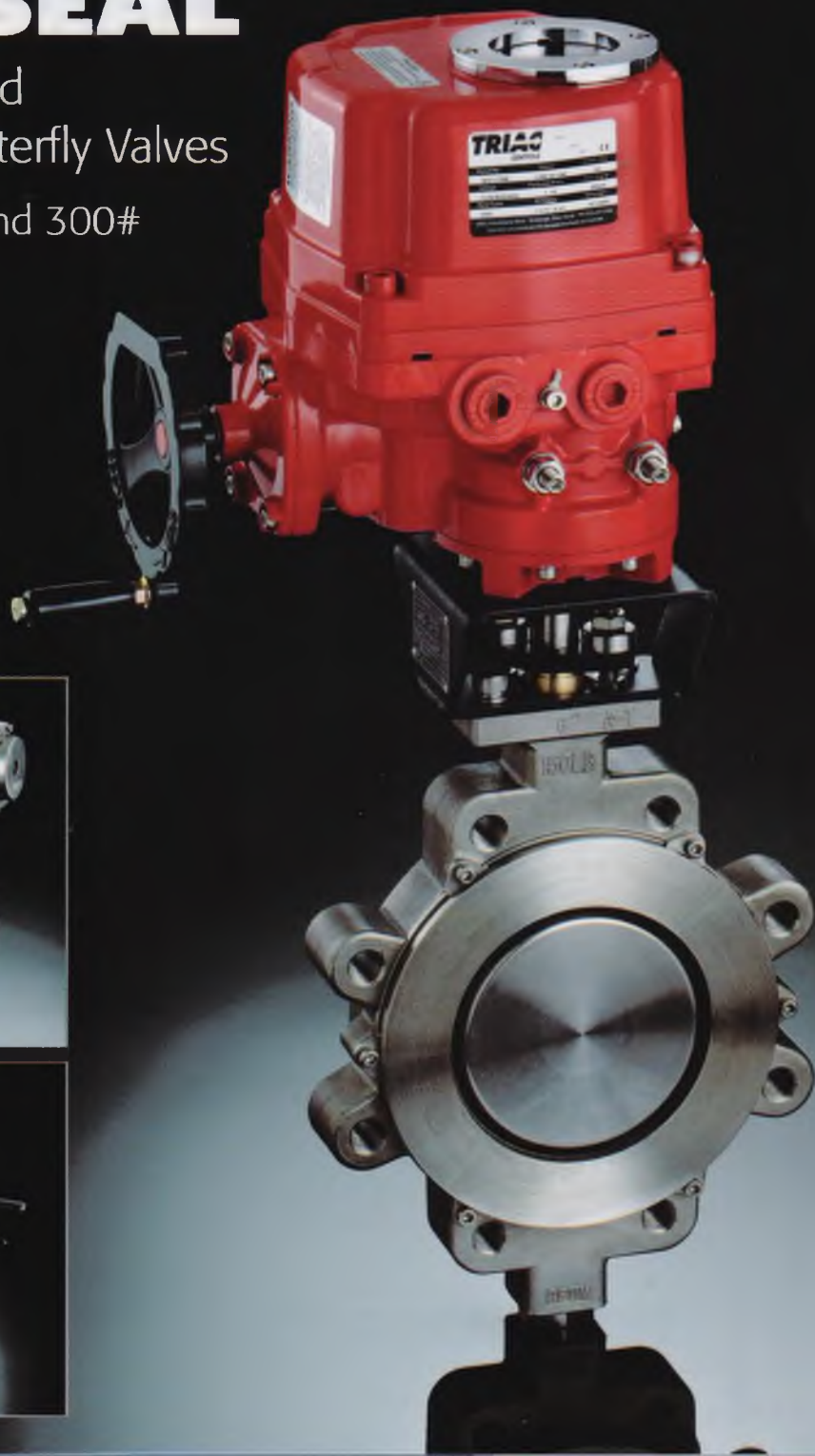


# POWER-SEAL

Manual and Automated  
High Performance Butterfly Valves

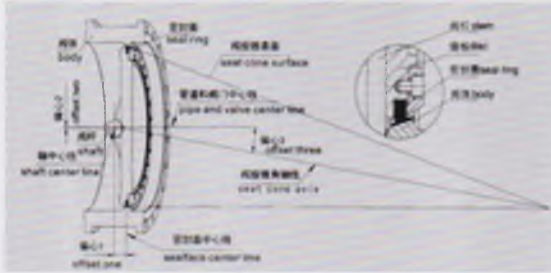
ANSI/ASME Class 150# and 300#



# BUTTERFLY VALVES

## Designing Features

- 1.Low weight, cost-and-space saving.
- 2.With cut-off effect, and a certain flow regulation function.
- 3.Wafer, lug, flange or Butt-welding ends.
- 4.Centric,double eccetric and triple eccentric.
- 5.Multi-layers metal seats for triple eccetric.
- 6.Rubber or PTFE for seat of centric butterfly.



Sealing principle of triple eccentric butterfly valve:

- The first eccentric, shaft deviated from the center line of sealing face.
- The second eccentric, shaft deviated from the Centerline of pipe and valve.
- The third eccentric, the distinctive included angle between taper angle of eccentric seat and centerline of pipe, so that the seat completely disengaged from sealing ring during the whole process of open and close.

## Designing Specifications

**Size:** 2"-80"

**Class:** 150Lb-600LB

**Materials:** 2"-80":Cast steel,cast iron

**Designing:** BS 5155, API609, MSS SP-68

**Face to face:** ASME B16.10

**End type:** RF,FF,BW,LUG,WAFER

**Inspection and test:** API 598, API 607

**Structure types:** Centrol,Eccentric-triple

**Operate method:** Lever, Wrench, Worm Gear, Electric, pneumatic, pneumatic-hydraulic.

## Special requirements

- Fugitive emission.
- Bi-directional sealing.
- Fire safe design.
- Extended stem.
- ISO 5211 top flange.
- With locking device.
- Live-loading packing.
- Erosion resistance device for sealing surfaces.



Name	Size	Pressure	Material
Butterfly valve	2"-80"	150Lb-600Lb	WCB,WC5/6/9, LCB, LCC,CF8, CF8M, CF3, CF3M
	2"-80"	125Lb-300Lb	A126 B, A536