

Recommended Specifications

KEYSTONE



Series 60L

General Specification

The valve shall be capable of bi-directional, drop-tight service to 250 psi (2" - 12") and 200 psi (14" - 24"). The valve body shall be machined with a retaining lip for positive retention of the seat to provide drop-tight shutoff at full rated differential pressure with the down stream piping removed.

Flange Mating

The valve shall be lug style and shall be drilled and tapped to 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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