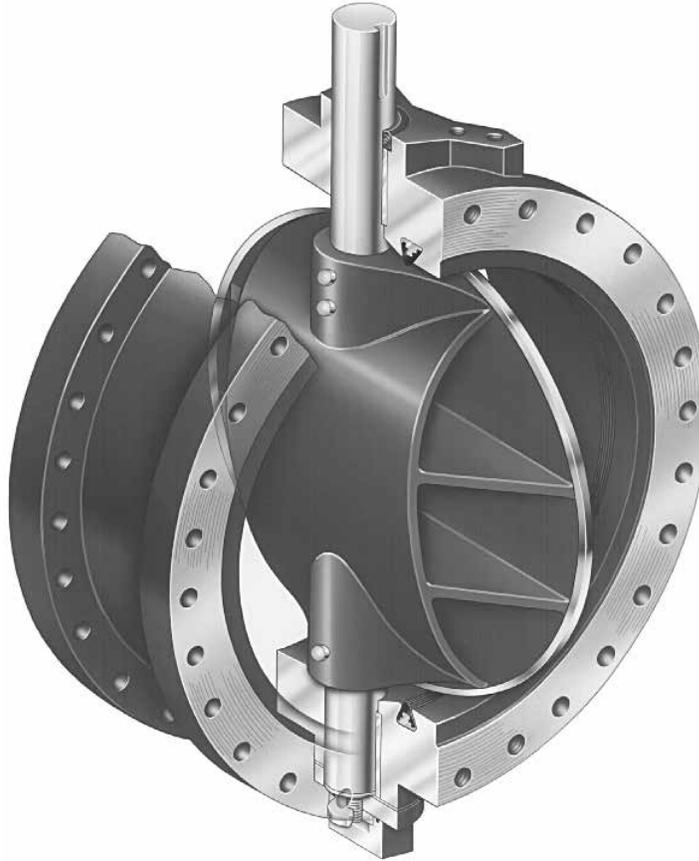


Rev. 11-16 Shaded area indicates changes

**MUELLER[®] LINESEAL III[®] (Class 150B), LINESEAL XP[™], LINESEAL XP11[®]
 (Class 250B), & LINESEAL 350[™] (Class 350B) Butterfly Valve Features**


- CORROSION RESISTANT SHAFT - is constructed of stainless steel. Two-piece, stub-type shafts are sized per AWWA Standard C504, Class 150B or Class 250.
- CHEVRON V-TYPE PACKING - is self-adjusting packing in top trunnion of valve body where shaft protrudes.
- STRONG DISC AND SHAFT CONNECTIONS - with generously sized stainless steel pins designed to transmit torques required and withstand stresses imposed under severe operating conditions.
- PRESET TWO-WAY THRUST BEARING ASSEMBLY - is preset at factory. On valves 30" and larger, assembly consists of stainless steel stud fastened to the bottom of the valve shaft. Stud extends beyond the bottom cover. Thrust collar is threaded to the stud and pinned. On 24" valves thrust collar is pinned to shaft and adjustment provided by bronze spacers. Thrust collar cavity is packed with grease and fully gasketed to prevent leakage.
- HEAVY DUTY BODY - is extra heavy with flanges fully faced and drilled per ANSI B16.1 Class 250 or Mechanical Joint ends are also available.
- SELF-LUBRICATING, SLEEVE-TYPE BEARINGS - are used in both trunnions of the valve body. PTFE lined with special non-metallic backing. Provide electrical insulation between disc and shaft to prevent galvanic corrosion. Lower coefficient of friction reduces operating torque requirements.
- FLOW-THROUGH DISC* - provides less pressure drop in full-open position than conventional disc shapes. (On 24" size valves the arch side of disc is closed and the flat side is open, forming a slightly concave surface.) Disc structure has no internal cores that can shift during casting, no hollow chambers that can collect water, freeze and fracture the disc. Disc edge has stainless steel spherically shaped seating surface.
- ELASTOMERIC SEAT - is made of a special rubber compound (Buna N) that seals a full 360° against a stainless steel spherical disc edge. Unique grooved-seal design, coupled with the wide spherically shaped seating edge of the disc, allows greater disc closure tolerance (up to 1° off center in closed position without leakage). Seat is mechanically retained in body without metal hardware by a cast epoxy compound that ensures the seat conforms to the exact radius of the disc with uniform contact pressure. It is fully field adjustable and replaceable.

* Contact your Mueller representative for valves sizes larger than 48" and for Line Seal XP and Line Seal 350 Valves with Class 250 flanges, this page applies to 24"-48" sizes.