

# Recommended Specifications

# KEYSTONE



## Series 60W

### General Specification

The valve shall be capable of bi-directional, drop-tight service to 250 psi (2" - 12") and 200 psi (14" - 24").

### Flange Mating

The valve shall be wafer style and meet ASME Class 125/150 flange standards. Valve neck length shall be sufficient to allow for flange clearance and piping insulation.

### Actuation

Valve body shall have an integrally cast top plate for direct flush-mounting of manual or power actuators without use of brackets or adaptors. Valves 8" and larger shall be provided with manual gear or power actuators.

### Seat

The seat shall be elastomer cartridge style, reinforced with a phenolic backing ring, and capable of being used on pressure or vacuum. A molded-in O-ring shall be used to eliminate the need for flange gaskets.

### Disc

The disc shall be machined with a radius on the disc edge to reduce wear and seating and unseating torque.

### Stem

The stem shall be a two-piece design. The stem-to-disc connection shall be a machined rectangular drive mated to a machined rectangular socket in the disc. Stems shall be pinned to the valve body to provide blowout-proof capability.

### Bearings

The valve shall be provided with Teflon® upper and lower stem bearings.

### Materials of Construction

**Body:** Cast Iron  
Ductile Iron  
Stainless Steel

**Seat:** EPDM  
NBR  
PTFE  
Viton®  
Other

**Disc:** Aluminum Bronze  
Stainless Steel  
Ductile Iron  
Other

**Stem:** Stainless Steel

**Bearing:** Teflon®

**Size:** 2" - 24"

1. Teflon® is a registered trademark of E.I. du Pont de Nemours Company.

2. Viton® is a registered trademark of DuPont Dow Elastomers.

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