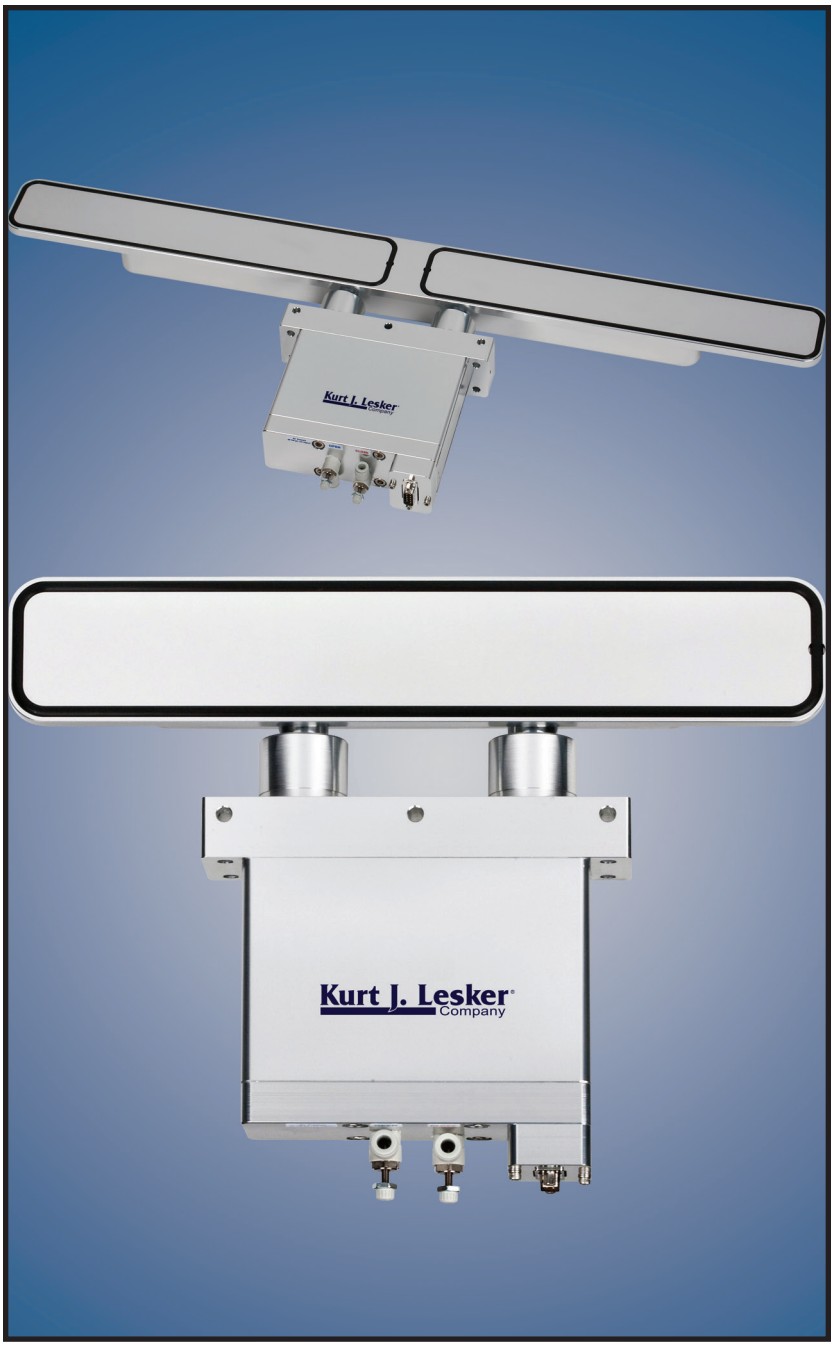
RECTANGULAR VALVE

Door



Kurt J. Lesker Company

VACUUM MART™ DIVISION

Applications

- Plasma Etch, CVD, Sputter Deposition
- Manufacturing of solar panels
- Semiconductor processing
- LCD/flat panel processes
- All other cluster vacuum systems

