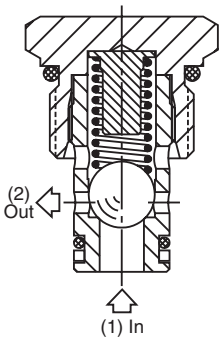
## General Description

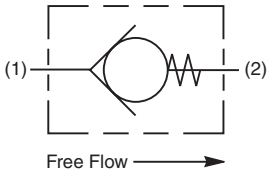
Ball Type Check Valve.
For additional information see Technical Tips on pages CV2-CV3.

## 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 - up to 25 Bar (362 PSI)
- Good contamination tolerance
- All external parts zinc plated

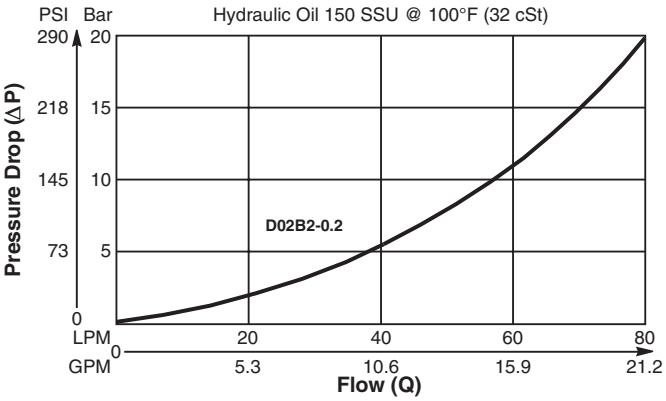




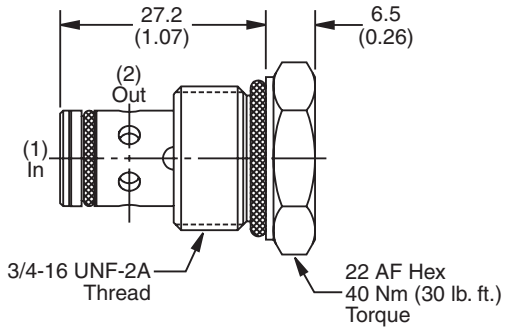

## Performance Curve

**Pressure Drop vs. Flow** (Through cartridge only)




## Dimensions

Millimeters (Inches)




## Specifications

| | |
|---|---|
| Rated Flow | 80 LPM (21 GPM) |
| Nominal Flow @ 7 Bar (100 PSI) | 45 LPM (12GPM) |
| 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 ball. |
| Operating Temp. Range/Seals | -34°C to +121°C (Nitrile Buna-N)<br>(-30°F to +250°F)<br>-26°C to +204°C (Fluorocarbon)<br>(-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 | 0.05 kg (0.11 lbs.) |
| Cavity | C08-2<br>(See BC Section for more details) |

## Ordering Information

**D02B2** – [ ] **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. |
| 1.0 | 1.0 Bar (15 PSI) |
| 2.1 | 2.1 Bar (30 PSI) |
| 3.4 | 3.4 Bar (50 PSI) |
| 6.0 | 6.0 Bar (87 PSI) |

| Code | Seals |
|---|---|
| N | Nitrile |

| Kit | Part Number |
|---|---|
| Nitrile Seal | SK30515N-1 |
| Fluorocarbon Seal | SK30515V-1 |

*Order Bodies Separately*
*See section BC*

**B08** – **2** – **6T**

08 size | 2-Way Cavity | Port Size

| Code | Porting / Body Material |
|---|---|
| 6T | SAE-6 / Steel (5000 PSI) |