

## Features and Advantages

### Shaft

Square type stem head design facilitates adaption to automatic actuation.

### Belleville Washer

The specially designed elastomer washer provide live loading to maintain constant pressure on the body lining. The fluoroc elastomer materials reduce the deformation in virtue of continuous temperature variation.

### ISO-5211 Mounting Flange

Universal mounting dimensions facilitate valve actuations. Allows for direct mounting of several actuators.

### Stem Bearings

Bronze or PTFE/SS bearings maintain shaft alignment. Self-lubricated bearings reduce side loading of shaft.

### Body

2pc split body construction with epoxy coating resists the effect of atmospheric corrosion.

### Seat

Molded liner is machined to provide low torque and reduce wear on the contacting parts.

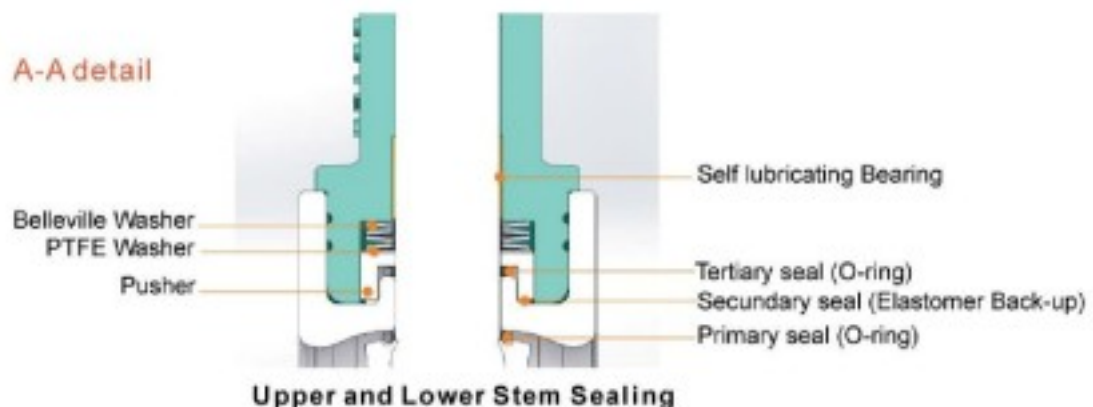
### One-piece Disc/Stem

Disc has spherically machined and hand polished disc edge hubs to eliminate torque and improve sealing capacity.

### Elastomer Back-up

It is the same width as the disc edge and locked into body groove. It provides resilience to body liner, giving bubble-tight seal.

### A-A detail



Upper and Lower Stem Sealing