PRODUCT CHECK VALVE (RELIEF VALVE APPLICATION)
PART NUMBER 24040

Product Features

- Low cracking pressure for easy use in most applications
- Standard and non-metallic versions for assured chemical compatibility

Description

In many applications, there is a need to limit the fluid flow to one direction. Our inline check valves are the perfect solution for this need.

Please Note: Use of the improper fittings may damage the check valves and render them non-functional.
Technical Information

Connectivity: ¼-28 x 1
Material: Peek
Pressure rating*: Bar
Nominal flow of air with the pressure drop across the valve of 1 bar: L/min 30
Nominal flow of water with the pressure drop across the valve of 1 bar: L/min 10L/min
Cracking Pressure options: Bar
Seal options: FKM, FFKM
Operating temperature range: C -20°C to 150°C

* Dependent of fitting used

Recommended fittings from Upchurch Scientific

Fitting (P-331, 1/4-28 Peek Nut for 1/8" tubing) Peek
Ferrule (P-359-Tefzel ferrule for 1/8 tubing) Tefzel
Fitting (LT-115, 1/4-28 Peek Nut for 1/16" tubing) Peek
Ferrule (P-248-Tefzel ferrule for 1/16 tubing) Tefzel
Fitting (P-331, 1/4-28 Peek Nut for 2mm tubing) Peek
Ferrule (P-355-KEL-F ferrule for 2mm tubing) Kel-F

Identification

Part number - Body Material-Spring Material-Cracking Pressure (bar) - Seal

Standard Part Number = 24040-PEEK-316SS-0.1BARG-FKM

(standard configuration is with 316 Stainless Steel Springs)
CHECK VALVE PERFORMANCE DATA - 12110 (4mm)
AIR FLOW DATA AT 20°C, CRACKING PRESSURE = 0.1 BARG

CHECK VALVE PERFORMANCE DATA - 12110 (4mm)
WATER FLOW DATA AT 20°C, CRACKING PRESSURE = 0.1 BARG
Dimensions

SECTION A-A

SEALING FACE

NOTE: CONNECTION TUBE MUST NOT EXTEND BEYOND SEALING FACE