

**General Description**

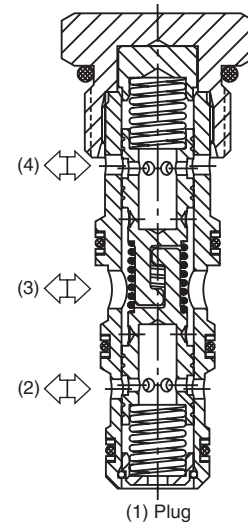
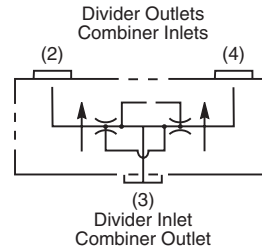
Spool Type, Flow Divider/Combiner Valve.  
 For additional information see Technical Tips on pages FC2-FC5.

**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

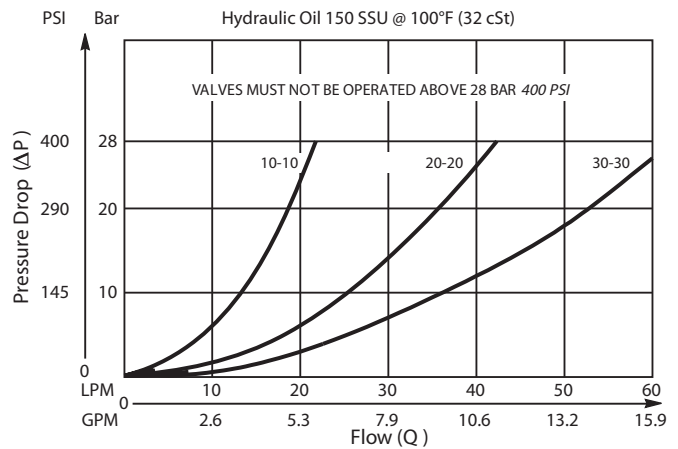
**Specifications**

Rated Flow	60 LPM (16 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	0.12 kg (0.26 lbs.)
Cavity	C10-4 (See BC Section for more details)



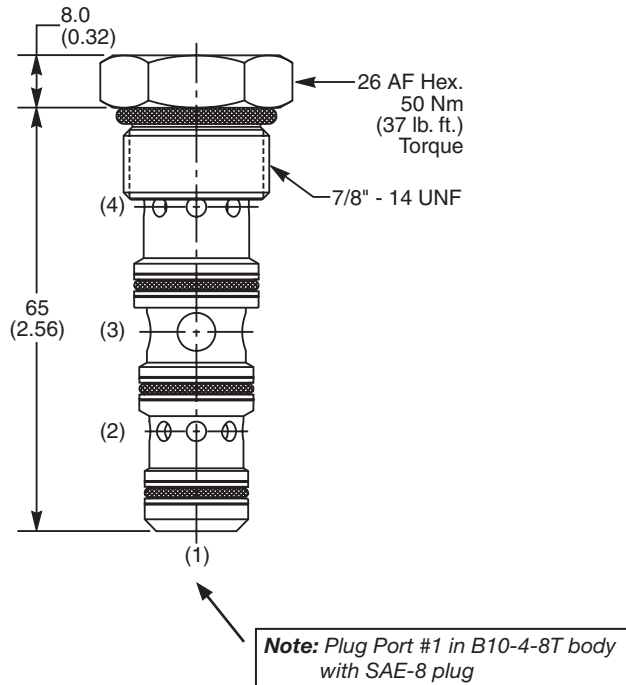
**Performance Curves**

Flow vs. Inlet Pressure (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**

**L04A3** —  — **N**

Size 10 Flow Divider Combiner Valve      Flow Rating and Ratio      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)
10-10	8-20 LPM (2.1-5.3 GPM) (50/50 Ratio)
20-20	12-40 LPM (3.2-10.6 GPM) (50/50 Ratio)
30-30	14-60 LPM (3.7-15.9 GPM) (50/50 Ratio)

Code	Seals
N	Nitrile

Order Bodies Separately  
 See section BC

**B10** — **4** — **8T**

10 size      4-Way Cavity      Port Size

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

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

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