

CV

Check
Valves

SH

Shuttle
Valves

LM

Load/Motor
Controls

FC

Flow
Controls

PC

Pressure
Controls

LE

Logic
Elements

DC

Directional
Controls

MV

Manual
Valves

SV

Solenoid
Valves

PV

Proportional
Valves

CE

Coils &
Electronics

BC

Bodies &
Cavities

TD

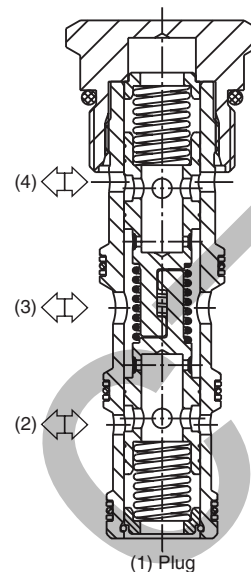
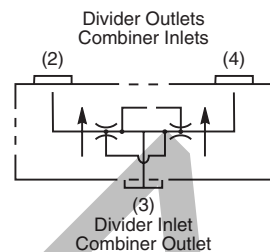
Technical
Data

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

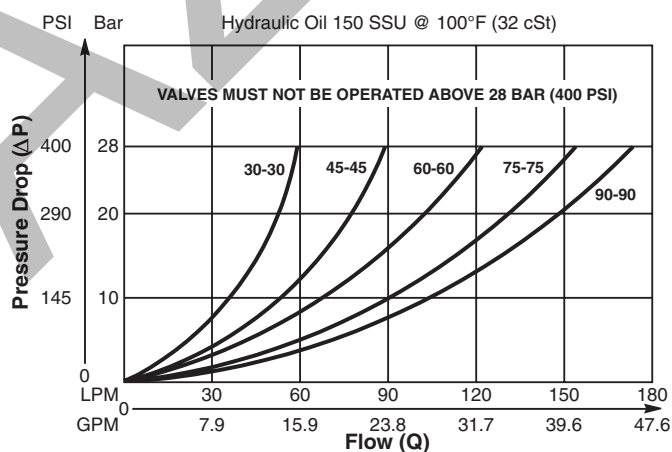


Specifications

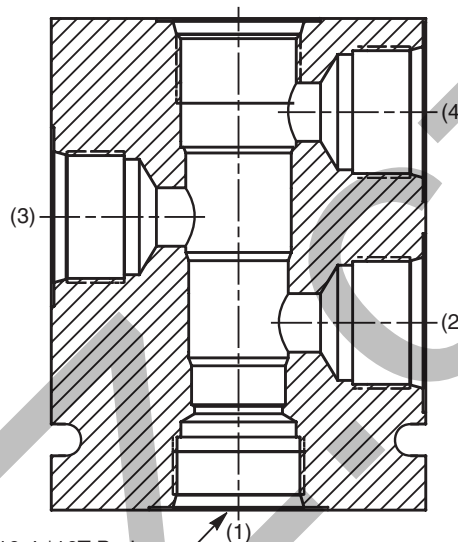
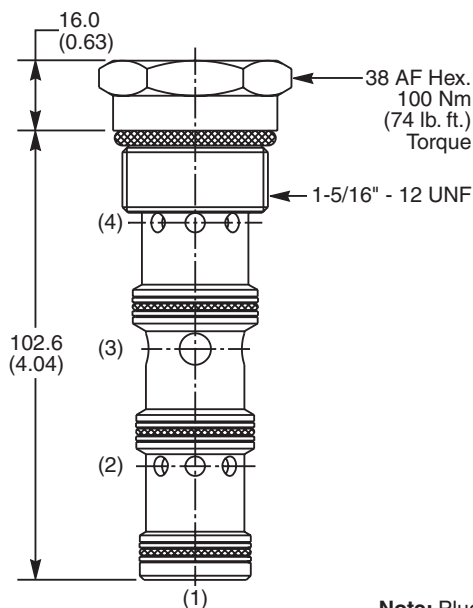
Rated Flow	180 LPM (47 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Flow Rating and Ratio	See Ordering Information
Accuracy Per Leg	± 10%
Cartridge Material	All parts steel. All operating parts hardened steel.
Operating Temp. Range/Seals	-34°C to +121°C (Nitrile) (-30°F to +250°F) -26°C to +204°C (Fluorocarbon) (-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	.40 kg (0.86 lbs.)
Cavity	C16-4 (See BC Section for more details)
Form Tool	Rougher Finisher

Performance Curve

Pressure Drop vs. Flow (Through cartridge only)



Dimensions Millimeters (Inches)



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

Ordering Information

L06A3 — ☐ — ☐

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)

Other ratios and ratings available on request.

Code	Seals / Kit. No.
N	Nitrile, Buna-N (Std.) / (SK30510N-1)
V	Fluorocarbon / (SK30510V-1)

Order Bodies Separately

B16 — **4** — ☐ — ☐

16 Size 4-Way Cavity Body Material Port Size

Code	Body Material
Omit	Steel
A	Aluminum

Code	Port Size	Body Part No.
Omit	Cartridge Only	
16T	SAE-16	(B16-4-*16T)

* Add "A" for aluminum, omit for steel.