Actuated Valves Product Guide & Engineering Specifications Premium Actuated Valve Package Overview





Electric True Union Ball Valve



Pneumatic True Union Ball Valve



Typical Illustration



Pneumatic Actuated Butterfly Valve

Electric Actuated Butterfly Valve



Electric Actuated Diaphragm Valve







Pneumatic Actuated Diaphragm Valve



Actuated Valves Product Guide & Engineering Specifications Electric Actuated True Union Ball Valves

Spears® True Union 2000 Ball Valve Premium Electric Actuation Package

The compact design of True Union 2000 Ball Valves provides maximum versatility with minimum space requirements. Fully serviceable valve cartridge also mates with Spears® Union 2000 Schedule 80 pipe unions. Both valves and unions utilize Buttress Thread union nuts for superior strength. All ball valves feature Spears® self adjusting Floating Seat design for extended service, and Spears® Safe-T-Shear® Stem with double O-ring stem seals for assurance of fluid containment in case of inadvertent valve damage. Available in chemical and corrosion resistant PVC or CPVC with socket, flanged or Spears® Patented Special Reinforced (SR) threaded.

Actuated package includes polypropylene valve mounting bracket for accurate valve/ actuator alignment and support in any position. Premium electric actuator utilizes a reversing type motor with UL approved, built in thermal overload protection. Gear train is permanently lubricated. All hardware is stainless steel. Standard 115 VAC, 60 HZ, with voltage options available.



Declutchable Style Shown

Typical Illustration

True Union 2000 Ball Valve Specifications

Style Double union • 1/4 turn shut off

Double O-ring stem seals
 Safe-T-Shear® Stem

Blocked seal carrier

Material PVC or CPVC

Size Range 1/2" - 6" & 8" Venturied*

Pressure Rating 1/2 - 6 & 8 Venturied*
1/2" - 4" = 235 psi @ 73°F
6" - 8" & all flanged

valves = 150 psi @ 73°F

Vacuum Service To 26 in-Hg

Seats PTFE
O-rings EPDM or FKM

End Connector Socket, SR Threaded, or Flanged Certifications EPDM Valves NSF_® Certified for potable

water use.

Standard Actuator Specifications

- · Reversing Motor
- · Permanent Lubrication
- Thermal Overload Protection
- 2-Position Operation with 2-SPDT Limit Switches
- · Additional set dry contacts SPDT limit Switches
- NEMA 4 Enclosure, Powder Coated
- Basic Manual Override 1/2" through 3" (Declutchable Available)
- Declutchable Manual Override 4" through 6"
- 115 VAC 60 Hz standard, optional voltages available
- Illuminated Position Indicator
- Heater

Custom Electric Actuation Options & Accessories

- Modulating (variable positioning)
- Thermostat
- · Additional Limit Switch sets
- Feedback Potentiometer
- Transmitter
- · LED Indicator lights
- Torque Sensor
- Declutchable Manual Override
- Duty Cycle Upgrades (75% & 100%)
- NEMA 4x, 7, & 9 Enclosures
- Spring Return Operation (Fail Safe)
- Voltage Options: 24 VAC, 230 VAC, 12 VDC, 24 VDC (additional options available by request)
- · Custom ID Tags

Sample Engineering Specification

All ball valves shall be electrically actuated True Union 2000 type constructed from PVC Type I Cell Classification 12454 or CPVC Type IV Cell Classification 23447. All O-rings shall be EPDM or FKM. All valves shall have Safe-T-Shear® stem and double O-ring stem seals. All valve union nuts shall have Buttress threads. All seal carriers shall be Safe-T-Blocked®. All valve components shall be replaceable. All EPDM valves shall be certified by NSF international for use in potable water service. All 1/2" through 4" valves shall be pressure rated at 235 psi and all 6" through 8" & all flanged valves shall be pressure rated at 150 psi for water at 73°F. Electric Actuators shall be factory installed, 115 VAC with thermally protected, reversing motor. All mounting fasteners shall be stainless steel. Actuator shall be equipped with [selected options list], as manufactured by Spears® Manufacturing Company.

