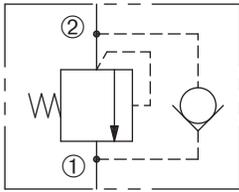


RV-060

Relief Valve,
Anti-Cavitation Check
5500 psi (380 bar)

SERIES 060



DESCRIPTION

A cartridge valve designed to combine a shock relief valve, (direct acting) and anti-cavitation function through the check valve.

OPERATION

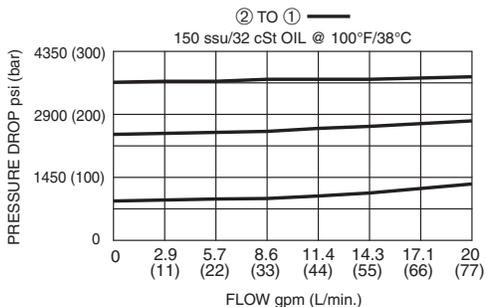
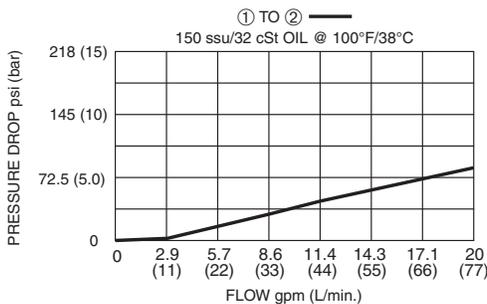
The RV-060 prevents flow from ② to ① until the set crack pressure at ② is achieved. The poppet then unseats allowing flow from ② to ①, protecting the circuit from over pressurization.

The RV-060 allows free flow from ① to ②. As pressure at ① exceeds pressure at ②, the valve unseats from the cavity allowing flow from ① to ②. This provides anti-cavitation function through the check valve.

FEATURES and BENEFITS

- Rapid response to pressure surges.
- Anti-cavitation function through the check valve.
- Hardened precision poppet and seat for long life.
- Fast opening and closing.
- Low hysteresis.
- Compact size.

PRESSURE DROP VS. FLOW



SPECIFICATIONS

Operating Pressure: 5500 psi (380 bar)

Flow: See PRESSURE DROP VS. FLOW graph.
Nominal Flow 20 gpm (77 lpm)

Internal Leakage: 1.0 cc/min at 80% set

Crack Pressure Defined: Determined at .25 gpm (0.9 lpm)

Reseat Pressure: Nominal 80% of crack pressure

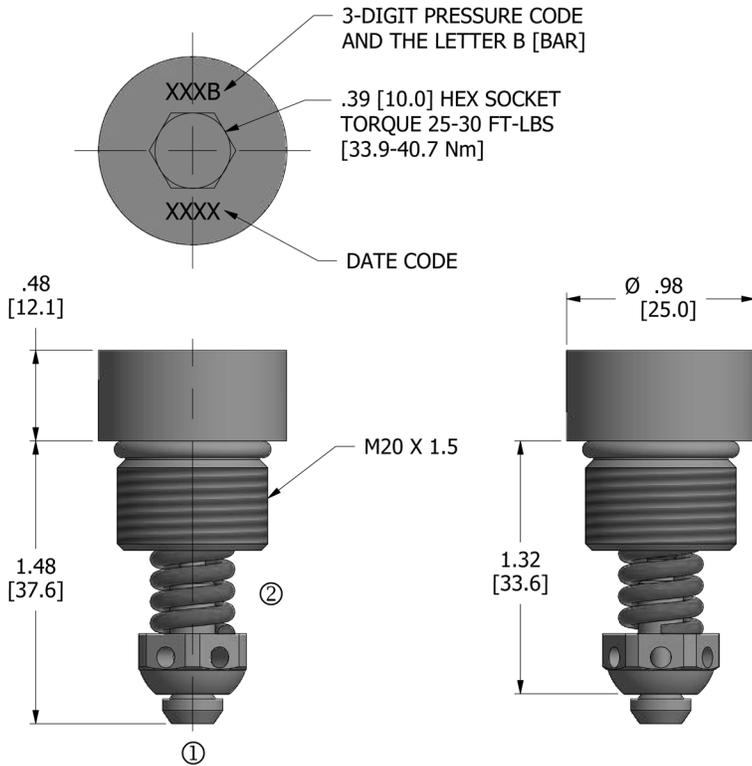
Temperature: -30°F to +220°F (-35°C to +104°C)

Recommended Filtration: ISO 20/18/14

Fluids: Mineral-based fluids.

Cavity/Cavity Tool: R06-2, see page 11.26.2

DIMENSIONS Inches [Millimeters]



HOW TO ORDER



Seals	Seal Kit
Buna N	(1) 10238-94

Factory Preset Bar					
	Available in 5 bar increments	Spring Color		Available in 5 bar increments	Spring Color
100	100 bar (1450 psi)	blue	235	235 bar (3408 psi)	gray
	to			to	
140	140 bar (2030 psi)	red	300	300 bar (4350 psi)	yellow
145	145 bar (2102 psi)			305	
	to			to	
180	180 bar (2610 psi)	white	380	380 bar (5510 psi)	
185	185 bar (2682 psi)				
	to				
230	230 bar (3335 psi)				

All variations may not be configurable. Minimum order quantities may be required on other models. Contact Deltrol Fluid Products for complete details.

