RE 18316-37/10.09

1/2

Check valves

Poppet type with male-female threaded sleeve



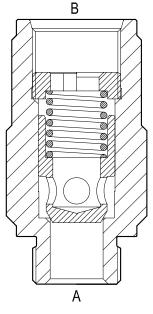
VU-MF (G1 - G1-1/4)

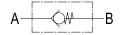
04.31.17.00-Y-Z

Description

Flow is always allowed to pass from A to B when pressure at A rises above the spring bias pressure and the poppet is pushed from the seat.

The valve is normally closed (checked) from B to A. Precision machining and hardening processes allow virtually leak free performance in the checked condition.

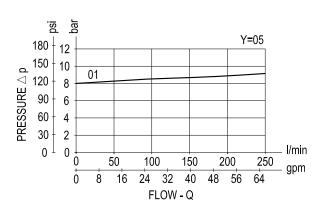


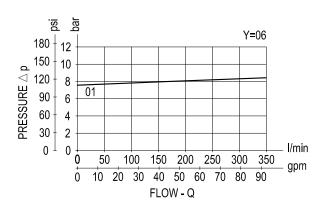


Technical data

Ports	Pressure P max bar (psi)	Flow Q max I/min (gpm)	Weight kg (lbs)	
G 1	350 (5000)	250 (66)	0.90 (1.98)	
G 1-1/4	350 (5000)	350 (93)	1.50 (3.31)	

Performance

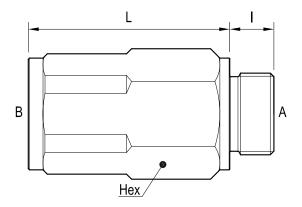




Δp curves vs. flow in "A-B" free flow direction

For cracking pressure range refer to the specific table.

Dimensions



Ports size / Dimensions

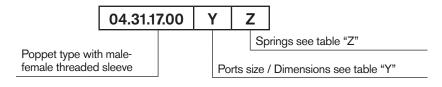
Υ	Ports A - B	L mm (inches)	I mm (inches)	Hex mm (inches)
05	G 1	82 (3.23)	0.71 (46)	46 (1.81)
06	G 1-1/4	102 (4.02)	0.79 (55)	55 (2.17)

Springs					
Z	Cracking presure		Ordering code	Ordering code	
	bar	psi	Y=05	Y=06	
01	8	116	03.51.01.430	03.51.01.429	

Advantages

- -Very compact design and inline mounting for space saving.
- -Four sizes (see also previous page) provide great adaptability to the system.
- -Mounting position is unrestricted.
- -Very low Δp in the free flow direction.

Ordering code



Туре	Material number	Туре	Material number	Туре	Material number
043117000501000	R930000446				
043117000601000	R930000447				

Bosch Rexroth Oil Control S.p.A. Fimma Division (Rge 2) Via G. Bovio, 7 Z.I. Mancasale 42124 Reggio Emilia, Italy Tel. +39 0522 517 277

Tel. +39 0522 517 277
Fax +39 0522 517 125
cartridges@oilcontrol.com
www.boschrexroth.com

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Subject to change.