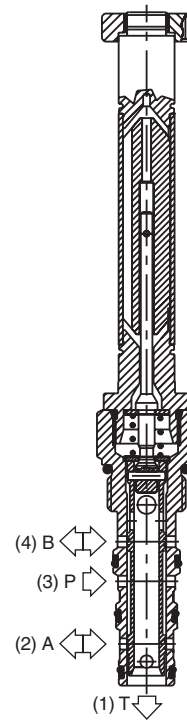
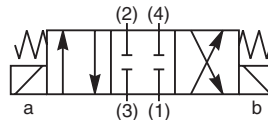
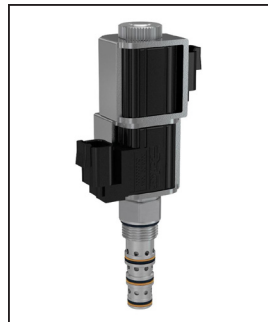


General Description

4-Way, 3 Position, Closed Center Spool Valve.
 For additional information see Technical Tips on pages SV2-SV6.

Features

- Four way closed center valve designed to operate double acting cylinders and bi-directional motors, etc.
- One piece cartridge housing ensures internal concentricity
- Coil: Waterproof, hermetically sealed, requires no O'Rings; Symmetrical coil can be reversed without affecting performance.

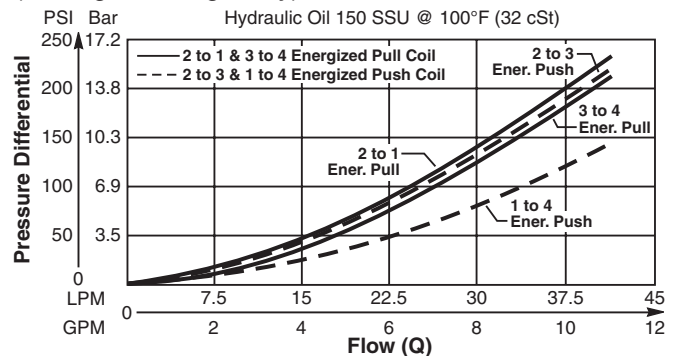


Specifications

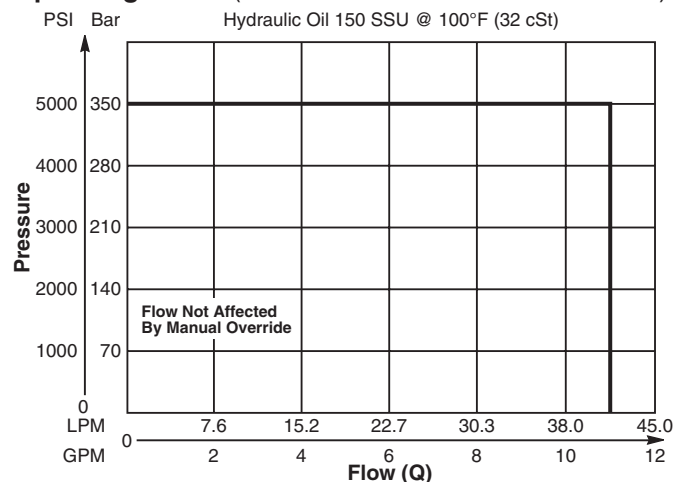
Rated Flow	42 LPM (11 GPM)
Maximum Inlet Pressure	350 Bar (5000 PSI)
Maximum Tank Pressure	210 Bar (3000 PSI)
Leakage at 150 SSU (32 cSt)	160 cc/min @ 210 Bar (3000 PSI)
Minimum Operating Voltage	85% of rated voltage at 20°C (72°F).
Response Time	Open 30-60 ms Close 20-40 ms
Cartridge Material	All parts steel. All operating parts hardened steel.
Operating Temp. Range/Seals	-34°C to +121°C (Nitrile) (-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	.26 kg (.58 lbs.)
Cavity	C10-4 (See BC Section for more details)

