**HE-RWP  RAPID RESPONSE, PILOT OPERATED RELIEF VALVE**

**DESCRIPTION**

**OPERATION**
The HE-RWP blocks flow from (2) to (1) until sufficient pressure is present at (2) to force the pilot stage open, allowing the main stage to shift, opening (2) to (1).

**FEATURES**
- High pressure valve.
- Hardened parts for long life.
- Industry common cavity.
- Rapid response to sudden pressure application.
- Excellent regulation of pressure with flow (low override).

**HYDRAULIC SYMBOL**

**PERFORMANCE**
Actual Test Data (Cartridge Only)

![HERWP/Pressure drop vs flow](chart)

**VALVE SPECIFICATIONS**
- Nominal Flow: 40 GPM (151 LPM)
- Rated Operating Pressure: 5000 PSI (345 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: .53 lbs (.24 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.

*This is a rapid response, high pressure relief valve with excellent high flow regulation. Consult factory for higher flow capacity cavity option.*
**DIMENSIONS**

![Diagram of mechanical pressure control](image)

**ORDERING INFORMATION**

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**WARNING**: DO NOT USE ALUMINUM BODY
HIGH PRESSURE (5000 PSI) PRODUCT

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