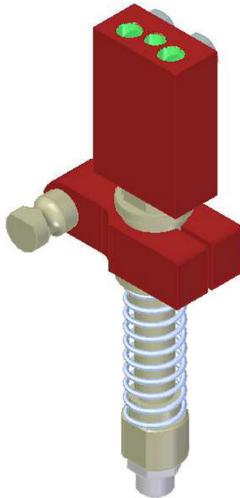


Datasheet

Vacuum Check Valve VT-1H with level compensator, NPT threads, Lock pin 19, Left hand connection

Item number: 6024



- Check valve that traps vacuum in sealed applications for safe operation.
- Built-in blow off check valve for fast release of object.
- Available in lock pin 16, 19 or ball joint mountings, industry standard.
- Available with level compensator to compensate for differences in level of object.
- Recommend using 4mm (5/32") tubing and no more than 80 psi for blow off.
- Recommend using 6mm (1/4") tubing and no more than 80 psi for vacuum.
- Equal line lengths from common manifold should be used for both blow-off and vacuum.
- Maximum of (12) units per tool.

Technical data

| Description | Unit | Value |
|--|-----------------|--|
| Material | - | Al, Ceramic, CuZn, Nitrile (NBR), Polyurethane (PU), SS, Steel |
| Load, vertical, max. | lbf | 157.37 |
| Temperature, max. | °F | 158.0 |
| Temperature, min. | °F | -22.0 |
| Weight, max. | oz | 56.88 |
| Weight, min. | oz | 54.062 |
| Feed pressure, max. (blow-off) | psi | 0.080 |
| Feed pressure, min. (breakaway blow-off) | psi | 0.036 |
| Noise level, max. | dBA | 68 |
| Noise level, min. | dBA | 66 |
| Vacuum flow, range, max. | scfm | 1.44 |
| Life span (at max load) | cycles | 10000000 |
| Volume, internal (level compensator) | in ³ | 0.84 |
| Action range | ° | 0-360 |
| Action range/Stroke | in | 1.97 |
| Spring force, max. | lbf | 14.99 |

Dimensional drawings

