

**Technical Information**

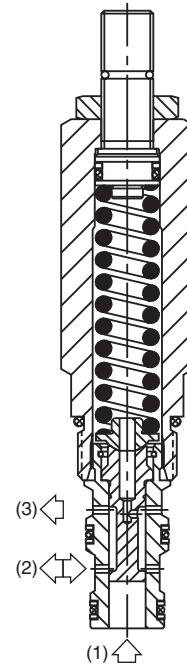
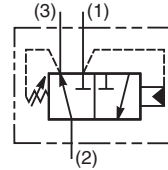
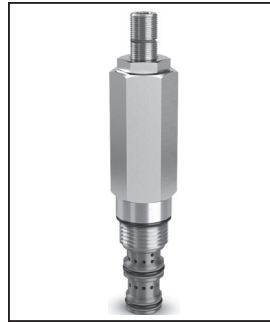
- CV** Check Valves
- SH** Shuttle Valves
- LM** Load/Motor Controls
- FC** Flow Controls
- PC** Pressure Controls
- LE** Logic Elements
- DC** Directional Controls
- MV** Manual Valves
- SV** Solenoid Valves
- PV** Proportional Valves
- CE** Coils & Electronics
- BC** Bodies & Cavities
- TD** Technical Data

**General Description**

Direct Acting Sequence Valve with Internal Pilot and Drain. For additional information see Technical Tips on pages PC1-PC6.

**Features**

- Hardened working parts for maximum durability
- All external parts zinc plated
- Adjustable and tamperproof versions available



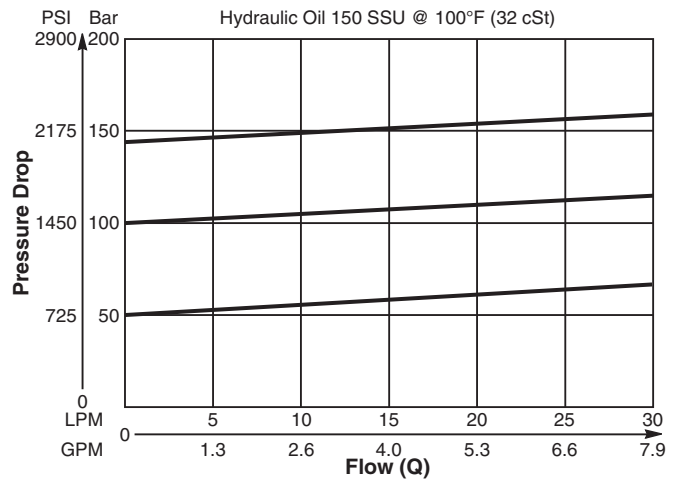
**Specifications**

<b>Rated Flow</b>	30 LPM (8 GPM)
<b>Maximum Inlet Pressure</b>	420 Bar (6000 PSI)
<b>Maximum Pressure Setting</b>	2-148 Bar (30-2150 PSI)
<b>Sensitivity: Pressure/Turn</b>	<b>F</b> 22 Bar (318 PSI)
<b>Maximum Tank Pressure</b>	420 Bar (6000 PSI)
<b>Leakage at 150 SSU (32 cSt)</b>	25 ml/min. @ 35 Bar (580 PSI)
<b>Cartridge Material</b>	All parts steel. All operating parts hardened steel.
<b>Operating Temp. Range/Seals</b>	-34°C to +121°C (Nitrile) (-30°F to +250°F) -26°C to +204°C (Fluorocarbon) (-15°F to +400°F)
<b>Fluid Compatibility/Viscosity</b>	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
<b>Filtration</b>	ISO-4406 18/16/13, SAE Class 4
<b>Approx. Weight</b>	0.21 kg (0.46 lbs.)
<b>Cavity</b>	C08-3 (See BC Section for more details)
<b>Form Tool</b>	Rougher NFT08-3R Finisher NFT08-3F

