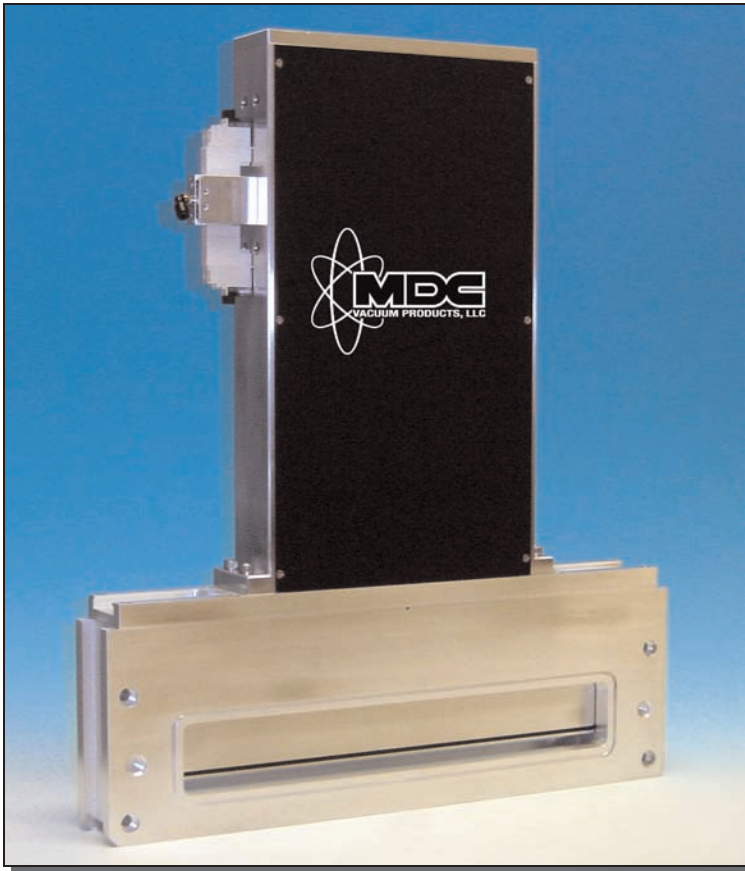


MC+ 300mm Transfer Valve



MDC

Million Cycle Valves



HIGH VACUUM SERIES 150°C Viton® O-Ring Sealed Bonnets

Features

- 2 million Cycles between maintenance
- Bellows sealed actuator
- Virtually particle and vibration-free
- Double acting pneumatic actuator with position indicators
- Aluminum body and Gate
- Maintain Status in the event of power failure
- Pneumatically locked in the closed position
- LCD Counter for tracking cycles

Specifications

Material

Body & Gate	Aluminum
Bellows	AM-350 ss
Bolts	300 Series ss

Seals

Bonnet	Viton®
Gate	Viton®
Options	Different sealing materials on request

Electropneumatic Actuator

Air Pressure	70 to 100 psig
Air Control Valve	Humphrey 3 position, 4 way solenoid valve
Solenoid Voltage	24 VDC, 120 VAC, 240 VAC
Power Loss	Valve maintains status
Position Indicators	Solid state, NPN Sensors

Closing and opening Time

< 1 sec

Vacuum

Range	1x10 ⁻⁸ Torr
Leak Test	2x10 ⁻¹⁰ cc/sec of He

Maintenance

Actuator-Gate Assembly may be removed for seal replacement, cleaning or retrofitting without removing the valve body from the system.

**Different sizes and customer specific features are available upon request.*