^{*8&}quot; Venturied is 6" valve fitted with 8 x 6 adapters

Actuated Valves Product Guide & Engineering Specifications Pneumatic Actuated True Union Ball Valves



Spears® True Union 2000 Ball Valve Premium Pneumatic Actuation Package

The compact design of True Union 2000 Ball Valves provides maximum versatility with minimum space requirements. Fully serviceable valve cartridge also mates with Spears® Union 2000 Schedule 80 pipe unions. Both valves and unions utilize Buttress Thread union nuts for superior strength. All ball valves feature Spears® self adjusting Floating Seat design for extended service, and Spears® Safe-T-Shear® Stem with double O-ring stem seals for assurance of fluid containment in case of inadvertent valve damage. Available in chemical and corrosion resistant PVC or CPVC with socket, flanged or Spears® Patented Special Reinforced (SR) threaded.

Actuated package includes polypropylene valve mounting bracket for accurate valve/actuator alignment and support in any position. Premium pneumatic actuator is an Air-to-Air (Double Acting; optional Spring Return) featuring twin piston rack and pinion operation with adjustable stops, and permanent lubrication. Manual override is standard. Housing is hard anodized aluminum with epoxy coated aluminum end caps.



Typical Illustration

True Union 2000 Ball Valve Specifications

Style Double union • 1/4 turn shut off

Blocked seal carrier
Double O-ring stem seals
Safe-T-Shear® Stem

Material PVC or CPVC

Size Range 1/2" - 6" & 8" Venturied*

Pressure Rating 1/2" - 4" = 235 psi @ 73°F

6" - 8" & all flanged valves = 150 psi @ 73°F

Vacuum Service
Seats
O-rings

To 26 in-Hg
PTFE
EPDM or FKM

End Connector
Certifications
Socket, SR Threaded, or Flanged
EPDM Valves NSF® Certified for potable

water use.

Standard 2-Position Actuator Specifications

Type Dual piston • rack & pinion • adjustable stop

Standard Operation
Supply Pressure
Air Connection

Air-to-Air (double acting)
80 psi
1/4" - 1/8"

Custom Pneumatic Actuation Options & Accessories

- Spring Return Operation (Fail Safe)
- 60 psi or 40 psi Operating Pressure
- Declutchable Manual Override
- Pneumatic & Electro Pneumatic Positioners
- 3 & 4 Way Solenoid Valve 12VDC, 24VDC, 24VAC, 115VAC, 230VAC NEMA 4/4x & 7/9 rating
- · Dual Power Solenoids
- Output Signal Limit Switches
- Standard Limit Switches
- · Dome Position Indicator
- Stainless Steel Gauge Sets
- Customized ID Tags

Sample Engineering Specification

All ball valves shall be pneumatically actuated True Union 2000 type constructed from PVC Type I Cell Classification 12454 or CPVC Type IV Cell Classification 23447. All O-rings shall be EPDM or FKM. All valves shall have Safe-T-Shear® stem and double O-ring stem seals. All valve union nuts shall have Buttress threads. All seal carriers shall be Safe-T-Blocked®. All valve components shall be replaceable. All EPDM valves shall be Certified by NSF International for use in potable water service. All 1/2" through 4" valves shall be pressure rated at 235 psi and all 6" through 8" and all flanged valves shall be pressure rated at 150 psi for water at 73°F. Pneumatic Actuators shall be factory installed, dual piston, rack & pinion design with adjustable stops. Operation shall be Air-to-Air (double acting) for 80 psi supply pressure. All mounting fasteners shall be stainless steel. Actuator shall be equipped with [selected options list], as manufactured by Spears® Manufacturing Company.

^{*8&}quot; Venturied is 6" valve fitted with 8 x 6 adapters



Actuated Valves Product Guide & Engineering Specifications Electric Actuated Butterfly Valves

Spears® Butterfly Valve Premium Electric Actuation Package

Spears® innovative patented seat design departs from traditional liner-seat type valves to eliminate seat creep, reduce operating torque and provide positive seal off. Ideally suited for flow control or throttling, this high performance valve offers a full variety of options for greater application versatility. Fully isolated (Dry Stem), solid type 316 stainless steel with optional PTFE coated stems available for extra protection assurance. PVC and CPVC valves are available in Standard or True Lug style for sizes 1-1/2" through 14". Polypropylene valves are available in Standard valve style for sizes 1-1/2" through 24", plus sizes 30" through 60" produced to order. Premium electric actuator utilizes a reversing type motor with UL approved, built in thermal overload protection. Gear train is permanently lubricated 1/2" NPT conduit outlet. Standard 115 VAC connection.



