap			

Туре	Material number
052107030205000	R930001418
052107030210000	R930001419
052107030220000	R930001420
052107030235000	R930001421
052107030305000	R930001423
052107030310000	R930001424

R930001425

R930001428

Туре	Material number

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