RE 18316-33/10.09

1/2

Check valves

Poppet type with insert and female-female threaded sleeve



VUH-FF

NUH1 Insert type valve (see table below)

OE.U5.01.01-Y-Z

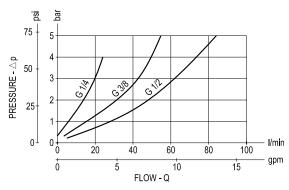
Description

This valve is composed by a sleeve with an inserted poppet type check cartridge type VUH1. Flow is always allowed to pass from A to B when pressure

Flow is always allowed to pass from A to B when pressure at A rises above the spring bias pressure and the ball is pushed from the seat. The valve is normally closed (checked) from B to A.

The inserted cartridge can be screwed-in or screwed-out with an Allen type key 6 or 8 mm, depending from the cartridge size.

Performance



Technical data

VUH1 Code	Ports A-B	Pressure P max bar (psi)	Flow Q max I/min (gpm)	Weight kg (lbs)
OT.U5.01.00.09.00	G 1/4	350 (5000)	22 (6)	0.01 (0.02)
OT.U5.01.00.02.00	G 3/8	350 (5000)	50 (13)	0.02 (0.04)
OT.U5.01.00.03.00	G 1/2	350 (5000)	80 (21)	0.02 (0.04)

Steel body, zinc plated

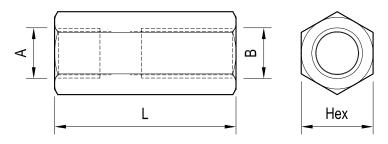
Δp curves vs. flow in "A-B" free flow direction

As seen on the diagram, the cracking pressure is very low.

Advantages

- -Very compact design and inline mounting for space saving.
- -Mounting position is unrestricted.
- -Three sizes provide great adaptability to the system.
- -The inserted flow regulator cartridge can be purchased separately for easy service or for modifications to the original flow adjustment (ref. Catalogue RE 18329-61).

Dimensions



Ports size / Dimensions

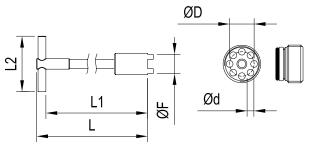
Υ	Ports A-B	L mm (inches)	Hex mm (inches)	Sleeve code
09	G 1/4	48 (1.89)	19 (0.75)	OC.51.02.001
02	G 3/8	52 (2.05)	22 (0.87)	OC.51.02.002
03	G 1/2	62 (2.44)	27 (1.06)	OC.51.02.003

Fitting tool dimension

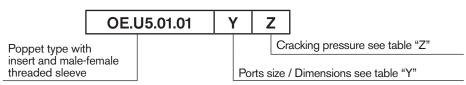
Z	Cracking pressure b	ar (psi)
00	< 0.5 (< 7)	

VUH1 code thread	ØF	L	L1	L2	ØD	Ød	Inst. torque	Tool code
0T.U5.01.00.09.00	11.3	120	110	60	8.5	2.2	6 Nm	AVA17
G 1/4	(0.45)	(4.72)	(4.33)	(2.36)	(0.34)	(0.09)	(4)ft-lb	
0T.U5.01.00.02.00	14.9	120	108	80	10.8	3	6Nm	AVA17-01
G 3/8	(0.59)	(4.72)	(4.25)	(3.15)	(0.43)	(0.12)	(4)ft-lb	
0T.U5.01.00.03.00	18.6	120	108	80	14.2	3.8	10Nm	AVA17-02
G 1/2	(0.73)	(4.72	(4.25)	(3.15)	(0.56)	(0.15)	(7)ft-lb	

More details on RE 18329-61 catalogue.



Ordering code



Туре	Material number	Туре	Material number	Туре	Material number
OEU501010200	R932007302				
OEU501010300	R932007303				
OEU501010900	R932007301				

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Subject to change.