RE 18316-33/10.09

1/2

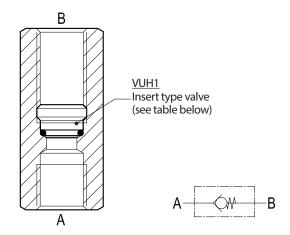
Check valves

Poppet type with insert and female-female threaded sleeve



VUH-FF

OE.U5.01.01-Y-Z



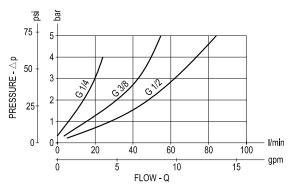
Description

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



Technical data

| VUH1 Code | Ports A-B | Pressure P max bar (psi) | Flow Q max I/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

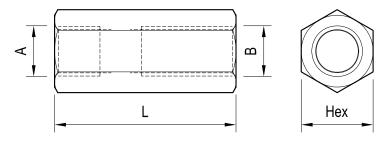
Δp curves vs. flow in "A-B" free flow direction

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

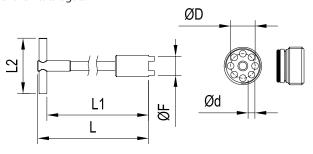
| Υ | Ports A-B | L mm (inches) | Hex mm (inches) | Sleeve code |
|----|--------------|---------------------|-----------------------|--------------|
| 09 | G 1/4 | 48 (1.89) | 19 (0.75) | OC.51.02.001 |
| 02 | G 3/8 | 52 (2.05) | 22 (0.87) | OC.51.02.002 |
| 03 | G 1/2 | 62 (2.44) | 27 (1.06) | OC.51.02.003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

Fitting tool dimension

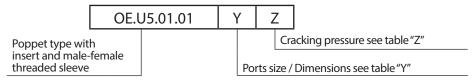
| Z | Cracking pressure bar (psi) |
|----|-----------------------------|
| 00 | < 0.5 (< 7) |

| 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 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 |
| 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.