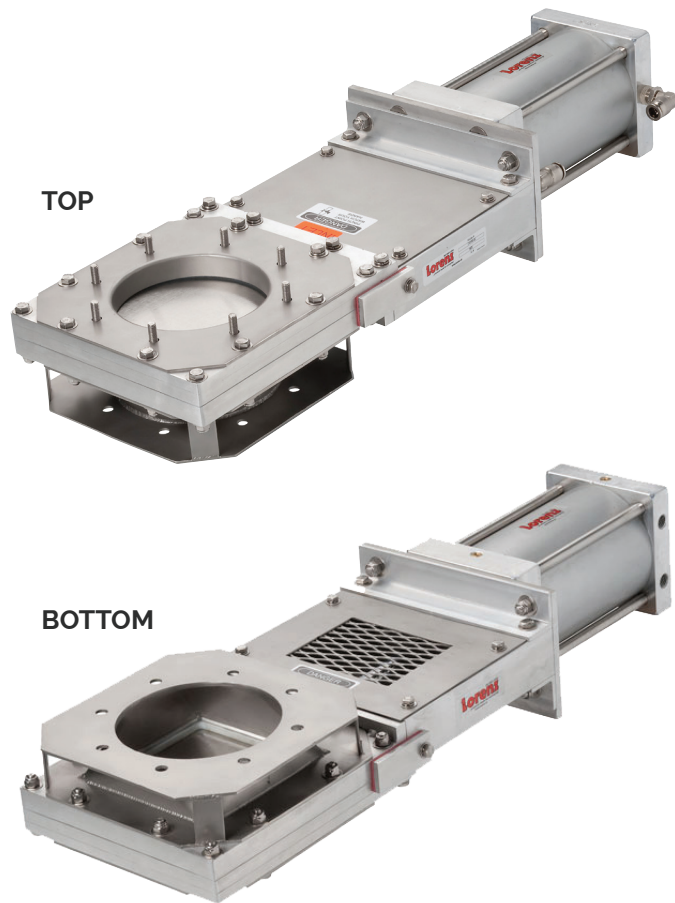


Discharge Valves Series H



Standard Features

- For applications requiring higher cycle frequencies
- Minimizes packing, shearing and material build up
- Square machined blade "dead ends" against the body of the valve allowing material to escape below
- Will vent air only
- Positive Blade Lock (PBL) between blade & cylinder rod
- NEMA 4 watertight & dust tight electrics
- Active Compression Seals (ACS)
- Heavy duty 3/16" 304 Stainless Steel blade
- Temperature rated for up to 82° C (180° F)
- Mounts horizontally
- 304 Stainless Steel contact points
- Oversized, internal magnetic piston, cushioned air cylinder standard
- Fully tested prior to shipping

Options

- Position switches 5 volt to 240 volt AC/DC
- Proximity Switches
- Double Acting or Single Acting Spring Return Solenoid (110 volt AC or 24 volt DC) or Manual Lever Valve
- Valve body sealed for air purging when conveying powders
- High temperature modifications
- NEMA 7-9 hazardous locations
- Manual Hand Crank, Hand Wheel, Chain Wheel Operation
- Electric Actuation
- Pre-wired Terminal Boxes
- Mufflers (Flow Control or Quick Exhaust)
- Vented Ball Valve (safety feature)
- Filter/Regulator/Lubricator

**Pneumatic actuated
discharge valve for
gravity flow applications.**

**Blade is sealed to differential
pressures up to 15 psig top to bottom
depending on the size of the gates.**

**For use above rotary airlock to
maintain pressures in the line below
and eliminate air loss promoting
continuous material conveyance.**

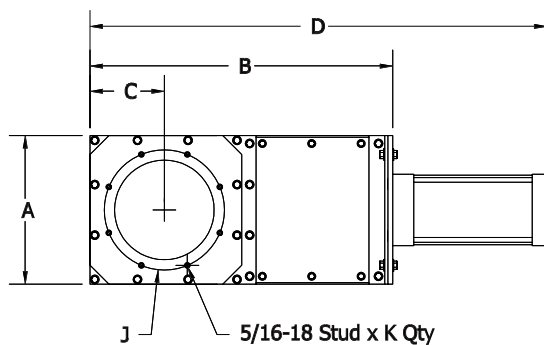
Discharge Valves

DCV

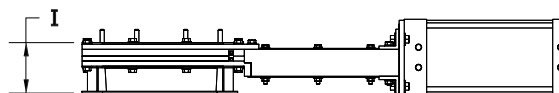
SIZE	A	B	C	D	E	F	G	H	I	J	K
6"	9.50	19.69	4.75	30.50	5.50	11.00	8	9.50	3.75	7.50	8
8"	11.75	23.94	5.88	37.00	5.50	13.50	8	11.75	3.75	9.50	8
10"	13.75	27.75	6.88	42.75	6.00	16.00	12	14.25	4.50	11.50	8
12"	15.75	32.19	7.88	49.75	6.88	19.00	12	17.00	5.13	13.81	12
14"	17.75	36.19	8.88	55.75	7.38	21.00	12	18.75	5.88	15.81	12
16"	19.75	39.75	9.88	61.25	7.88	23.50	16	21.25	6.38	18.00	16

All dimensions are approximate and subject to change.

Lightweight Stud Pattern Connection

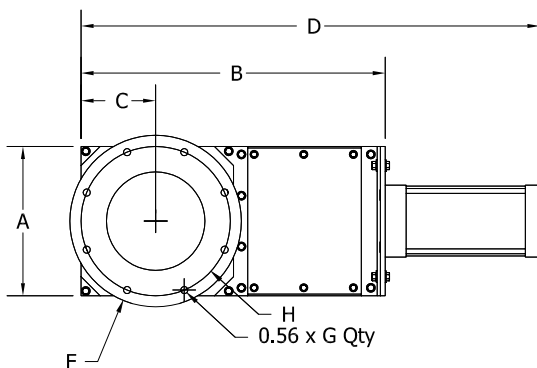


Top view



Side view

Pipe Flange Bolt Pattern Connection



Top view



Side view