

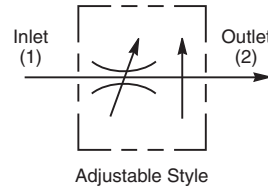
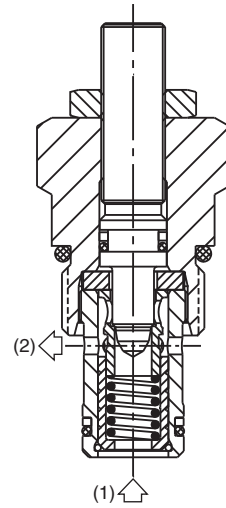
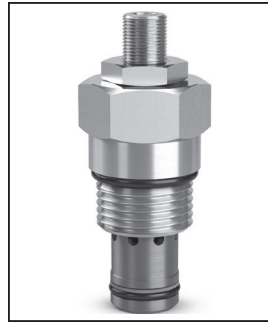
CV
Check Valves
SH
Shuttle Valves
LM
Load/Motor Controls
FC
Flow Controls
PC
Pressure Controls
LF
Logic Elements
DC
Directional Controls
SV
Solenoid Valves
PV
Proportional Valves
CE
Coils & Electronics
BC
Bodies & Cavities
TD
Technical Data

General Description

Restrictive Variable Orifice Style, Pressure Compensated Flow Control Valve. For additional information see Technical Tips on pages FC1-FC4.

Features

- Minimal flow change with pressure variation
- Partial reverse flow capability
- Full adjustment from 1-40 LPM (0.3-10.6 GPM)
- Hardened working parts for maximum durability
- Adjustable and tamperproof versions available
- All external parts zinc plated

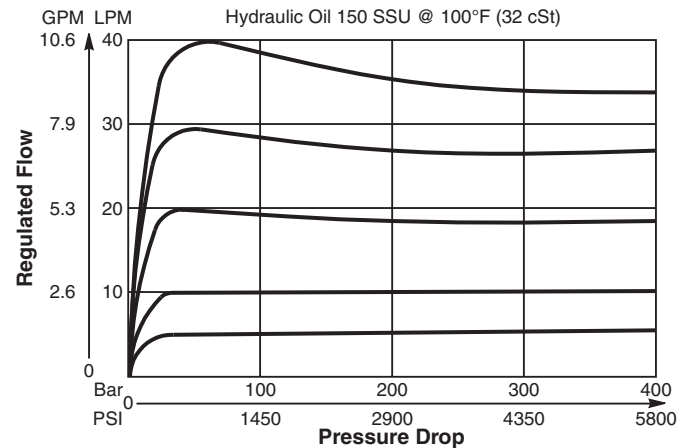


Specifications

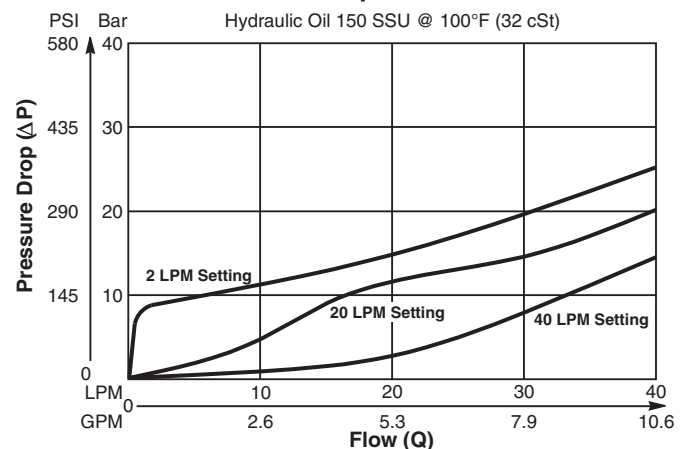
Rated Flow	40 LPM (10.6 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Cartridge Material	All parts steel. All operating parts hardened steel.
Fluid Compatibility/Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
Filtration	ISO-4406 18/16/13, SAE Class 4
Approx. Weight	.15 kg (.33 lbs.)
Cavity	C10-2 (See BC Section for more details)
Form Tool	Rougher Finisher None NFT10-2F

Performance Curves (Through cartridge only)

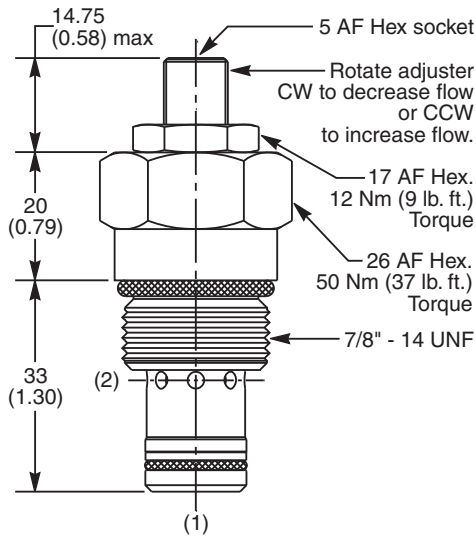
Flow Regulating Performance 1 to 2



Reverse Flow Pressure Drop vs. Flow 2 to 1



Dimensions Millimeters (Inches)



Ordering Information

J04C2	Z	N
10 Size Pressure Compensated Flow Control Valve	Adjustment Style	Seals

Code	Adjustment Style
Z	Screw Adjust

Standard valve has a flow setting of 20 LPM.
Valves are supplied at Standard setting.
Other settings are available, please contact Parker Sales.

Code	Seals / Kit No.	Operating Temp.
N	Nitrile, Buna-N / (SK30503N-1)	-34°C to +121°C (-30°F to +250°F)

Order Bodies Separately
See section BC

B10	—	2	—	8B
10 Size		2-Way Cavity		Port Size

Port Size
1/2" BSP

Body Material
Steel

- CV**
Check Valves
- SH**
Shuttle Valves
- LM**
Load/Motor Controls
- FC**
Flow Controls
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Pressure Controls
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