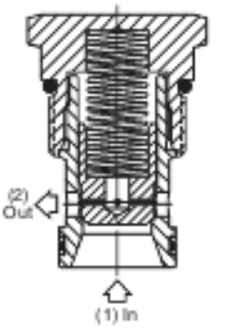
General Description

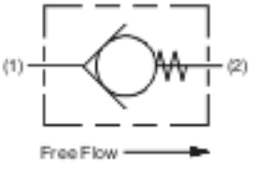
Poppet Type Check Valve. For additional information see Technical Tips on pages CV1-CV4.

Features

- Extra low pressure drop capability for systems up to 250 Bar
- Poppet type construction for minimal leakage - less than 3 drops/min.
- Hardened poppet for maximum durability
- Good contamination tolerance
- All external parts zinc plated

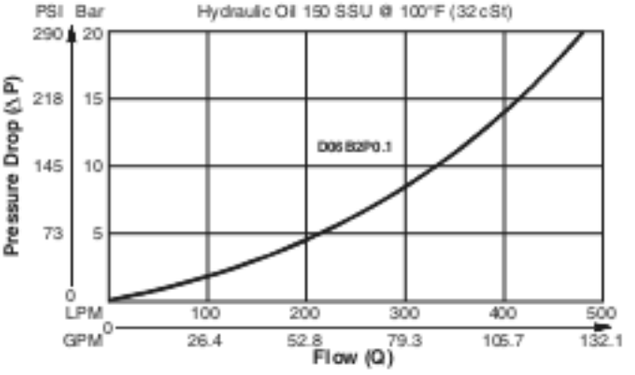






Performance Curve

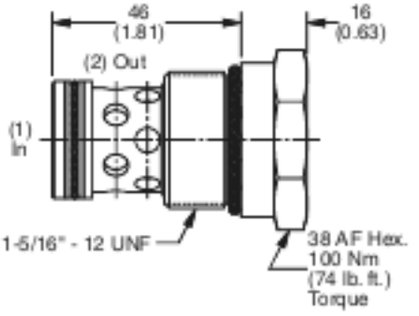
Pressure Drop vs. Flow (Through cartridge only)



Specifications

Rated Flow	500 LPM (132 GPM)
Nominal Flow @ 7 Bar (100 PSI)	280 LPM (74 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Leakage at 150 SSU (32 cSt)	Less than 3 drops/min.
Cartridge Material	Steel operating parts, hardened steel poppet.
Operating Temp. Range/Seals	-40°C to +93.3°C (Nitrile, Buna-N) (-40°F to +200°F) -31.7°C to +121.1°C (Fluorocarbon) (-25°F to +250°F)
Fluid Compatibility/ Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
Filtration	ISO code 16/13, SAE Class 4 or better
Approx. Weight	.27 kg (.60 lbs.)
Cavity	C16-2 (See BC Section for more details)

Dimensions Millimeters (Inches)



Ordering Information

D06B2P – [ ] [ ] – [ ] [ ]

16 Size Check Valve | Cracking Pressure | Seals | Body Material | Port Size

Code	Cracking Pressure
0.0	0.0 Bar (0 PSI)
0.1	0.1 Bar (1.5 PSI) Std.
1.0	1.0 Bar (15 PSI)
2.1	2.1 Bar (30 PSI)
3.4	3.4 Bar (50 PSI)
4.1	4.1 Bar (60 PSI)
7.5	7.5 Bar (109 PSI)

Code	Seals / Kit No.
N	Nitrile, Buna-N / (SIK30507N-1)
V	Fluorocarbon / (SIK30507V-1)

Code	Body Material
Omit	Steel
A	Aluminum

Code	Port Size	Body Part No.
Omit	Cartridge Only	
12P	3/4" NPTF	(B16-2-*12P)
16P	1" NPTF	(B16-2-*16P)
8T	SAE-8	(B16-2-*8T)
12T	SAE-12	(B16-2-*12T)
16T	SAE-16	(B16-2-*16T)
12B	3/4" BSPG	(B16-2-12B)†
16B	1" BSPG	(B16-2-*16B)

***Add "A" for aluminum, omit for steel.**
† Steel body only.