

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

**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.