

Actuated Valves Technical Butterfly Valve Selection



Table 1: BALL VALVES (Continued)

VALVE CODE For 3-Way Full Port Ball Valves Only

Valve Type-2-Digits. Use same selections for End Connector, O-ring, Special Option, & Material moved over one digit space.

□ □

1 - 2

- UF = Hor 3-way Full Port L Tandem
- VF = Hor 3-way Full Port T Tandem
- WF = Ver 3-way Full Port L Tandem
- XF = Ver 3-way Full Port 2L Tandem
- YF = Ver 3-way Full Port 3L Tandem
- RF = Ver 3-way Full Port T Tandem
- AF = Hor 3-way Full Port L-port
- BF = Hor 3-way Full Port T-port
- CF = Ver 3-way Full Port L-port
- DF = Ver 3-way Full Port 2L-port
- EF = Ver 3-way Full Port 3L-port
- FF = Ver 3-way Full Port T-port

**Table 2: BUTTERFLY VALVES
(Valve Type - Stem - Seat & O-ring - Special Options - Material-Size Selection)**

VALVE CODE	Reserved for Actuator	SIZE CODE
□ □ □ □ □ 1 - 2 - 3 - 4 - 5	□ □ □ □ 6 - 7 - 8 - 9	□ □ □ 10 - 11 - 12
<p>Valve type</p> <ul style="list-style-type: none"> 4 = Std. Butterfly 5 = True Lug Butterfly 6 = Tandem 3- Way (see note 6) 7 = Tandem Diverting (see note 7) 8 = High Purity TFM J = Pool Butterfly - white (see note 8) K = Wafer Butterfly L = Shaved Std. Butterfly <p>Stem Material</p> <ul style="list-style-type: none"> 1 = SS 316 2 = PTFE Coated SS 316 3 = Titanium 4 = Hastaloy 	<p>Material</p> <ul style="list-style-type: none"> 1 = PVC (see note 1) 2 = CPVC 3 = PP (see note 2) <p>Special Options (see note 3)</p> <ul style="list-style-type: none"> 0 = None 1 = Zinc plated Lugs (for True Lug) 2 = SS 316 Lugs (for True Lug) 3 = non lubricated 4 = Zinc lug/ non lubricated 5 = SS 316 lug/ non lubricated 6 = No Seat (duct application) 7 = Zinc plated Lug Insert (for Std. Butterfly; see note 9) 8 = SS Lug Insert (for Std. Butterfly; see note 9) <p>Seat & O-ring (see note 4)</p> <ul style="list-style-type: none"> 1 = Buna-N 2 = EPDM 3 = FKM® 4 = PTFE Sleeved Viton® 5 = TFM 6 = PTFE Sleeved EPDM 	<p>Size (see note 5)</p> <ul style="list-style-type: none"> 015 = 1-1/2" 020 = 2" 025 = 2-1/2" 030 = 3" 040 = 4" 060 = 6" 080 = 8" 100 = 10" 120 = 12" 140 = 14" 160 = 16" 180 = 18" 200 = 20" 240 = 24"

Notes:

- 1 - PVC and CPVC valves available through 16" only.
- 2 - All PP and 16" PVC/CPVC valves available in Standard Butterfly style only.
- 3 - Lugs specified with True Lug and Lug Insert styles only.
- 4 - PP valves are standard with EPDM or FKM.
- 5 - Actuated valve sizes 14" and larger are custom produced to order, contact Spears® Technical Services.
- 6 - Tandem 3-Way part number includes two valves operated from one actuator, both closing or both opening at the same time.
- 7 - Tandem Diverting part number includes two valves operated from one actuator with one opening while the other closes.
- 8 - Pool Butterfly Valves available in sizes 1-1/2" to 12" with SS316 Stem, EPDM Seats, PVC White only. No other options are available.
- 9 - Lug Inserts are used when Lug Style valve is ordered for Tandem Diverting valve type.