DE-RVD DIFFERENTIAL AREA RELIEF VALVE

DESCRIPTION

OPERATION
The DE-RVD blocks flow from (1) to (2) until sufficient pressure is present at (1) to force the poppet to open and allow metered flow from (1) to (2). The cartridge offers smooth transition in response to load changes in common hydraulic circuits.

FEATURES
- Hardened parts for long life.
- Industry common cavity.

HYDRAULIC SYMBOL

PERFORMANCE
Actual Test Data (Cartridge Only)

VALVE SPECIFICATIONS
- Nominal Flow: 15 GPM (57 LPM)
- Rated Operating Pressure: 4000 PSI (276 bar)
- Viscosity Range: 36 to 3000 SSU (3 to 647 cSt)
- Filtration: ISO 18/16/13
- Media Operating Temp. Range: -40° to 250°F (-40° to 120°C)
- Weight: .57 lbs (.26 kg)
- Operating Fluid Media: General Purpose Hydraulic Fluid
- Cartridge Torque Requirements: 30 ft-lbs (40.6 Nm)
- Cavity: DELTA 2W
- Cavity Form Tool (Finishing): 40500000
- Seal Kit: 21191200

WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

Low PSI/turn adjustment.
Good pressure vs. flow characteristic.

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**ORDERING INFORMATION**

**DE-RVD**

**OPTIONS**
- Buna Standard: 00
- Viton Standard: V0
- Buna, Screen: A0
- Viton, Screen: W0
- Buna, Knob: 0K
- Viton, Knob: VK
- Buna, Knob, Screen: AK
- Viton, Knob, Screen: WK

**BODIES**
- Blank: Without Body
- N: 3/8" NPTF Ports
- S: #8 SAE Ports

**PRESSURE RANGE/SETTING**
- 0200: 50 - 200 PSI
- 1500: 200 - 1500 PSI
- 3000: 1500 - 3000 PSI
- 4000: 2500 - 4000 PSI

Note: use screen only if flow direction is from (1) to (2).