

GENERAL PURPOSE STANDARD PORT - BRONZE, CARBON STEEL & STAINLESS STEEL

Quarter turn
On - Off



BLOW-OUT
PROOF STEM
DESIGN
No lubrication
required
for life of valve

150# PSIG STEAM

70-100 Series

- Bronze Valves — 600 P.S.I. WOG, Cold, Non-Shock

BRONZE

Size	Catalog #
1/4"	CO-70-101-01
3/8"	CO-70-102-01
1/2"	CO-70-103-01
3/4"	CO-70-104-01
1"	CO-70-105-01
1 1/4"	CO-70-106-01
1 1/2"	CO-70-107-01
2"	CO-70-108-01
2 1/2"	CO-70-109-01A
3"	CO-70-100-01
4"	CO-70-10A-01

73A-100 Series

- Carbon Steel Valves - 2000 P.S.I. WOG, 1/4" thru 1", 1500 P.S.I. WOG, 1 1/4" thru 2", Cold, Non-Shock

CARBON STEEL

Size	Catalog #
1/4"	CO-73A-101-01
3/8"	CO-73A-102-01
1/2"	CO-73A-103-01
3/4"	CO-73A-104-01
1"	CO-73A-105-01
1 1/4"	CO-73A-106-01
1 1/2"	CO-73A-107-01
2"	CO-73A-108-01

76-100 Series

- 316 Stainless Steel Valves — 800 P.S.I. WOG, Cold, Non-Shock

STAINLESS STEEL

Size	Catalog #
1/4"	CO-76-101-01
3/8"	CO-76-102-01
1/2"	CO-76-103-01
3/4"	CO-76-104-01
1"	CO-76-105-01
1 1/4"	CO-76-106-01
1 1/2"	CO-76-107-01
2"	CO-76-108-01
2 1/2"	CO-76-109-01
3"	CO-76-100-01

3-PIECE FULL PORT - BRONZE, CARBON STEEL & STAINLESS STEEL

Quarter turn
On - Off



BLOW-OUT
PROOF STEM
DESIGN
No lubrication
required
for life of valve

150# PSIG STEAM

82-100 Series

- Bronze Valves — 400 P.S.I. WOG, Cold, Non-Shock

BRONZE

Size	Catalog #
1/4"	CO-82-101-01
3/8"	CO-82-102-01
1/2"	CO-82-103-01
3/4"	CO-82-104-01
1"	CO-82-105-01
1 1/4"	CO-82-106-01
1 1/2"	CO-82-107-01
2"	CO-82-108-01
2 1/2"	CO-82-109-01
3"	CO-82-140-01
4"	CO-82-14A-01

83R-100 Series

- Carbon Steel Valves-1000 P.S.I. WOG, Cold, Non-Shock

CARBON STEEL

Size	Catalog #
1/4"	CO-83R-101-01
3/8"	CO-83R-102-01
1/2"	CO-83R-103-01
3/4"	CO-83R-104-01
1"	CO-83R-105-01
1 1/4"	CO-83R-106-01
1 1/2"	CO-83R-107-01
2"	CO-83R-108-01
3"	CO-83R-100-01

86-100 Series

- 316 Stainless Steel Valves — 800 P.S.I. WOG, Cold, Non-Shock

STAINLESS STEEL

Size	Catalog #
1/4"	CO-86R-101-01
3/8"	CO-86R-102-01
1/2"	CO-86R-103-01
3/4"	CO-86R-104-01
1"	CO-86R-105-01
1 1/4"	CO-86R-106-01
1 1/2"	CO-86R-107-01
2"	CO-86R-108-01
3"	CO-86R-100-01

PAD LOCKING BALL VALVE



75-100 Series

BRONZE

Size	Catalog #
1/4"	CO-75-101-41
3/8"	CO-75-102-41
1/2"	CO-75-103-41
3/4"	CO-75-104-41
1"	CO-75-105-41
1 1/4"	CO-75-106-41
1 1/2"	CO-75-107-41
2"	CO-75-108-41

- Threaded End Connections
- Rated to 125 psig - air or water
- Temperature rating: +50°F to 200°F
- Chromium plated ball
- Reinforced TFE seats and stuffing box ring
- May be padlocked in open or closed position with no change of hardware.
- Blow-out-proof stem design
- Adjustable packing gland

BRONZE 3-WAY VALVE



70-600 Series

BRONZE

Size	Catalog #
1/4"	CO-70-601-01
3/8"	CO-70-602-01
1/2"	CO-70-603-01
3/4"	CO-70-604-01
1"	CO-70-605-01
1 1/4"	CO-70-606-01
1 1/2"	CO-70-607-01
2"	CO-70-608-01