Declutchable Style Shown

Typical Illustration

Butterfly Valve Specifications

Style Flanged

Material PVC, CPVC, UV Stabilized PP Size Range PVC/CPVC = 1-1/2" - 12"

PP = 1-1/2" - 24" (custom 30" - 60")

Pressure Rating 1-1/2" - 12" =150 psi @ 73°F

14" = 100 psi @ 73°F 16" = 85 psi @ 73°F 18" = 70 psi @ 73°F

20" - 24" = 50 psi @ 73°F Buna-N, EPDM or FKM on

PVC/CPVC valves; EPDM or FKM

on Polypropylene valves

Bolt Pattern ANSI Class 125/150

Standard 2-Position Actuator Specifications

- · Reversing Motor
- · Permanent Lubrication
- · Thermal Overload Protection
- 2-Position Operation with 2-SPDT Limit Switches
- Additional set dry contacts SPDT limit Switches
- NEMA 4 Enclosure, Powder Coated
- Basic Manual Override 1-1/2 through 4" (Declutchable Available)
- Declutchable Override 6" through 12"
- 115 VAC 60 Hz standard, optional voltages available
- Illuminated Position Indicator
- Heater

Note: Contact Spears® for information on valve sizes 14" and larger.

Special Valve Options & Accessories

- PVC & CPVC True-Lug valves w/ factory installed lugs
- PTFE coated stainless steel stem
- Titanium & Hastaloy Stems
- PTFE encased valve seat
- Field installable Lug Insert sets for PVC/ CPVC valves through 12"
- Stem Extensions

Seats & Seals

- Seat & Seal Replacement Kits
- 30"- 60" Polypropylene valves (contact Spears® for details)

Electric Actuation Options & Accessories

- Modulating (variable positioning)
- Thermostat
- · Additional limit switch sets
- Feedback Potentiometer
- Transmitter
- · LED Indicator lights
- Torque sensor
- Declutchable Manual Override
- Duty Cycle Upgrades (75% & 100%)
- NEMA 4x, 7, & 9 Enclosures
- Voltage Options: 24 VAC, 230 VAC, 12 VDC, 24 VDC (additional VOLTAGE options available by request)
- Custom ID Tag

Sample Engineering Specification

All electrically actuated Butterfly valves shall be constructed from PVC Type I Cell Classification 12454 or CPVC Type IV Cell Classification 23447 or UV stabilized Polypropylene. All valve seats and O-rings shall be Buna-N, EPDM or FKM. Seat shall be a non-liner type interlocked to valve body. Bolt hole pattern shall conform to ANSI/ASME B16.5 CL 125/150. Disc shall be offset design with Type 316 stainless steel stem. Valves shall be pressure rated at [select from specification] for water at 73°F. Electric Actuators shall be factory installed, 115 VAC with thermally protected, reversing motor. Actuator shall be equipped with [selected options list] as manufactured by Spears® Manufacturing Company.

Actuated Valves Product Guide & Engineering Specifications Pneumatic Actuated Butterfly Valves



Spears® Butterfly Valve Premium Pneumatic Actuation Package

Spears® innovative patented seat design departs from traditional liner-seat type valves to eliminate seat creep, reduce operating torque and provide positive seal off. Ideally suited for flow control or throttling, this high performance valve offers a full variety of options for greater application versatility. Fully isolated (Dry Stem), solid type 316 stainless steel stems with optional PTFE coated stems available for extra assurance. PVC and CPVC valves are available in Standard or True Lug style for sizes 1-1/2" through 14". Polypropylene valves are available in Standard valve style for sizes 1-1/2" through 24", plus sizes 30" through 60" produced to order. Premium pneumatic actuator is an Air-to-Air (Double Acting; optional Spring Return) featuring twin piston rack and pinion operation with adjustable stops, and permanent lubrication. Manual override is standard. Housing is hard anodized aluminum with epoxy coated aluminum end caps.



