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EIH

6 FMT 150RF PB 4 IV

High Pressure Control Valve | High Pressure Cage Guided Balanced

6" 150 RF Through Body 4" Equal Percentage Trim

Process Fluid: **Liquid and Gas**
Operation: **Pneumatic**

Options Included In This Model:

- Valve Fail Position: **Closed - Field Reversible**



Critical Flow Factor (Cf) = 0.75

100% Cv = **222.00**

2" thru 10" valves. Used as Dump Valve or Pressure Regulator. Our Cage Guided valves have larger trim sizes for larger valve coefficients (Cv) compared to the Stem Guided series. "Cage-guided" refers to the cage around the trim guiding the trim into its seat. "Balanced" means the pressure below the seat is communicated to the top of the seat so that the pressures are balanced, allowing for operation in high pressure differentials. All valves in this series have the option of emissions-free electric actuation.

Specifications

Connection Size: **6 "**
 Connection Type: **150 RF**
 Body Style: **Through Body**
 Body Material: **Steel**
Option Available for NACE MR0175 compliance or certification.
 Trim Size: **4 "**
 Trim Type: **Equal Percentage**
 Seal Class: **Class VI**
 Process Fluid: **Liquid and Gas**
 Max. Working Pressure: **285 psig**
 Actuator Spring Nominal Pressure: **30 psig**
 Actuator Crack Open Pressure: **6 psig**
 Actuator Full Open Pressure: **30 psig**
 Max. Supply Gas Pressure: **45 psig**
 Valve Fail Position: **Closed - Field Reversible**
 Operation: **Pneumatic**
 Catalog Page: **E1:15.5**
 Face-toFace Length: **17.81**
 Repair Kit P/N: **RWD**

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
9	13	18	26	36	64	104	148	197	222

Flow Coefficient (CV) at Stem Travel (% Open) for Item: EIH