Performance Curves

Pressure Drop vs. Flow Energized - GS045250ND
 (Through cartridge only)

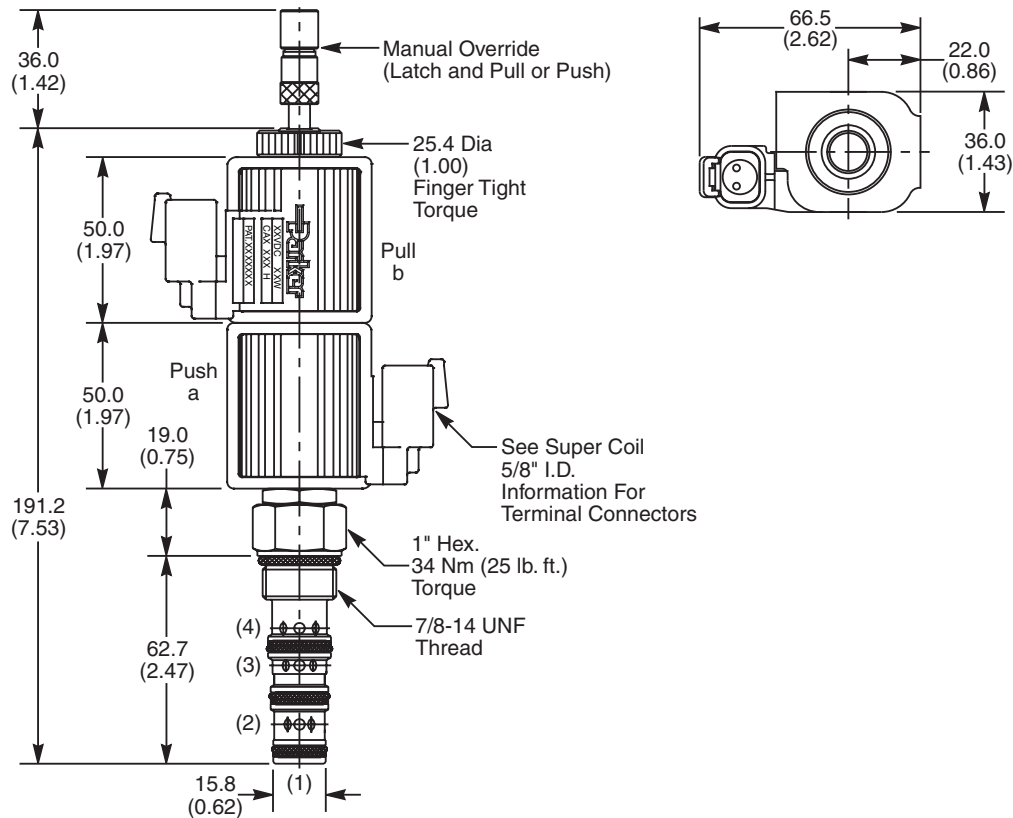


Operating Limits (Measured at 75% of Nominal Current)



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

Dimensions Millimeters (Inches)



Ordering Information

GS04	52		0	N	D
10 Size Solenoid Valve	Style	Override Option	Screen	Seals	Design Level

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

Coil(s) sold separately. Please see section CE of this catalog, 5/8" Super-Coil (CA series), for ordering information.

Code	Style
52	High Flow and Pressure ('SP' Coil)

Code	Screen
0	None (Contact factory for OEM requirements)

Code	Override Options
0	None
5	Standard - Center Detent only, Latch Operated, Push and Pull (*40 nt/9 lbs.)

Code	Seals
N	Nitrile

Code	Design Level
D	Industry Common Cavity

*Force to push at 210 Bar (3000 PSI). Less to Pull.

Kit	Part Number
Nitrile Seal	SK30506N-1
Fluorocarbon Seal	SK30506V-1

Order Bodies Separately
 See section BC

B10	—	4	—	8T
10 size		4-Way Cavity		Port Size

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

CV
Check Valves

SH
Shuttle Valves

LM
Load/Motor Controls

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Flow Controls

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