Atomic Layer Deposition Valves
VALD Series

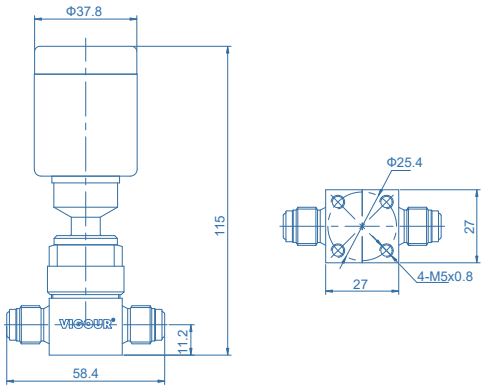
Product Feature

- Ultrahigh cycle life with high-speed actuation
- Normally open and normally closed pneumatic actuation
- Electronic or optical actuator position-sensing option
- Suitable for ultrahigh-purity applications
- Modular surface-mount, tube butt weld, and VFS end connections
- Opening and closing time of less than 5ms
- Fully swept flow path facilities
- Thermal isolation coupling optional

Technical Data

Max. Working Pressure:	150 psig (10bar)
Nominal Diameter:	Φ4.1
Working Temp.:	-9°F ~ 399°F (-23°C ~ 200°C) Body Max. Temp 200°C
Materials	
Body:	see ordering info
Diaphragm:	Elgiloy®
Seat:	High purity PFA
Flow capacity:	Cv=0.27
Weight:	approx. 1.54kg

Dimensions (mm)



Ordering Information

VALD S - PO - MV4 - MV4

Materials
S: 316L
SLV: 316L secondary remelt

Actuator
PO: pneumatic actuator,normally opened
PC: pneumatic actuator,normally closed

End Connection
TW4: 1/4" tube weld
FV4: 1/4" VFS (F)
MV4: 1/4" VFS (M)
* Other connection standard,consult factory