



Your One-Stop-Shop for Valves & Automation

www.flotite.com
sales@flotite.com

Flanged End - F150/F300

- Full & Reduce options - Size Range 1/2"-12"
- Flanged Ends-Full-Port Size Range 1/4"-4"
- Stainless Steel/Carbon Steel
- Threaded Ends Reduced Port IPC body
- Threaded Ends 1/4"-2"

Fusion Series - S23/T23

High Pressure

- 1/4"-2" 2000 WOG
- 2 1/2"-4" 1500 WOG

Steam Rated

- S23 => 250 WSP
- T23 => 150 WSP

High Temperature Applications

- Up to 550°F

Economy Valves

- Flanged & Threaded End Connections
- Stainless Steel/Carbon Steel
- Size range 3/4"-12" 150/300#

Forged Brass Threaded & Solder End Connection T90 Series

- Multi-Port 3 & 4 Way Ball Valves
- 600 PSI
- Size 1/4"-4"
- FM/UL/SR Certificates
- Lead-Free Designs

Multi-Choice Series - 300 Series

- **Valve Versatility at an economical price**
- 3PC Design
- Stainless steel/carbon steel
- Threaded, socket-weld, butt-weld connections
- Sizes 1/4"-4"
- 1500 PSI



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Performance Series

Built for Heavy Duty Applications

Ductile Iron Body
 Disc: Nylon Coated
 316SS or Bronze Disc
 Seat: EPDM / Buna / Viton
 ISO 5211 Top Flange

Size Range: 2"-24"
 Pressure: 200 WOG



51 Model
 Wafer Type



52 Model
 Lug Type

Chem-Tek Series

Designed for Corrosive Environments

316 Stainless Steel Standard
 Body Special Duplex / Alloy 20
 Seat: EPDM / Buna / PTFE / Viton
 ISO 5211 Direct Mount
 4 Drilled & Tapped Lugs, Ideal for Precise Alignment

Size Range: 2"-12"
 Pressure: 150 WOG



53 Model
 Semi-Lug



53 Model
 Semi-Lug

HP Series

Fire Safe - Fire Pro Series

*Wafer and Lug Type
 Built to ANSI & API standards
 Eccentric Double Offset Design*

Both Types
 ANSI Class 150 / Class 300
 Standard Material SS316
 Or Carbon Steel WCB
 Special Duplex SS / Alloy 20
 17 - 4PH Shaft
 Adjustable Stem Packing
 with Gear or Actuator Mounted
 Optional Valve Seats Available
 ISO 5211 Top Flange

Size Range: 2"-48"
 Pressure Classes: 150 / 300

Wafer Type
 Class 150: Model BW630
 Class 300: Model BW730

Lug Type
 Class 150: Model BL630
 Class 300: Model BL730



BW 630
 Wafer Type
 Class 150



BL 630
 Lug Type
 Class 300

Triple Offset Butterfly Valves Hi-Tek Series

Design Features
 Full Flanged End
 Wafer Type
 Lug Type
 Butt Weld
 Metal Seats
 Class VI Shut-Off

Size Range:
 3"-48"
 Pressure Classes:
 150/300/600/900



Triple Offsets



Actuator Selection Guide

AirCon C Series

Pneumatic rack & pinion
Rotary actuators
Spring return & double acting
Travel stop adjustments 5%
Optional travel stop for 100%

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Sizes Ranging from 55 in-lbs to
28500 in-lbs Standard

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Series XB

Extended Range Series

AirCon heavy duty rack and
seven pinion actuators offer
a broad range of torques
up to 1,565,800 inch lbs

AirMax Cylinder Type

Dependable high-cycle operation
The AirMax Actuator is the most
efficient pneumatic actuator available,
delivering precise reliable automation
for all types of control valves.

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Kompact 4 Series

Space saving - fast acting four piston
design- increased number of pistons
allows for a smaller piston diameter,
allowing less air consumption to reduce
size while maintaining its high output torques.

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Automator Series

Spring-Diaphragm Actuator
designed & developed specifically
for valves that require precise control
with low air supply.
Torque range; 133 to 12680 inch lbs



HI-TEK SuperCool Cryogenics

Product Description

- Seat and stem packing have special materials to handle the extreme temperatures as low as -350°F
- Extended bonnet protects packing and the operator (whether human or mechanical)



Cryogenic



Special Features:

- Available Cryo Bonnet Tall Stems
- One Piece High Strength Stems
- Encapsulated body seals prevent "cold flow"

Focus Industry:

- The specialty gases industries use these valves for LNG service to -260F and Nitrogen to -320F to enable the gases to be transported more efficiently in a compressed state at super-cool temperatures.
- Low temperature services with temperatures below freezing down to -350°F
- Chilling & Freezing Applications Food Industry
- Biotechnology & Medical Industry
- Aerospace Industry
- Alloy Treatment Service
- Petrochemical Industry



Gases including:

- Oxygen
- Nitrogen
- Hydrogen
- LNG
- Fluorine
- Helium
- Methane
- Petrochemical

HI-TEK SuperAlloys

For EXTREME CORROSION
where ordinary metal just doesn't last.

Product Description:

- Floating and Trunnion Ball Valves
- Metal/Elastomer seated to 48"/ANSI 2500
- Gate/Globe/Check up to 60"/ANSI 2500
- Double and Triple Offset Butterfly to 100"/ANSI 600

Special Feature:

- Extreme corrosion alloys: Hastelloy, Inconel, Nickel Alloys, Chromium, Zirconium, Copper, Iron Super Alloys

Focus Industry:

The chemical industry uses Hi-Tek's Super Alloy series for extreme corrosive environments.



Zirconium Gate Valve



Titanium Knife Gate Valve



Inconel Butterfly Valve



Nickel Alloy Gate Valve



Hastelloy Ball Valve