Typical Illustration

Butterfly Valve Specifications

Style Flanged
Material PVC, CPVC, PP

Size Range PVC/CPVC = 1-1/2" - 12" PP = 1-1/2"- 24" (custom 30" - 60")

Pressure Rating 1-1/2" - 12" =150 psi @ 73°F

1-1/2" - 12" = 150 psi @ 73°F 14" = 100 psi @ 73°F

16" = 85 psi @ 73°F 18" = 70 psi @ 73°F 20" - 24" = 50 psi @ 73°F

Seats & Seals Buna-N, EPDM or FKM on

PVC/CPVC valves; EPDM or FKM

on Polypropylene valves

Bolt Pattern ANSI Class 125/150

Special Valve Options & Accessories

- "True-Lug" style factory installed lugs (PVC & CPVC valves only)
- PTFE coated stainless steel stem
- Titanium & Hastaloy Stems
- PTFE encased valve seat
- Field installable Lug Insert sets for PVC/CPVC valves through 12"
- Stem Extensions
- Seat & Seal Replacement Kits
- 30" 60" Polypropylene valves (contact Spears® for details)

Standard 2-Position Actuator Specifications

Type Dual piston • rack & pinion

• adjustable stop

Standard Operation Air-to-Air (double acting)

Supply Pressure 80 ps

Air Connection 1/4" - 1/8" Depends on Actuator

Note: Contact Spears® for information on valve sizes 14" and larger.

Custom Pneumatic Actuation Options & Accessories

- Spring Return Operation (Fail Safe)
- 60 psi or 40 psi Operating Pressure
- Declutchable Manual Override
- Pneumatic & Electro Pneumatic Positioners
- 3 & 4 Way Solenoid Valves
 12VDC, 24 VDC, 24VAC, 115VAC, 230VAC
 NEMA 4/4x & 4.4x.7/9 rating
- Dual Power Solenoids
- · Output Signal Limit Switches
- Standard Limit Switches
- Dome Position Indicator
- Stainless Steel Gauge Sets
- Customized ID Tags

Sample Engineering Specification

All pneumatically actuated Butterfly valves shall be constructed from PVC Type I Cell Classification 12454 or CPVC Type IV Cell Classification 23447 or UV stabilized Polypropylene. All valve seats and O-rings shall be Buna-N, EPDM or FKM. Seat shall be a nonliner type interlocked to valve body. Bolt hole pattern shall conform to ANSI/ASME B16.5 CL 125/150. Disc shall be offset design with Type 316 stainless steel stem and hardware. Valves shall be pressure rated at [select from specifications] for water at 73°F. Pneumatic Actuators shall be factory installed, dual piston, rack & pinion design with adjustable stops. Operation shall be Air-to-Air (double acting) for 80 psi supply pressure. Actuator shall be equipped with [selected options list], as manufactured by Spears® Manufacturing Company.



Actuated Valves Product Guide & Engineering Specifications Electric Actuated Diaphragm Valves

Spears® Diaphragm Valve Premium Electric Actuation Package

This full-featured industrial grade valve is engineered to provide accurate throttling and shut off for chemical processing, industrial, and water treatment applications. Weir type design eliminates entrapped fluids in valve. Excellent for handling of liquids with suspended solids, viscous materials and slurries. Premium electric actuator utilizes a multi-turn reversing motor with UL approved, built in thermal overload protection and permanently lubricated gear train. 1/2" NPT conduit outlet. Standard 115 VAC, 60 Hz.



Typical Illustration

Diaphragm Valve Specifications

Style Diaphragm • Weir type

• fully repairable

Material PVC, CPVC, UV Stabilized PP

Size Range 1/2" - 8"

Pressure Rating PVC & CPVC

1/2" - 2" = 235 psi @ 73°F

1/2" - 4" Flanged = 150 psi @ 73°F

6" = 100 psi @ 73°F 8" = 75 psi @ 73°F

PP:

1/2"- 4" = 150 psi @ 73°F 6" = 100 psi @ 73°F 8" = 75 psi @ 73°F

With PTFE Diaphragm: 1/2" - 4" = 150 psi @ 73°F

Diaphragm EPDM, FKM, or elastomer

backed PTFE

End Connector PVC & CPVC =

True Union socket/threaded, or Spigot Body (1/2" - 2") Flanged Body (1/2" - 8")

pp.

