General Description

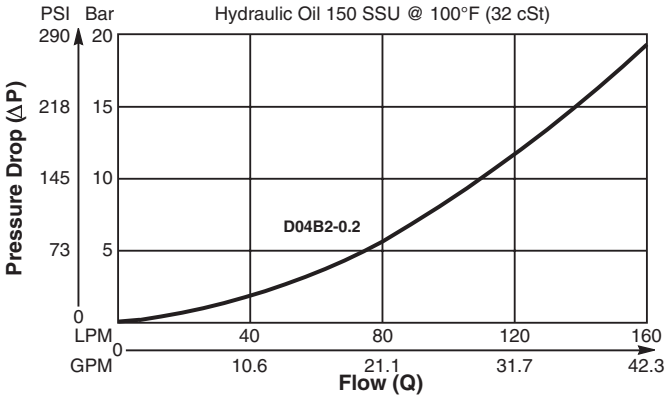
Ball Type Check Valve.
For additional information see Technical Tips on pages CV2-CV3.

Features

- Low leakage - less than 3 drops/min.
- Ball type construction for cost effective design
- Single and dual pilot pistons available to create pilot to open check
- Range of cracking pressures available
- Good contamination tolerance
- All external parts zinc plated

Performance Curve

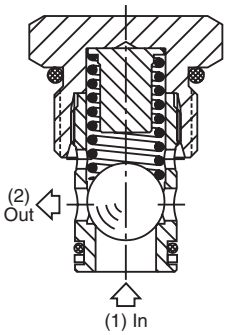
Pressure Drop vs. Flow (Through cartridge only)

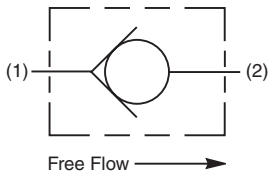


Specifications

Rated Flow	160 LPM (42 GPM)
Nominal Flow @ 7 Bar (100 PSI)	90 LPM (24 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Leakage at 150 SSU (32 cSt)	3 drops/min.
Cartridge Material	Steel operating parts, hardened steel ball.
Operating Temp. Range/Seals	-34°C to +121°C (Nitrile, Buna-N) (-30°F to +250°F) -26°C to +204°C (Fluorocarbon) (-15°F to +400°F)
Fluid Compatibility/ Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
Filtration	ISO-4406 18/16/13, SAE Class 4
Approx. Weight	0.08 kg (0.18 lbs.)
Cavity	C10-2 (See BC Section for more details)

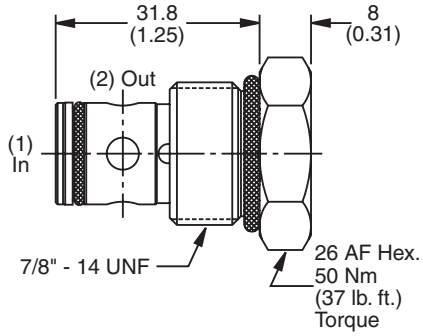






Dimensions

Millimeters (Inches)



Ordering Information

D04B2	–		N
Ball Type Check Valve		Cracking Pressure	Seals

Highlighted represents preferred options that offer the shortest lead times. Other options may be available, but at extended lead times.

Code	Cracking Pressure
0.2	0.2 Bar (3 PSI) Std.
2.1	2.1 Bar (30 PSI)

Code	Seals
N	Nitrile

Kit	Part Number
Nitrile Seal	SK30516N-1
Fluorocarbon Seal	SK30516V-1

Order Bodies Separately
See section BC

B10	–	2	–	8T
10 size		2-Way Cavity		Port Size

Code	Porting / Body Material
8T	SAE-8 / Steel (5000 PSI)