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## CHF 412 FOT-D MECH 0/W VAL

Mechanical Dump Valve | Diaphragm  
Balanced

**4" 150 RF Through Body**  
**3" Linear (Nominal) Trim**

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



Critical Flow Factor (Cf) = 0.79

100% Cv = **70.10**

"Diaphragm Balanced" means that the upstream and downstream pressures used to counterbalance the forces on the trim are separated by a diaphragm.

### Specifications

Connection Size: **4 "**  
Connection Type: **150 RF**  
Body Style: **Through Body**  
Body Material: **Cast Ductile**  
**Option Available for NACE MR0175 compliance or certification.**  
Trim Size: **3 "**  
Trim Type: **Linear (Nominal)**  
Seal Class: **Class VI**  
Process Fluid: **Liquid and Gas**  
Max. Working Pressure: **250 psig**  
Operation: **Mechanical**  
Catalog Page: **C2:10.3**  
Face-toFace Length: **15**  
Repair Kit P/N: **RTL**

Cv @ % Stem Travel (%open)

10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
12	18.9	25.8	32.8	39.9	46.9	53.7	60	65.7	70.1

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

