EXTENDED BONNETS

- AWWA VALVES
- INDUSTRIAL VALVES
- WATER CONTROL GATES

MARKETS

WATER/ WASTEWATER

INDUSTRIAL

AGRICULTURE

SPECIFICATIONS

Product Compatibility	Compatible with the full range of MPI valve and gate products
Materials	Carbon steel bonnet and extension (T304SS, T316SS optional)
Temperature Rating	0°F-250°F
Standards	Designed in accordance with AWWA M49 requirements
Featured Applications	Elevation of actuator for buried or submerged valve installations
Additional Features *(provided when necessary)*	Thrust bearing provided when stem weight exceeds limit for proper operation. Closed position stop provided when shaft deflection exceeds AWWA limits.

MPI MCWANE PLANT & INDUSTRIAL

CLOW VALVE CO.

MH MH VALVE COMPANY

KV KENNEDY VALVE

Scan for detailed drawings

ENGINEERING FEATURES

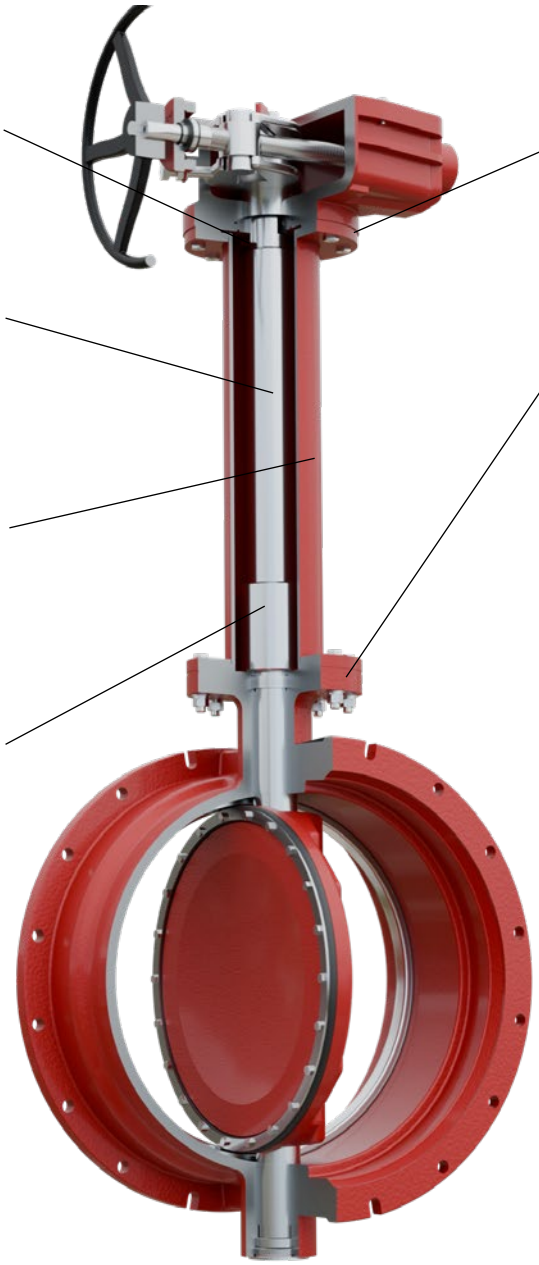
Bonnet Extensions are used when a valve must be operated from a distance above due to structural, buried, or submerged conditions.

UPPER END ADAPTER
Machined to match valve stem and mate to actuator hub and key.

SHAFT EXTENSION
Transmits torque from actuator to valve
Standard: Carbon steel
Optional: T304 or T316 stainless steel.

MOUNTING EXTENSION
Flanged, SCH 40 or SCH 80, carbon steel pipe. Protects stem from external contaminants and obstruction and elevates actuator to desired position.

LOWER SHAFT COUPLING
Matches shaft extension material. Mates to valve shaft and key.



UPPER MOUNTING FLANGE
Machined and drilled for direct mount to actuator mounting flange.

LOWER MOUNTING FLANGE
Machined and drilled to match valve mounting flange.

CLOSED-POSITION STOP
(provided when necessary)

- Patent-pending design ensures accurate closing position.
- Compensates for angular deflection of long extensions at the connection to the valve per the requirements of AWWA C504 and AWWA M49.
- Inspection port allows for visual verification of stop engagement.
- Easy conversion of opening direction for clockwise or counterclockwise input.
- Modular design maintains closed-position calibration even when actuator and/or extension section is removed.

Illustration depicts AWWA C504 seat-on-disc butterfly valve with traveling nut actuator mounted to extended bonnet.

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