



1 MODEL

- 761 Sanitary/CIP
- 762 Kettle/Tank Outlet
- 771 Throttling Valve

1A Stem

- None Elastomer (3A)
- TR PTFE Replaceable (3A)

2 BODY/PORT* LINE

- 10 Lower Tee
- 27 Upper Tee Reverse Acting
- 30 Lower Cross
- 47 Upper Cross Reverse Acting
- 21 Upper Tee/Lower Tee
- 43 Upper Cross/Lower Cross
- 23 Upper Tee/Lower Cross
- 41 Lower Tee/Upper Cross
- 90 Y-Body

ELBOW, KETTLE

- 21 90° Long Tank Spud
- 31 90° Std. Tank Spud
- 35 45° Std. Tank Spud
- 33 Flanged 45°
- 29 Flanged 90°
- 22 90° Offset Down
- 57 90° Offset Right
- 58 90° Offset Left

TANK OUTLET, TANGENTIAL

- 47 Tee Offset Right
- 48 Tee Offset Left
- 49 Flanged Offset Right
- 50 Flanged Offset Left
- 51 Clamp Cross
- 52 Flanged Cross

*PORTS M=Tri-Clamp® T=Bevel Seat W=Tri-Weld®

3 Actuators*

- 10 Normally Open Piston
- 14D Normally Open (Positioner) Diaph.
- 14P Normally Open (Positioner) Piston
- 15 Normally Open Diaphragm
- 19 Normally Open With Switches
- 20L Normally Closed Piston
- 24D Normally Closed (Positioner) Diaph. (reverse acting only)
- 24P Normally Closed (Positioner) Piston
- 25 Normally Closed Diaph. Reverse Acting
- 29 Normally Closed with Switches
- 30 Air-To-Air Piston
- 40SB Manual Handle
- 80 Three-Position Piston
- 90 Micrometer (manual) - 171 only

*L=Long Stroke S=Short Stroke: 700 series only
HP=High Pressure: 2½" (63.5mm) - 3" (std. 4") only

4 Size

- | | |
|-----|-------|
| in. | mm |
| 1 | 25.4 |
| 1 ½ | 38.1 |
| 2 | 50.8 |
| 2 ½ | 63.5 |
| 3 | 76.2 |
| 4 | 101.6 |

5 ELASTOMER

- U Buna
- E EPDM
- SFY Fluoroelastomer

6 Valve-Body Material

316L All Wetted Parts

7 Switches - Solenoid

| | | | | |
|-----------------------|-------------|----------|---------|--------|
| | No Solenoid | 24 (VDC) | 110 VAC | 24 VAC |
| | Norm | Norm | Norm | Norm |
| Mechanical (Qty. 1) | 02 | 14 | 16 | 39 |
| (VAC/VDC) (Qty. 2) | 04 | 18 | 20 | 40 |
| Proximity (Qty. 1) | 10 | 30 | 32 | 43 |
| (VAC/VDC) Qty. 2) | 12 | 34 | 36 | 44 |
| No switches/Sol. Only | | 37 | 38 | 45 |

*Not available for 300 series

7B-Switch and Solenoid* Selection Chart (*other voltages available)

| Type | Description Code | | |
|------------------|------------------|------------|------------|
| | 0 Solenoid | 1 Solenoid | 2 Solenoid |
| ThinkTop® | | | |
| Digital | A | B | C |
| AS-Interface | E | F | G |
| Device Net | I | J | K |

8 SETUP #

Chart A

Use for model
761/771/762 valves

- | Description | Setup # |
|---|---------|
| No solenoid normally open or normally closed valve | 1 |
| Normally open valve closes when solenoid is de-energized | 2 |
| Normally closed valve opens when solenoid is de-energized | 3 |
| Normally closed valve opens when solenoid is energized | 4 |
| Normally open valve closes when solenoid is energized | 5 |
| Air both ways, normally closed | 6 |

Chart B

Use for model
762-31/35/29/33/21/22/57/58

- | Description | Setup # |
|---|---------|
| No solenoid normally open or normally closed valve | 1 |
| Normally closed valve opens when solenoid is de-energized | 2 |
| Normally open valve closes when solenoid is de-energized | 3 |
| Normally open valve closes when solenoid is energized | 4 |
| Normally closed valve opens when solenoid is energized | 5 |
| Air both ways, normally closed | 7 |

9 SPECIAL OPTIONS

Customer description required.