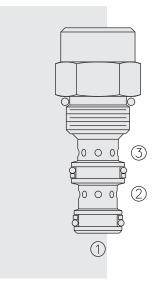
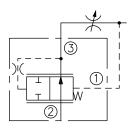
# EC08-32 Pressure-Compensator w/Load Sense



# SYMBOL

#### **USASI/ISO:**



### DESCRIPTION

A screw-in, cartridge-style, load sense, flow-on-demand pressure-compensator.

#### OPERATION

With inlet flow at @, the **EC08-32** will deliver required flow at @ in response to load differential pressure sensed at @.

### FEATURES

- Hardened parts for long life.
- Quiet, modulated response.
- Industry common cavity.

### RATINGS

**Operating Pressure:** 241 bar (3500 psi)

Proof Pressure: 345 bar (5000 psi)

Burst Pressure: 1034 bar (15000 psi)

- Flow Rate: 11.4 lpm (3.0 gpm) with 5.5 bar (80 psi) compensating spring; 18.9 lpm (5.0 gpm) with 10.3 bar (150 psi) compensating spring 30.3 lpm (8.0 gpm) with 17.2 bar (250 psi) compensating spring
- 30.3 lpm (8.0 gpm) with 17.2 bar (250 psi) compensating spring 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

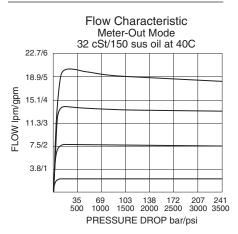
Installation: No restrictions; See page 9.020.1

Cavity: VC08-3; See page 9.108.1

Cavity Tool: CT08-3XX; See page 8.600.1

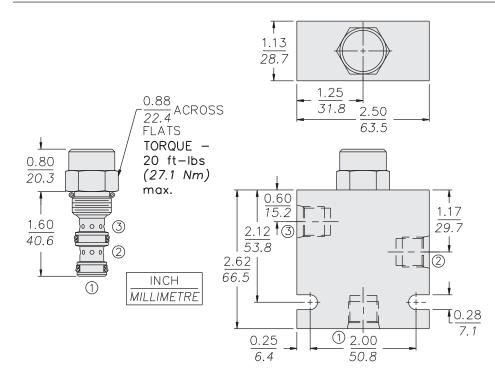
Seal Kit: SK08-3X-M; See page 8.650.1

## PERFORMANCE (Cartridge Only)



# EC08-32

#### DIMENSIONS



## MATERIALS

- **Cartridge:** Weight: 0.10 kg. (0.22 lbs.) Steel with hardened work surfaces. Zinc-plated exposed surfaces. Buna N O-rings and back-ups standard.
- Standard Ported Body: Weight: 0.27 kg. (0.60 lbs.) Anodized highstrength 6061 T6 aluminum alloy, rated to 207 bar (3000 psi). Ductile iron bodies available; dimensions may differ. See page 8.008.1.

### **TO ORDER**

