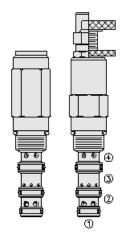


Overview



Description

The FRRV10-41F is a screw-in, cartridge type, combination valve includes a pressure compensated, non adjustable priority type flow regulator and a pressure relief valve. The valve is intended for use with mineral based or synthetic hydraulic fluids with lubricating properties

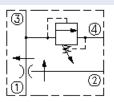
Operation

It maintains a constant flow rate from port 3 regardless of load pressure changes at priority port 3, or bypass port 2

Features

- Two valve functions in one, industry-common cavity.
- · Adjustments cannot be backed out of the valve.
- Relief valve adjustments prohibit relief valve spring from going solid.
- · Quiet, modulated response.
- · Hardened parts for long life.

Symbol



Ratings

Pressure Ratings

Pressure rating 207 bar (3000 psi)

276 bar (4000 psi) - Note: M

- Note: Maximum system pressure

Flow Ratings

Priority flow rating

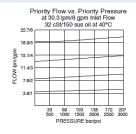
19.0 lpm (5.0 gpm)

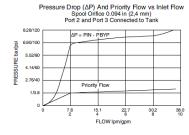
- Note: Maximum

Inlet flow rating

38.0 lpm (10.0 gpm) - **Note:** Maximum

Performance

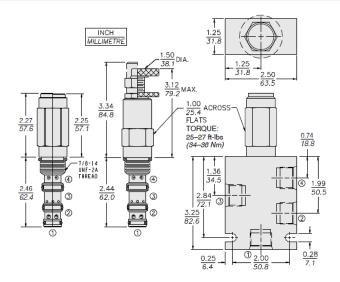




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Dimensions



Materials

Materials

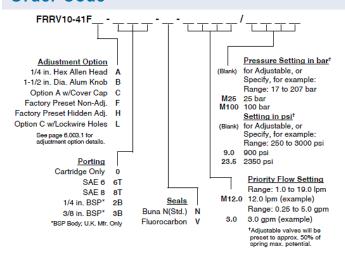
Cartridge: Weight: 0.34 kg. (0.70 lbs.); Steel with hardened work surfaces. Zinc-plated exposed surfaces; Buna N Orings and polyester elastomer back-ups standard. Anodized aluminum knobs and caps.

Standard Ported Body: Weight: 0.36 kg. (0.80 lbs.); Anodized high-strength 6061 T6 aluminum alloy, rated to 207 bar (3000 psi); Ductile iron bodies available; dimensions may differ. For Pressure Adjustment option details,

Installation Specifications

Cavity VC10-4

Order Code



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