True Union threaded (1/2" - 2"), Flanged Body (sizes 2-1/2" - 8")

Standard 2-Position Actuator Specifications

Motor Multi-turn reversing

Thermal Overload

Protection

Voltage 115 VAC, 60 Hz Lubrication Permanent

Special Valve Options & Accessories

- Diaphragm & O-ring Replacement Kits
- Hypalon® (CSM) Diaphragms
- EPDM backed PTFE Diaphragms
- FKM backed PTFE Diaphragms

Custom Electric Actuation Options & Accessories

- Declutchable Manual Override
- · Auxiliary Limit Switches
- NEMA 7, 9 & NEMA 4X Enclosures
- Position Indicator Lights (red/green)
- Voltage Options: 12 VDC, 24 VDC, 24 VAC, 230 VAC

(see Accessories & Options section for limitations)

Custom ID Tags

Sample Engineering Specification

All electrically actuated diaphragm valves shall be True Union Socket/Thread or Flanged or Spigot type constructed from PVC Type I Cell Classification 12454 or CPVC Type IV Cell Classification 23447 or UV Stabilized PP. All valve diaphragms shall be EPDM or FKM or Hypalon® or elastomer backed PTFE. All True Union valve union nuts shall have Buttress threads. All valve components shall be replaceable. All 1/2" through 2" valves shall be pressure rated to 235 psi, all 2-1/2" through 4" valves, 1/2" - 4" flanged valves and 1/2" - 4" PTFE diaphragm valves to 150 psi, all 6" valves to 100 psi, and all 8" valves to 75 psi for water at 73°F. Electric Actuators shall be factory installed, 115 VAC with thermally protected, reversing motor. Actuator shall be equipped with [selected options list] as manufactured by Spears® Manufacturing Company.

Actuated Valves Product Guide & Engineering Specifications

Unitized Actuated Diaphragm Valves - Pneumatic with Plastic Housing



Spears® Unitized Pneumatic Actuated Diaphragm Valve Package

Industrial grade Weir-type design, excellent for throttling and use with viscous fluids or slurries.

Compact, Light Weight Design

True Union Socket/Thread, SR Thread, or Spigot End Connections

- sizes 1/2"-2" Pressure Rated to 235 psi @ 73°F (23°C)

Flanged Ends (& PTFE diaphragms) - sizes 1/2" - 2" Pressure Rated to 150 psi @ 73°F (23°C)

Corrosion Resistant Plastic Housing

Stainless Steel Hardware

90 psi Operating Pressure

Linear Action Operation with Preset Stops

Air-Air, Air-Spring Closed, or Optional Air-Spring Open

NOTE: "Socket" valves include standard plastic thread end connectors.



Typical Illustration

Diaphragm Valve Specifications

Style	Diaphragm • Weir type
	F8

• fully repairable

Material PVC, CPVC, PP

Size Range 1/2" - 2"

Size Range 1/2" - 2"
Pressure Rating PVC & CPVC

1/2" - 2" = 235 psi @ 73°F Flanged and PTFE Diaphragm

1/2" - 2" = 150 psi @ 73°F

PP:

1/2"- 2" = 150 psi @ 73°F

Diaphragm EPDM, FKM, or elastomer

backed PTFE

End Connector PVC & CPVC =

True Union socket/threaded/SR

threaded, or

Spigot Body (1/2" - 2") Flanged Body (1/2" - 2")

PP:

True Union SR threaded (1/2" - 2")

Standard 2-Position Actuator Specifications

Valve Sizes 1/2" -2":

Type Linear action

Standard Operation Air-to-Air (double acting),

Air-to-Spring Closed or

Air-to-Spring Open

Supply Pressure 90 psi Air Connection 1/8"

Body Polypropylene

Visual Position Indicator

Special Valve Options & Accessories

- Diaphragm & O-ring Replacement Kits
- Hypalon® (CSM) Diaphragms
- EPDM backed PTFE Diaphragms
- FKM backed PTFE Diaphragms

Custom Pneumatic Actuation Options & Accessories

- Pneumatic & Electro Pneumatic Positioners
- 3 & 4 Way Solenoid Valves
- Customized ID Tags

Sample Engineering Specification

All pneumatically actuated diaphragm valves shall be True Union Socket/Thread or Flanged or Spigot type constructed from PVC Type I Cell Classification 12454 or CPVC Type IV Cell Classification 23447 or UV Stabilized PP. All valve diaphragms shall be EPDM, FKM or Hypalon® or elastomer backed PTFE. All True Union valve union nuts shall have Buttress threads. All valve components shall be replaceable. All 1/2" through 2" valves shall be pressure rated to 235 psi, 1/2" - 2" flanged valves and 1/2" - 2" PTFE diaphragm valves to 150 psi. Pneumatic Actuators shall be factory installed, linear type with preset stops. Operation shall be Air-to-Air (double acting), Air-to-Spring Closed or Air-to-Spring Open for 90 psi supply pressure range as selected. Actuator shall be equipped with [selected options list], as manufactured by Spears® Manufacturing Company.



