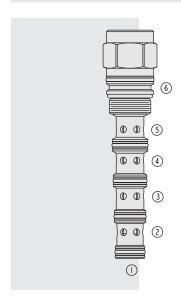
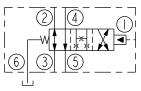
# PD16-S60N Piloted 4-Way Spool

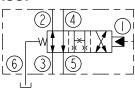


### **SYMBOLS**

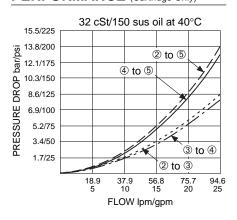
#### **USASI:**



#### ISO:



#### PERFORMANCE (Cartridge Only)



#### DESCRIPTION

A screw-in, cartridge-style, pilot-operated, spool-type, hydraulic directional valve.

#### **OPERATION**

In the neutral position, the **PD16-S60N** allows flow between ports @ and @, and from @ to @. On remote pilot signal at @, the valve shifts to allow flow between @ and @ and from @ to @. The spring chamber is vented to the tank through port @. The vented spring chamber allows the valve to be fully pressurized at ports @, @, @ and @ without affecting required pilot pressure. Pressure at port @ will affect required pilot pressure.

#### **FEATURES**

- · Hardened spool and cage for long life.
- 60, 80, 110 and 170 psi bias springs available.

#### **RATINGS**

Operating Pressure: 240 bar (3500 psi)

Flow: 0-95 lpm (0-25 gpm); See Performance Chart

Maximum Internal Leakage: at 207 bar (3000 psi): 164 ml/minute (10 cu. in./minute)

Pilot Pressure Required: 4.1 bar (60 psi) mimimum Oil Volume Required to Full Shift: 1.5 cc (0.09 cu. in.)

Temperature: -40 to 120°C Filtration: See page 9.010.1

Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 sus); See Temperature and Oil Viscosity, page 9.060.1

Installation: No restrictions; See page 9.020.1

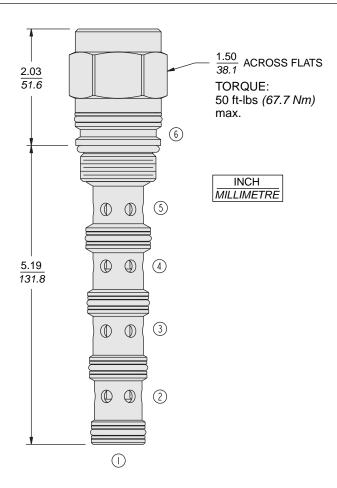
Cavity: VC16-S6; See page 9.116.1

Cavity Tool: CT16-S6XX; See page 8.600.1 Seal Kit: SK16-S6X-BMMMM; See page 8.650.1



## PD16-S60N

#### **DIMENSIONS**



## **MATERIALS**

Cartridge: Weight: 0.25 kg. (0.55 lbs.) Steel with hardened work surfaces. Zinc-plated exposed surfaces. Buna N O-rings and polyester elastomer back-ups standard.

Ported Body: Consult factory.

## **TO ORDER**

