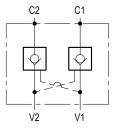


RE 18307-20/04.10 1/2 Replaces: RE 00171/02.07

Pilot operated check, dual

VSO-DE-FC2



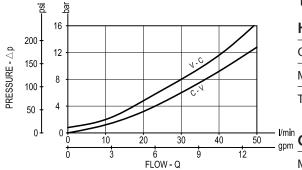
05.53.02 - X - Y - Z



Description

Flow is allowed to pass in one direction (V1 to C1 or V2 to C2), then the valve remains closed (checked) in both reverse directions (C1 to V1 or C2 to V2) in order to hold and lock in position the cylinder or other actuators; reverse flow is possible only when sufficient pilot pressure is applied at V2 or V1, which act as cross connected pilot ports, and the pilot piston lifts the poppet from its seat overcoming cylinder port pressure. For better safety and compact assembly, C1 and C2 ports are flanged (gasket mounted) directly on the actuator.

Performance



Technical data

Other technical data

Hydraulic

| Operating pressure | bar (psi) | up to 210 (3000) |
|--------------------|-------------|------------------|
| Max. flow | l/min (gpm) | 50 (13) |

The version with O-Ring and heavier spring is generally recommended.

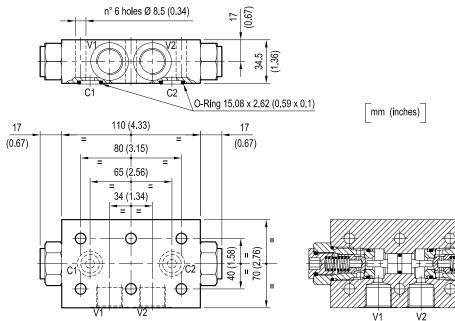
General

| Manifold material | | Aluminium | | |
|-----------------------------|---------------|--|--|--|
| | si), dependin | enough for operating pressures g from the fatigue life expected in the ur Service Network. | | |
| Weight kg (lbs) 1.06 (2.34) | | 1.06 (2.34) | | |
| 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.

Dimensions



Ζ

Ordering code

| | | | 05.53.02 | | X | Y |
|-------------|------------------|------|----------|--|---|---|
| | | | | | | |
| Pilot opera | ated check, dual | | | | | |
| | | | | | | |
| O-Ring or | n pilot piston | Pile | ot ratio | | | |
| = 00 | No O-Ring | 3.2 | 2:1 | | | |
| = 10 | With O-Ring | 3.2 | 2:1 | | | |
| = 25 | With O-Ring | 6 : | 1 | | | |
| | | | | | | |

| Port sizes | V1 - V2 | C1 - C2 | |
|------------|---------|------------|--|
| = 03 | G 1/2 | Ø 7 (0.28) | |

| Туре | Material number |
|-----------------|-----------------|
| 055302000300000 | R930002408 |
| 055302000301000 | R930002409 |
| 055302100301000 | R930002412 |
| 055302250301000 | R930002416 |
| | |

| | | SPRINGS |
|------|----------------------------|--------------------------------|
| | | Cracking pressure bar (psi) |
| = 00 | only for X=00 | 1 (15) |
| = 01 | for X=00, X=10 and X=25 | 8 (116) |

| Туре | Material number | | |
|------|-----------------|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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Subject to change.