

General Description

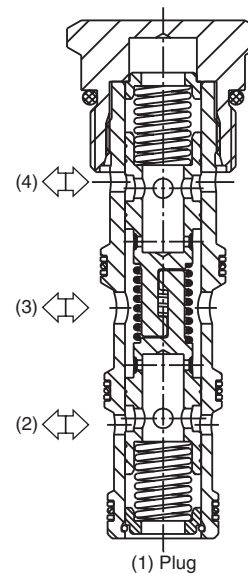
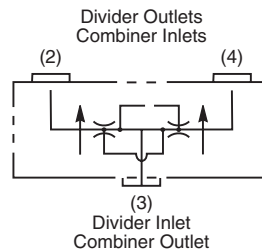
Spool Type, Flow Divider/Combiner Valve.
 For additional information see Technical Tips on pages FC2-FC5.

Features

- Interlocking spools for equal control dividing or combining
- Range of flow settings available for optimising control
- Pressure compensated control in both directions
- 50/50 ratio standard, other ratios available on request
- Commonly used for differential lock in transmission applications
- Hardened working parts for maximum durability
- All external parts zinc plated

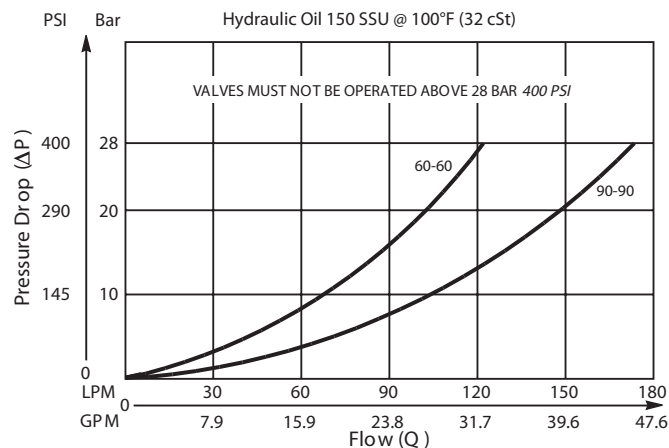
Specifications

Rated Flow	180 LPM (47 GPM)
Maximum Inlet Pressure	420 LPM (6000 PSI)
Flow Rating and Ratio	See Ordering Information
Accuracy Per Leg	±10%
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	0.40 kg (0.86 lbs.)
Cavity	C16-4 (See BC Section for more details)



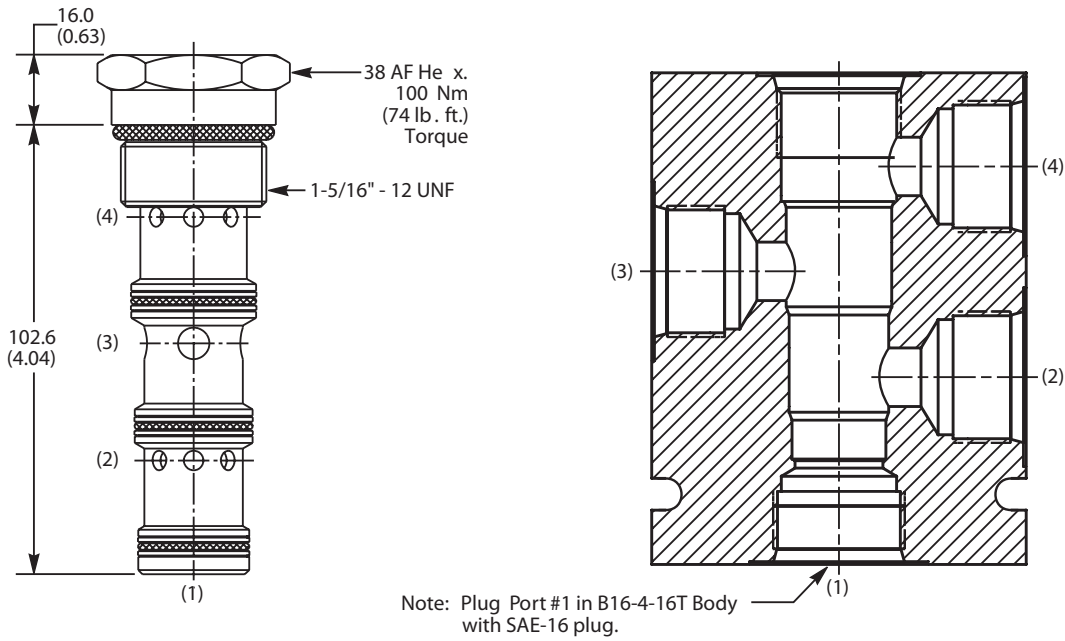
Performance Curve

Pressure Drop vs. Flow (Through cartridge only)



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

L06A3

16 Size
Flow Divider/
Combiner Valve

Flow Rating
and Ratio

N

Seals

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

Code	Total Flow Rating - Port 3 (Flow Ratio)
60-60	35-120 LPM (9.2-31.7 GPM) (50/50 Ratio)
90-90	65-180 LPM (17.2-47.8 GPM) (50/50 Ratio)

Code	Seals
N	Nitrile

Order Bodies Separately
See section BC

B16

16 size

4

4-Way
Cavity

16T

Port
Size

Code	Porting / Body Material
16T	SAE-16 / Steel (5000 PSI)

Kit	Part Number
Nitrile Seal	SK30510N-1
Fluorocarbon Seal	SK30510V-1

CV
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