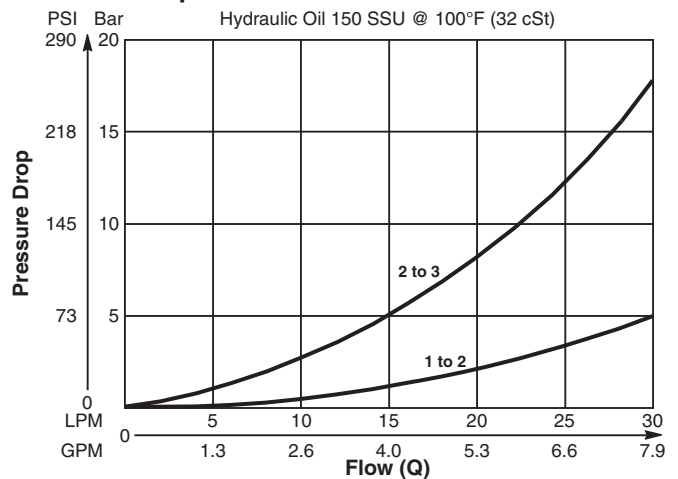
**Performance Curves**

(Pressure rise through cartridge only)

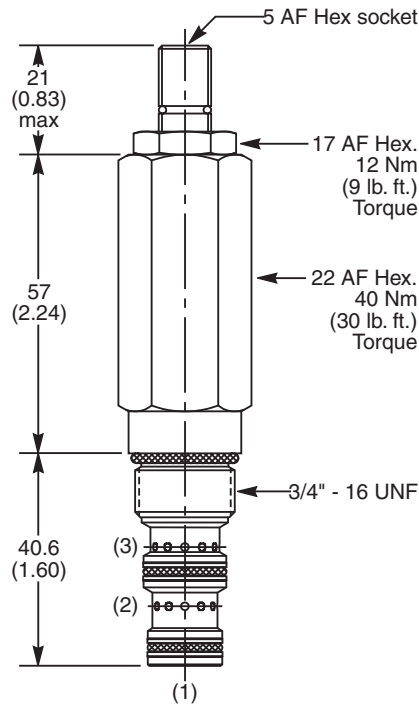
**Flow vs. Inlet Pressure 1 to 2**



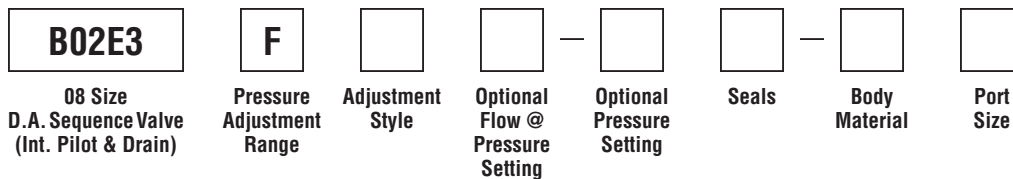
**Pressure Drop vs. Flow**



**Dimensions** Millimeters (Inches)



**Ordering Information**



Code	Pressure Adjustment Range
F	2 - 148 Bar (30 - 2150 PSI)

Optional Pressure Setting	
Specify setting if required (Bar)	
<b>B02E3F</b> Standard Setting: 75 Bar (1100 PSI) @ 5 LPM (1.3 GPM)	

Code	Body Material
Omit	Steel
A	Aluminum

Code	Adjustment Style / Kit No.
Z	Screw Adjust (Std.)
W	Knob Adjust
T	Tamper Resistant Cap (TC1130)

Code	Seals / Kit No.
N	Nitrile, Buna-N (Std.) / (SK30501N-1)
V	Fluorocarbon / (SK30501V-1)

Code	Port Size	Body Part No.
Omit	Cartridge Only	
4T	SAE-4	(B08-3-*4T)
6T	SAE-6	(B08-3-*6T)

\* Add "A" for aluminum, omit for steel.

Optional Flow @ Pressure Setting	
If you require a maximum pressure setting at a flow rate, please enter it here in Liters per minute (LPM).	
Standard setting: 5 LPM (1.3 GPM)	

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