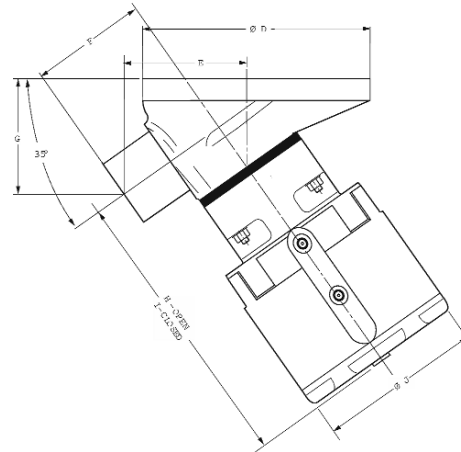
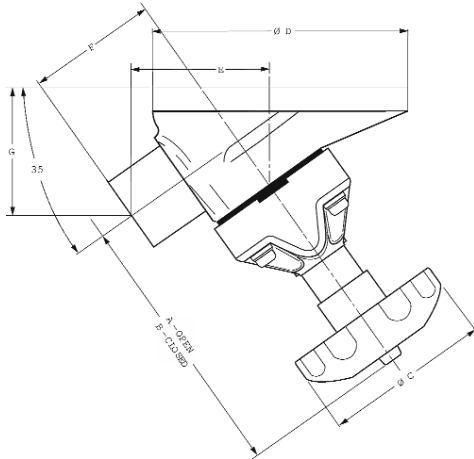


## Fully Forged Tank Bottom Valve – EC Actuated

### HC4 Diaphragm Valves



HC4/047/01/11.02

Size	A	B	C	D	E	F	G	H	I	J	WT(lb)
0.50"	4.33	4.06	2.44	2.56	1.95	2.13	1.79	4.53	4.33	2.76	1.0
0.75"	4.33	4.06	2.44	2.56	1.95	2.13	1.79	4.53	4.33	2.76	3.5
1.00"	5.79	5.24	3.15	4.21	2.37	2.50	2.34	6.61	6.30	4.06	3.5
1.50"	8.03	7.13	5.51	5.51	3.23	3.13	2.84	9.09	8.54	6.02	7.3
2.00"	8.39	7.24	5.51	6.54	3.80	3.74	3.24	9.80	9.02	6.02	10.0
2.50"	11.34	9.65	9.84	9.33	5.30	5.00	4.21	--	--	--	30.0
3.00"	11.34	9.65	9.84	9.33	5.30	5.00	4.21	--	--	--	30.0

**NOTE:** Dimensions are in inches, for reference only, and are subject to change at the manufacturer's discretion.

#### Typical Applications

- Bioreactors and fermenters
- Sterile holding vessels
- WFI (water for injection) storage tanks

#### End Connections

##### Buttweld

- ASTM A269/A270
- ISO 1127
- DIN
- SCH, 5, 10, 40
- SMS
- 16 swg

##### Triclamp

#### Body Material

Forged stainless steel to ANSI 316L/1.4435 specifications. Other materials are available on request.

#### Crane Process Flow Technologies

Saunders HC4 Products  
 9860 Johnson Road  
 Montgomery, Texas 77316  
[www.cranesaunders.com](http://www.cranesaunders.com)  
 PH 936-588-4447  
 Fax 936-588-8302

#### Surface Finish

Full range of mechanical & electropolish surface finish options available.

#### Size Range

0.50"-2.00" (15mm-50mm) TBVs use EC actuators. Sizes 2.50" and larger use ECX actuators.

#### Operation

Fully compatible with complete range of EC compact slotted actuators, ES actuators and manual bonnets.

#### Diaphragms

Available with Saunders' unique range of FDA compliant diaphragms.

**CRANE**®