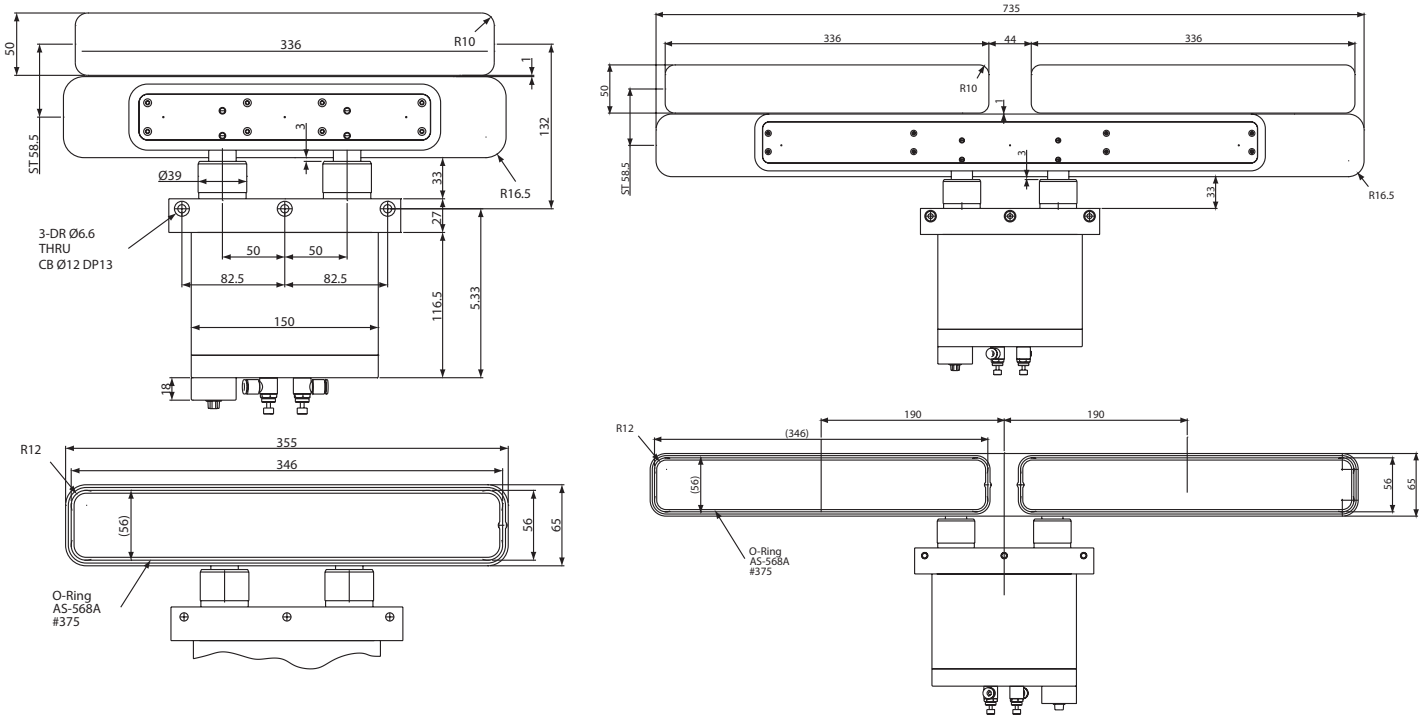
Features

- Semi standard application (Semi E21-94, Semi E24-92, Semi E21.1-1296)
- Dust seal on the vacuum side of the bonnet flange that virtually eliminates particulate from entering the bellows
- Particle and vibration free
- Realization of exact L-motion
- Easy maintenance

Options

- Custom sizes available
- Various o-ring compounds (Kalrez®, Chemraz®, etc.)
- Double gate seal door valve available

www.lesker.com



Dimensions Approximate

Specifications

Pressure range		1 X 10^{-9} mbar - ATM
Leak rate: gate		<1 X 10^{-9} mbar. l/s
Differential pressure on the gate		≤ 1.0 bar in either direction
Material	**Valve body, bonnet seal**	AL6061
	Gate	AM350
	Valve actuator	SS 304, AL6061
Seal Materials		VITON® (option KALREZ, ETC)
Temperature	**Valve body**	120°C
	Valve actuator	80°C
Operation		Double acting
Cycle until first service		≥ 3 million
Position sensor (Open/Close) - Reed switch		SMC: D-A93

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