

TI Flanged Diaphragm Valve Data Sheet



FEATURES:

- Designed with durable materials to ensure long-lasting performance in highly corrosive environments
- All body-to-bonnet bolts, nuts, and washers made from titanium
- Diaphragm insert and compressor joint constructed with palladium titanium for high strength and corrosion resistance
- Bubble-tight seal prevents leakage, even in systems with slurries or suspended solids
- Weir-style flow path provides excellent throttling control and shut-off capabilities
- Body, bonnet, and diaphragm engineered using advanced computer-aided analysis for optimal sealing performance
- Internal bonnet seal prevents corrosive substances from damaging internal components
- Adjustable travel stop protects the diaphragm from being overtightened, extending the life span of the valve
- Top-mounted visual position indicator clearly displays whether the valve is open or closed

OPTIONS:

- 2" square operating nut for remote operation
- Locking device for tamper-proofing
- Chainwheel operator

SPECIFICATIONS:

SIZES:	1/2" - 6"
BODY MATERIALS:	PVDF
BONNET MATERIALS:	PPG
END CONNECTORS:	Flanged
DIAPHRAGMS:	3-layer EPDM/PVDF/PTFE with palladium titanium insert
COMPRESSOR JOINT:	Palladium titanium
DIAPHRAGM INSERT:	Palladium titanium
FASTENERS:	Titanium
OPERATOR:	Handwheel