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## EHH

### 1 FMT 300RF PO 1/8

High Pressure Control Valve | High Pressure Stem Guided Non-Balanced

#### 1" 300 RF Through Body 0.125" Linear (Nominal) Trim

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

#### Options Included In This Model:

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

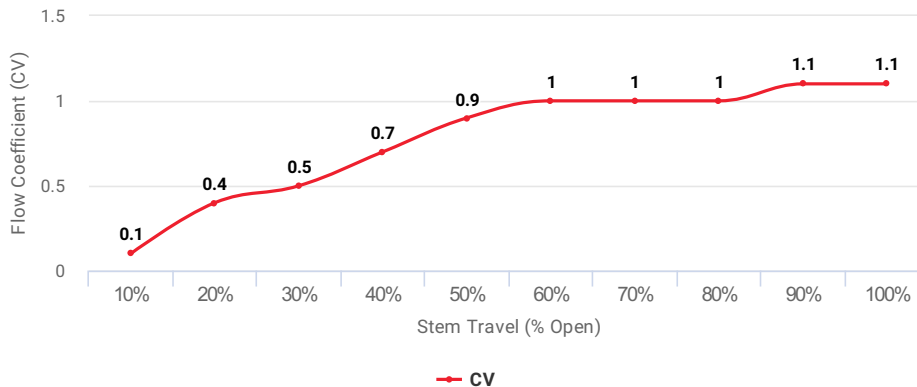


Critical Flow Factor (Cf) = 0.58

100% Cv = 1.10

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.1	0.4	0.5	0.7	0.9	1	1	1	1.1	1.1

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



1" and 2" valves. Used as Dump Valve or Pressure Regulator. Our Stem Guided valves have smaller trim sizes for smaller valve coefficients (Cv) compared to the Cage Guided series. "Stem-guided" refers to the stem itself guiding the trim into its seat. "Non-balanced" means that the pressure above the trim seat is not counterbalanced by the same pressure below. All valves in this series have the option of emissions-free electric actuation.

See Technical Data for Spring Ranges

## Specifications

Connection Size: **1 "**  
 Connection Type: **300 RF**  
 Body Style: **Through Body**  
 Body Material: **Steel**  
**Option Available for NACE MR0175 compliance or certification.**  
 Trim Size: **0.125 "**  
 Trim Type: **Linear (Nominal)**  
 Seal Class: **Class IV**  
 Process Fluid: **Liquid and Gas**  
 Max. Working Pressure: **740 psig**  
 Actuator Spring Nominal Pressure: **20 psig**  
 Max. Supply Gas Pressure: **45 psig**  
 Valve Fail Position: **Closed - Field Reversible**  
 Operation: **Pneumatic**  
 Catalog Page: **E1:10.2**  
 Face-toFace Length: **7.75**  
 Repair Kit P/N: **RFA**

