

Space Saver Gate Valves

ISO 100-320mm

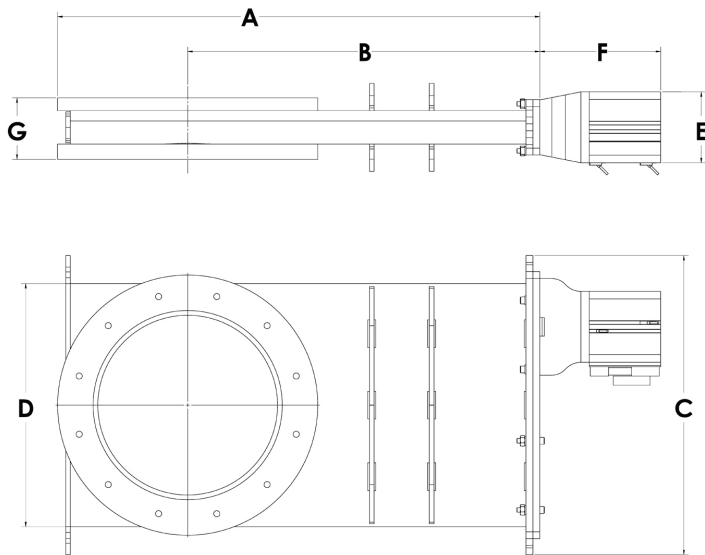
Specifications

- Leak Rate: $<1 \times 10^{-9}$ std cc/sec He
- Vacuum Rating: 1×10^{-8} torr (1.3×10^{-8} mbar)
- Seals in either direction with max differential pressure across gate: 1.5 atm (1.47 bar)
- Max Operating Temperature: 400 °F (200 °C)
- Mounting Position: Any
- Solenoid: 24V DC/110V AC/ 220V AC
- Air to open/Air to close
- Air Pressure Required: 80-120 psig (5.5-8.3 bar)

Features

- Valve Body/Gate Construction: 304/304L Stainless Steel
- Surface Finish: Bright Blast
- Bellows sealed rated up to 1 million cycles*
- Actuator: Electro-pneumatic
- Magnetic Position Indicators Standard
- Viton O-rings at Flange, Gate, Bonnet, and Shaft
- No Lubricates in Vacuum
- No Springs – Long life mechanism designed for 2 million cycles
- Minimal Maintenance – Does not require removal of valve body

* Under clean vacuum conditions



REFERENCE NUMBER	BONNET SEAL	SIZE	PORT FLANGE	A in[mm]	B in[mm]	C in[mm]	D in[mm]	E in[mm]	F in[mm]	G in[mm]
K(ISO100)PSBP	VITON	4"	ISO100	12.31 [313.00]	9.06 [230.00]	6.88 [175.00]	6.03 [153.00]	3.02 [77.00]	5.06 [129.00]	2.50 [64.00]
K(ISO160)PSBP	VITON	6"	ISO160	16.06 [408.00]	11.56 [294.00]	8.88 [225.00]	9.00 [229.00]	3.02 [77.00]	5.06 [129.00]	2.50 [64.00]
K(ISO200)PSBP	VITON	8"	ISO200	21.00 [533.00]	15.38 [391.00]	13.75 [349.00]	10.76 [273.00]	3.02 [77.00]	5.06 [129.00]	3.08 [78.00]
K(ISO250)PSBP	VITON	10"	ISO250	26.19 [665.00]	19.13 [486.00]	16.25 [413.00]	13.21 [335.00]	3.85 [98.00]	6.57 [167.00]	3.34 [85.00]
K(ISO320)PSBP	VITON	12"	ISO320	31.60 [803.00]	23.22 [590.00]	20.75 [527.00]	16.38 [416.00]	3.85 [98.00]	6.57 [167.00]	4.14 [105.00]