

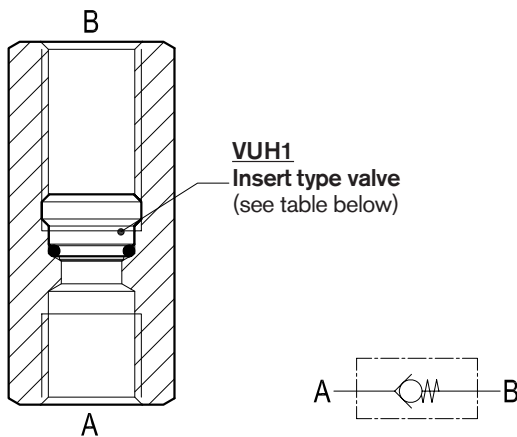
Check valves

Poppet type with insert and female-female threaded sleeve



VUH-FF

OE.U5.01.01-Y-Z



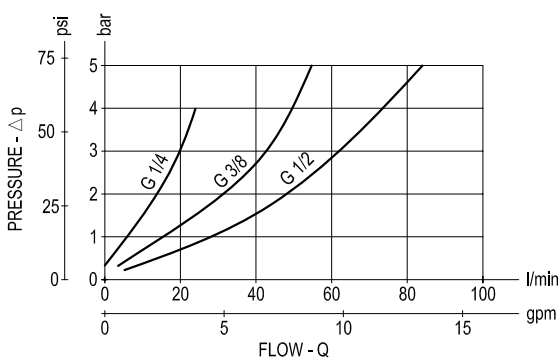
Description

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 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



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

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

Advantages

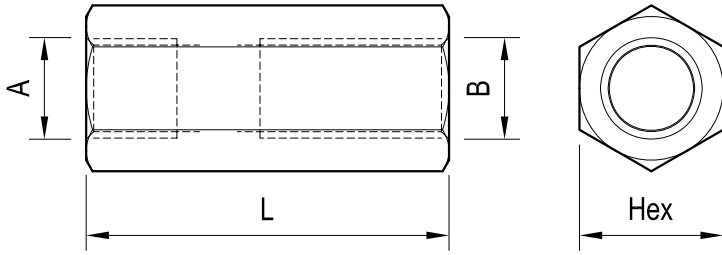
- Very compact design and inline mounting for space saving.
- Mounting position is unrestricted.
- Three sizes provide great adaptability to the system.
- The inserted flow regulator cartridge can be purchased separately for easy service or for modifications to the original flow adjustment (ref. Catalogue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

Technical data

VUH1 Code	Ports A-B	Pressure P max bar (psi)	Flow Q max l/min (gpm)	Weight kg (lbs)
0T.U5.01.00.09.00	G 1/4	350 (5000)	22 (6)	0.01 (0.02)
0T.U5.01.00.02.00	G 3/8	350 (5000)	50 (13)	0.02 (0.04)
0T.U5.01.00.03.00	G 1/2	350 (5000)	80 (21)	0.02 (0.04)

Steel body, zinc plated

Dimensions



Ports size / Dimensions

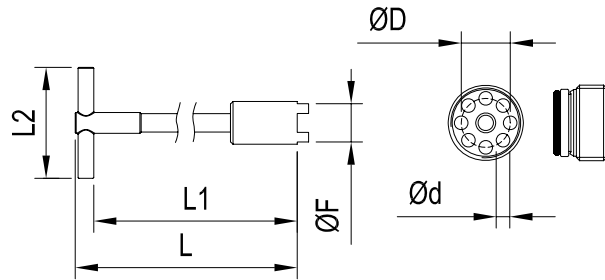
Y	Ports A-B	L mm (inches)	Hex mm (inches)	Sleeve code
09	G 1/4	48 (1.89)	19 (0.75)	OC.51.02.001
02	G 3/8	52 (2.05)	22 (0.87)	OC.51.02.002
03	G 1/2	62 (2.44)	27 (1.06)	OC.51.02.003

Z	Cracking pressure bar (psi)
00	<0.5 (<7)

Fitting tool dimension

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

More details on RE 18329-61 catalogue.



Ordering code

OE.U5.01.01	Y	Z
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Poppet type with insert and male-female threaded sleeve

Cracking pressure see table "Z"

Ports size / Dimensions see table "Y"

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