- Threaded End Connections
- Rated to 400 psig WOG
- 100% Air tested under water
- Easy quarter-turn operation

GAS/FUEL SHUT-OFF VALVE



71-500 Series

BRONZE

Size	Catalog #
1/4"	CO-70-601-01
3/8"	CO-70-602-01
1/2"	CO-70-603-01
3/4"	CO-70-604-01
1"	CO-70-605-01
1 1/4"	CO-70-606-01
1 1/2"	CO-70-607-01
2"	CO-70-608-01

- Threaded End Connections
- Valve with spring return handle
- Ideal for applications where the valve must be in OFF position at all times
- Can be used in reverse with 90° reverse stem option
- Basic configuration: spring return to CLOSED
- Optional: Spring return to OPEN
- All lever components are stainless steel
- Torque nearly 3 times that of standard valves

Ball Valves & Automation



5-PORT TANK SELECTOR

78-124 & 78-125-01A Series



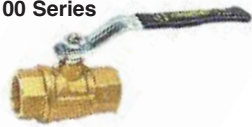
BRONZE

Size	Catalog #
1/2"	CO-78-124-01
3/4"	CO-78-125-01A

- 5 Threaded End Connections
- Bronze ball valve with SS Lever and Nut
- PTFE and RPTFE stem packing
- 50 psig pressure rating
- Operation: 4 selected inlets feed one common outlet

Economy Full Port Brass Ball Valve

64-100 Series



BRASS

Size	Catalog #
1/4"	CO-64-101-01
3/8"	CO-64-102-01
1/2"	CO-64-103-01
3/4"	CO-64-104-01
1"	CO-64-105-01
1 1/4"	CO-64-106-01
1 1/2"	CO-64-107-01
2"	CO-64-108-01
2 1/2"	CO-64-109-01A
3"	CO-64-100-01
4"	CO-64-10A-01

- Threaded End Connections
- Pressure rated to 600 psig WOG; 150psig steam
- Temperatures to 366°F
- Blowout-proof stem
- Chrome-plated brass ball

GENERAL PURPOSE UNI-BODY VALVE

9A-100 Series



BRONZE

Size	Catalog #
1/4"	CO-9A-101-01
3/8"	CO-9A-102-01
1/2"	CO-9A-103-01
3/4"	CO-9A-104-01
1"	CO-9A-105-01
1 1/4"	CO-9A-106-01
1 1/2"	CO-9A-107-01
2"	CO-9A-108-01

- Threaded End Connections
- Rated to 600 psig WOG
- Static grounding device
- Blowout-proof stem
- Adjustable packing gland

Actuated Valves, Information Needed for Ordering:



1. Valves Info:

- Bronze
- Carbon Steel
- Stainless Steel

- Threaded
- Flanged
- 125#
- 150#

- Air
 - Steam
 - Liquid
 - Gas
- Specify _____

Pipe Size _____
 Pressure _____
 Temperature _____
 # of Times Valve will
 Open Per Hour _____

2. Actuator Info:

- Electric:
- Voltage: _____
- Nema 4
 - Nema 7
 - Unknown

- Pneumatic:
- Air Supply in PSI _____
 (minimum 40, maximum 120)
- Type: Air Open, Air Close
 Air Open Spring Close

- Fail Safe:
- Normally Open-(Air Closes Valve)
 - Normally Closed-(Air Opens Valve)



Electronic Actuator

Pneumatic Actuator

- Standard spring cartridge system is designed to operate on 40, 60, 80, 100 and 120 PSI service
- One piece output pinion
- Can be mounted on 1 1/2" - 24" Apollo valves
- NAMRU slotted connection
- Can accommodate custom shaft connections
- Corrosion resistant polyester powder coated end caps
- Hard anodized aluminum housing
- All fasteners are high strength stainless steel
- Permanently lubricated nitrile seals



Valve Position Monitor

- High visibility, color-coded indicator to display valve position
- Meets latest NAMRU standards
- Call for more information

Electric Actuator

- 5 output torques, one housing 200, 400, 600, 800, and 1,000 inch-pounds.
- Anodized cast aluminum housing
- Permanently lubricated enclosed gear train
- 115 AC, 220 AC and 24AC--All AC models feature a 5% duty cycle below 100°F
- 12 and 24 DC--All DC voltage models provide 100% duty cycle
- Operates from -40°F (when equipped with heater and thermostat) to 150°F
- Actuators can be ordered with one, two or three additional limit switches

Solenoids

- Compatible with both spring return and double acting regulators
- Features a variety of interchangeable integrated molded coils
- Manufactured by AVC (Automatic Valve Company)
- Call for more information



Positioners

- Simple design makes it easy to understand, calibrate and repair
- Pneumatic or Electro-pneumatic
- Rugged construction for tough applications
- Call for more information

