

**PRODUCT
PART NUMBER**

**CHECK VALVE (RELIEF VALVE APPLICATION)
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		1/4-28 x 1
Material		Peek
Pressure rating*	Bar	30
Nominal flow of air with the pressure drop across the valve of 1 bar	L/min	10L/min
Nominal flow of water with the pressure drop across the valve of 1 bar	L/min	0.3L/min
Spring material options		316 Stainless Steel
		C276
Cracking Pressure options	Bar	0.1
		1.0
Seal options		FKM
		FFKM
Operating temperature range	C	-20C to 150C

* 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

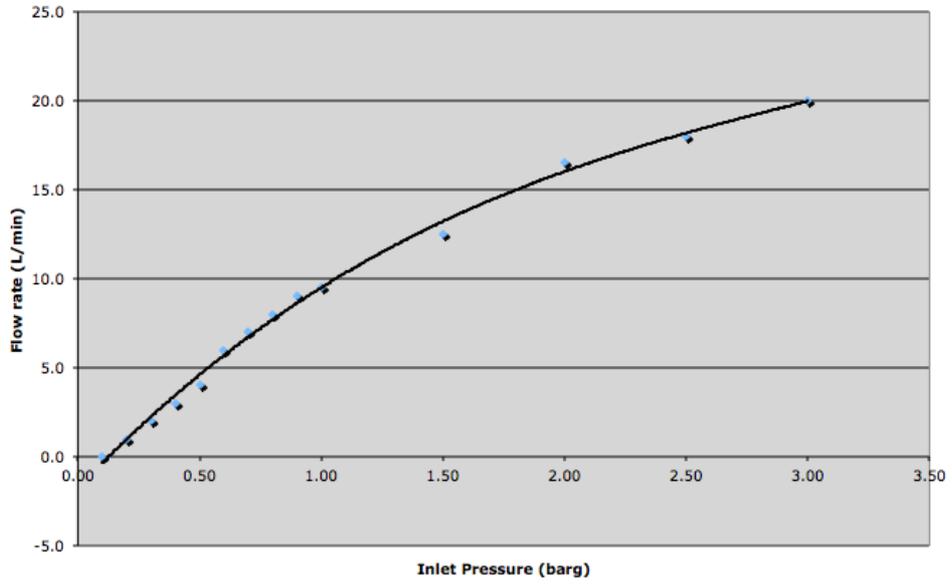
Identification

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

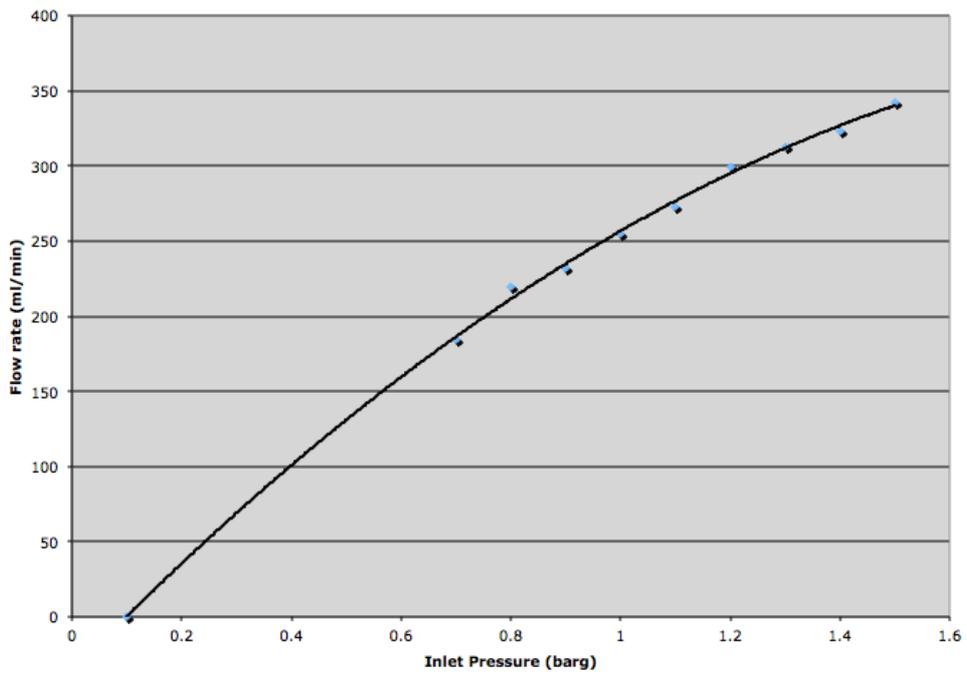
Standard Part Number = 24040-PEEK-316SS-0.1BARG-FKM

(standard configuration is with 316 Stainless Steel Springs)

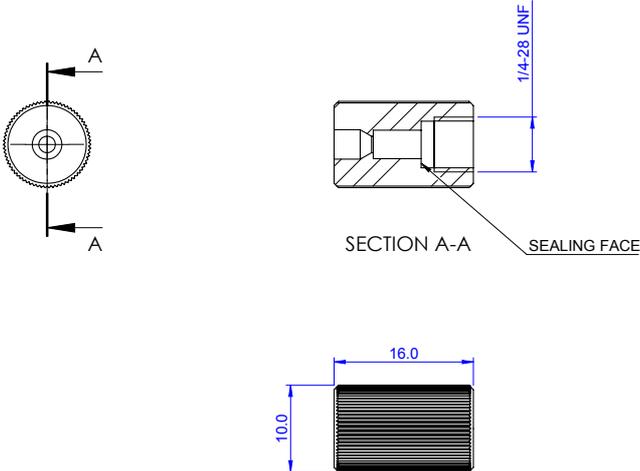
CHECK VALVE PERFORMANCE DATA - 12110 [4mm]
AIR FLOW DATA AT 20C, CRACKING PRESSURE = 0.1 BARG



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



Dimensions



NOTE:- CONNECTION TUBE MUST NOT EXTEND BEYOND SEALING FACE