Specifications:
- Pressure rating 3000 psi (207 bar).
- Rated for 0-30 gpm (0-114 lpm)
- Weighs 5 lbs (2.3 kg).
- 30 Micron filtration recommended

POR75-3/4
Adjustable Pilot Operated Relief Valves

PPOR75-3/4
POR75-3/4 Adjustable Pilot Operated Relief Valves

**FEATURES:**
- PRECISION GROUND HEAT TREATED SPOOL that assures long life.
- STEEL BALL will not jam, lock or seize and will always open.
- OPENING AND CLOSING of this relief valve is very accurate concerning repeatability and is smooth and surgeless.
- HOLES DRILLED CROSS-WISE allow the flow to gradually increase and decrease so that the change from closed to open is stepless and smooth.
- DAMPENING ORIFICE smoothes out pulsations caused by the poppet relief

**MATERIALS:**
- Cast Iron Body
- Buna N O’Rings
- Heat Treated Steel Spool

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Schematics & Features
POR75-3/4 – GENERAL INFORMATION:
The Brand, adjustable pilot operated relief valve maintains the same cracking pressure at low and high
flows. As the pressure setting is exceeded a poppet type relief opens and allows a small pilot supply of
fluid to escape a chamber at the end of the main spool. The escape of pilot supply causes the main spool
to shift and thus opens a passageway which allows the main volume of pressurized fluid to escape to tank
without passing over the poppet type relief. The higher the pump output the farther the spool shifts over
to enlarge the opening to tank.

Paint (Optional) (P) painted black (other colors available, consult factory), (MP) epoxy coating.

DIMENSIONAL DATA (POR75-3/4): inches & [millimeters]