

## ADVANTAGES OF VTM BUTTERFLY VALVE OVER OTHER MAKES

S.No.	Features	Advantages
a.	Extended Neck*	> Heavy Duty one Pc. Body with Extended Neck to accommodate minimum <b>2" of Insulation</b> without the need for Valve Extensions.
b.	Disc to Stem Connection without Mechanical Fastening.	> The Disc to Stem Engagement is through <b>Square Key Arrangement</b> . This eliminates the need of any Mechanical Fastening (Rivet / Screw). Thus zero possibility of valve failure due to disengagement between stem and the disc.
c.	Top Flange as per ISO 5211.	> The mounting Flange is designed in compliance with <b>ISO 5211</b> and thus <b>directly actuator mountable</b> . This makes even field mounting of actuators possible without any need of modification of the valve.
d.	Specially formulated Rubber for Valve Liners	> VTM Butterfly Valves come fitted with liners manufactured from rubber compounds specially formulated for <b>High Abrasion Resistance</b> and <b>High Elongation</b> and <b>Tensile Strength</b> . This offers bubble tight sealing even after thousands of operations. > VTM Butterfly Valves have been tested for more than <b>8000 cycles</b> of operations under standard conditions.
e.	Hard Backed Rubber Liners	> VTM offers Butterfly Valves with <b>Hard Backed Rubber Liners</b> (Optional). This results in much closer tolerances and better concentricity of the Rubber Liners. This ensures lower torques and longer Valve Seat Life. > Hard Backed Rubber Liners are <b>field replaceable</b> , making the valves repairable on site at a fraction of new valve cost. This drastically brings down the overall cost of ownership. > These Valves are capable to perform under <b>vacuum conditions</b> .
f.	Two Piece Stem Design	> VTM Butterfly Valves come with Two piece stem design, in smaller sizes, to provide <b>20-25% more flow area</b> than single piece stem Design as offered by competition.
g.	Semi Lugged Body with Guiding Holes	> Semi Lugged Body with Bolt Guiding Holes leads to <b>better Alignment</b> of the Valve with the Pipe Line Flanges.
h.	Fusion Bonded Epoxy (Lead Free) Coatings on Body.	> 200+ micron thick Fusion Bonded Coating offers much <b>higher Corrosion / Erosion resistance</b> . > Offers <b>much better valve life</b> especially in humid & Coastal environments. > Coating is <b>Lead Free</b> and thus environment and Health Safe. > This coating has been tested to withstand <b>2000 hrs.</b> Of salt spray test.

\* Extended Neck is Available in PN16 & PN25 Ratings Only. PN10 is Available with Standard Height.

### V.A. VALVES

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