



## **TELESCOPING VALVE**

Telescoping valve shall be designed and sized per the specifications, schedule and /or drawings and shall fit the customer supplied flanged riser pipe. The telescoping valve shall consist of a manual or electric operator, floorstand, stem, bail, slip tube with anti-rotation device and 150 pound companion flange with integral neoprene wiper and UHMW seat. Slip tube can be supplied with bell mouth, V notch or plain top. Rising stem shall be supplied unless otherwise requested. Floorstand shall be straight for floor mounting or offset for top of wall mounting. A clear plastic stem cover with closed, open, 1/4, 1/2 and 3/4 position indicator decals shall be supplied for rising stem applications.

## **OPERATORS**

Operator shall be handwheel, handcrank or electric actuator, floorstand mounted. Hand wheel type operators shall be without gear reduction. Coldwell-Wilcox operators will have either single or double gear reduction. All components shall be totally closed with positive mechanical seals. Electric actuator or gearbox manufacturer shall be as selected by CWT or as specified by job specifications. Telescoping valve shall be manual or electric operator driven through an acme threaded operator sleeve to the keyed acme threaded stem, bail and slip tube assembly. Slip tube anti-rotation devise is standard on all CWT telescoping valves.

## **PAINTING**

Steel and cast iron components shall receive manufacturer's standard Tnemec epoxy series N140-1255 pota-pox beige primer and Tnemec series 69 pond 28BL finish prior to shipment. Total system shall be 12-16 mils DFT.

Tnemec coal tar epoxy series 46H-413 finish or Tnemec potable epoxy series N140 pota pox finish are available as required. Coal tar epoxy total system shall be 20-26 mils DFT. Tnemec potable epoxy total system shall be 12-16 mils DFT.

## **SHOP TESTING**

Each telescoping valve shall be fully assembled and shop inspected. Each valve shall be fully opened and closed to ensure that it operates freely and seals.

## **INSTALLATION**

Installation shall be in complete accordance with manufacturer's instructions and recommendations. Anchor studs will be set in accordance with approved manufacturer's drawings.

## **START-UP AND TEST**

Contractor shall make adjustments required to place system in proper operating condition. Contractor shall conduct functional field test of each telescoping valve in the presence of the owner's representative to demonstrate that each part and all components together function correctly.