

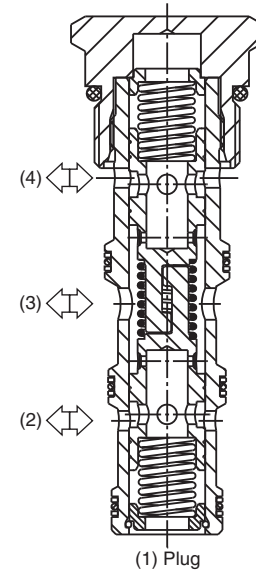
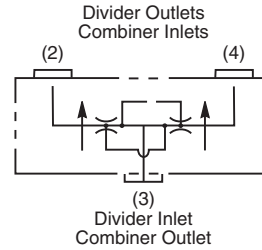
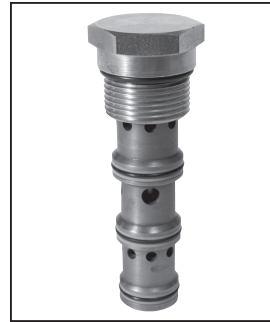
- CV Check Valves
- SH Shuttle Valves
- LM Load/Motor Controls
- FC Flow Controls
- PC Pressure Controls
- LE Logic Elements
- DC Directional Controls
- SV Solenoid Valves
- PV Proportional Valves
- CE Coils & Electronics
- BC Bodies & Cavities
- TD Technical Data

### General Description

Spool Type, Flow Divider/Combiner Valve. For additional information see Technical Tips on pages FC1-FC4.

### 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

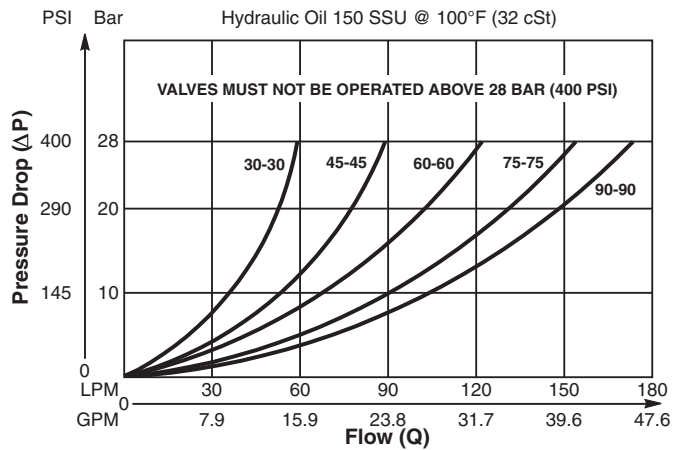


### Specifications

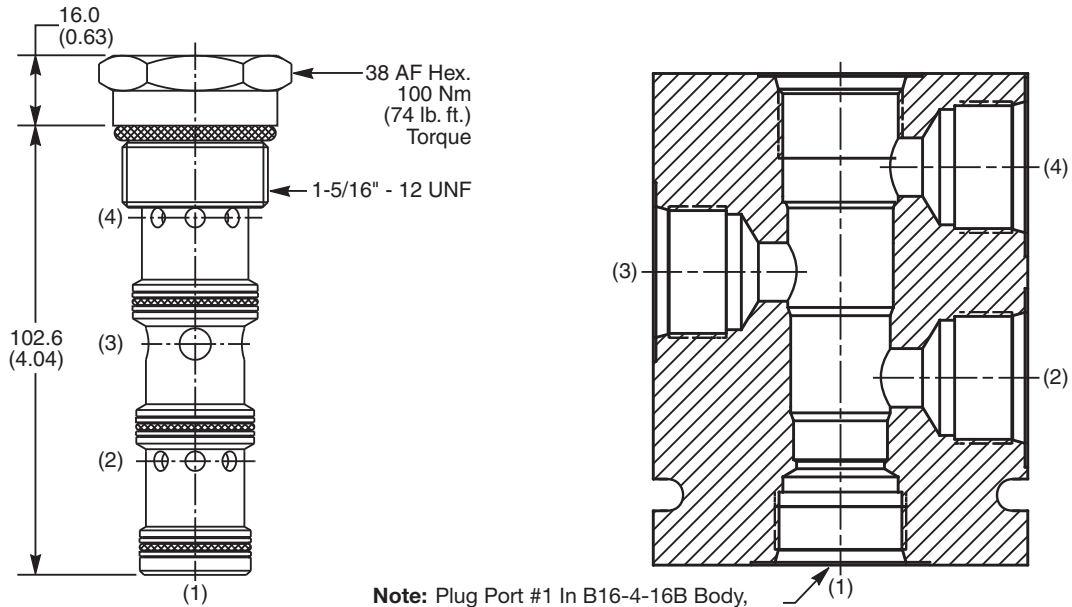
<b>Rated Flow</b>	180 LPM (47 GPM)
<b>Maximum Inlet Pressure</b>	420 Bar (6000 PSI)
<b>Flow Rating and Ratio</b>	See Ordering Information
<b>Accuracy Per Leg</b>	± 10%
<b>Cartridge Material</b>	All parts steel. All operating parts hardened steel.
<b>Fluid Compatibility/Viscosity</b>	Mineral-based or 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>	.40 kg (0.86 lbs.)
<b>Cavity</b>	C16-4 (See BC Section for more details)
<b>Form Tool</b>	Rougher Finisher

### Performance Curve

**Pressure Drop vs. Flow (Through cartridge only)**



**Dimensions** Millimeters (Inches)



**Note:** Plug Port #1 In B16-4-16B Body, use Parker #16HP50N-S Hollow Hex Plug.

**Ordering Information**

**L06A3** —  — **N**

16 Size Flow Divider/Combiner Valve      Flow Rating and Ratio      Seals

Code	Total Flow Rating - Port 3 (Flow Ratio)
30-30	20-60 LPM (5.3-15.9 GPM) (50/50 Ratio)
45-45	25-90 LPM (6.6-23.8 GPM) (50/50 Ratio)
60-60	35-120 LPM (9.2-31.7 GPM) (50/50 Ratio)
75-75	55-150 LPM (14.6-39.6 GPM) (50/50 Ratio)
90-90	65-180 LPM (17.2-47.8 GPM) (50/50 Ratio)

Code	Seals / Kit No.	Operating Temp.
N	Nitrile, Buna-N / (SK30510N-1)	-34°C to +121°C (-30°F to +250°F)

Order Bodies Separately  
 See section BC

**B16** — **4** — **16B**

16 Size      4-Way Cavity      Port Size

Port Size: 1" BSP      Body Material: Steel

- CV** Check Valves
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