Actuated Valves Product Guide & Engineering Specifications Pneumatic Actuated Diaphragm Valves

Spears® Diaphragm Valve Premium Pneumatic Actuation Package

This full-featured industrial grade valve is engineered to provide accurate throttling and shut off for chemical processing, industrial, and water treatment applications. Weir type design eliminates entrapped fluids in valve. Excellent for handling of liquids with suspended solids, viscous materials and slurries. Premium pneumatic actuators are Air-to-Air (double acting) or Air-to-Spring Closed (optional spring open) Actuator for 1/2" - 2" valves features a packless/glandless linear piston design and one-piece actuator/bonnet constructed from high integrity PES (Polyethersulphone), chemically resistant to virtually all acids, caustics, and solvents. Actuator for 2-1/2" - 4" valves features a linear diaphragm design and chemical resistant Polyester coated housing.



Typical Illustration

Diaphragm Valve Specifications

Style Diaphragm • Weir type
• fully repairable
PVC, CPVC, PP
Size Range
Pressure Rating

Diaphragm • Weir type
• fully repairable
PVC, CPVC, PP
1/2" - 6"
PVC & CPVC
1/2" - 2" = 235 psi @ 73°F

1/2 - 2 = 255 psi @ 75 F 1/2" - 4" Flanged = 150 psi @ 73°F

6" = 100 psi @ 73°F 8" = 75 psi @ 73°F

PP:

1/2" - 4" = 150 psi @ 73°F 6" = 100 psi @ 73°F 8" = 75 psi @ 73°F With PTFE Diaphragm 1/2"- 4" = 150 psi @ 73°F

Diaphragm EPDM, FKM, or elastomer

backed PTFE PVC & CPVC =

True Union socket/threaded, or

Spigot Body (1/2" - 2") Flanged Body (1/2" - 6")

PP:

True Union threaded (1/2" - 2"), Flanged Body (2-1/2" - 6")

Standard 2-Position Actuator Specifications Valve Sizes 1/2" -2":

Type Linear action

Standard Operation Air-to-Air (double acting) or

Air-to-Spring Closed (optional spring

open) 80 psi

Supply Pressure 80 psi Air Connection 1/8"

Body PES (Polyethersulphone)

Valve Sizes 2-1/2" - 4":

Type Linear action

Standard Operation Air-to-Spring and Air to Air Standard Operating

Pressure 80 psi

Air Connection 1/4" (3" & 4" valves)

Body Polyester coated

Special Valve Options & Accessories

- Diaphragm & O-ring Replacement Kits
- Hypalon® (CSM) Diaphragms
- EPDM backed PTFE Diaphragms
- FKM backed PTFE Diaphragms

Custom Pneumatic Actuation Options & Accessories

- Spring Return Operation (Fail Safe)
- Visual Position Indicator
- Pneumatic & Electro Pneumatic Positioners
- 3 & 4 Way Solenoid Valves
- Micro Limit Switches
- Custom ID Tags

Sample Engineering Specification

All pneumatically actuated diaphragm valves shall be True Union Socket/Thread or Flanged or Spigot type constructed from PVC Type I Cell Classification 12454 or CPVC Type IV Cell Classification 23447 or UV Stabilized PP. All valve diaphragms shall be EPDM, FKM or Hypalon® or elastomer backed PTFE. All True Union valve union nuts shall have Buttress threads. All valve components shall be replaceable. All 1/2" through 2" valves shall be pressure rated to 235 psi, all 2-1/2" through 4" valves, 1/2" - 4" flanged valves and 1/2" - 4" PTFE diaphragm valves to 150 psi, all 6" valves to 100 psi. Pneumatic Actuators shall be factory installed, linear type with preset stops. Operation shall be Air-to-Air (double acting) or Air-to-Spring Closed (optional spring open) for 80 psi supply pressure range. Actuator shall be equipped with [selected options list], as manufactured by Spears® Manufacturing Company.

End Connector