# How To Order Valtorc Valve Assemblies

## How To Order A Pneumatic Actuated Ball Valve Assembly

<table>
<thead>
<tr>
<th>VT</th>
<th>PNEUMATIC ACTUATOR ALUMINUM ANODIZED</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA</td>
<td>DOUBLE ACTING</td>
</tr>
<tr>
<td>SR</td>
<td>SPRING RETURN</td>
</tr>
<tr>
<td>FO</td>
<td>SR FAIL OPEN</td>
</tr>
<tr>
<td>FC</td>
<td>SR FAIL CLOSED</td>
</tr>
</tbody>
</table>

| STAINLESS PNEUMATIC |
|---|---|
| SSDA | STAINLESS |
| SSSR | STAINLESS |
| SSSRFO | FAIL OPEN |
| SSSRFC | FAIL CLOSED |

## BALL VALVES

- **BRZ-2PC-DM**: BRASS 2 PIECE FULL PORT DIRECT MOUNT
- **BRZ-3PC-FP**: BRASS 2 PIECE FULL PORT HANDLE
- **CS-3PC-MH**: CARBON STEEL 3 PIECE FULL PORT HANDLE
- **SS-3PC-MH**: STAINLESS STEEL 3 PIECE FULL PORT HANDLE
- **CS-HP6000**: CARBON STEEL FULL PORT PRESSURE 6000PSI
- **SS-HP6000**: STAINLESS STEEL FULL PORT PRESSURE 6000PSI
- **SS-FLG150**: STAINLESS STEEL FULL PORT FLANGED 150#
- **SS-FLG300**: STAINLESS STEEL FULL PORT FLANGED 300#
- **SS-3L/T-NPT**: STAINLESS STANDARD PORT 3 WAY L OR T PORT
- **SS-3L/T-FLG150**: STAINLESS 3 WAY FLANGED 150 L OR T PORT

## VALVE SIZE

- **1/4"**: 025
- **3/8"**: 038
- **1/2"**: 050
- **3/4"**: 075
- **1"**: 100
- **1 1/4"**: 125
- **1 1/2"**: 150
- **2"**: 200
- **2 1/2"**: 250
- **3"**: 300
- **4"**: 400
- **6"**: 600
- **8"**: 800

## OPTIONS

- **3 WAY VALVE L PORT = L**
- **3 WAY VALVE T PORT = T**
- **NAMUR SOLENOID VALVE NEMA 4X**
- **CONDUIT CONNECTION 1/2"**
- **PART# 9AAG**
- **VOLTAGE 115 VAC 24 VDC**

## LIMIT SWITCH

- **NEMA 4X = LSN4**
- **NEMA 7 = LSN7**
- **POSITIONERS**
  - **3-15PSI = VP700**
  - **4-20MA = VP900**
### How To Order A Electric Ball Valve Assembly

**ELECTRIC ACTUATORS NEMA 4X**
TO 600 INCH LBS. TORQUE
115VAC = EL600-115VAC
220VAC = EL600-220VAC
24VAC = EL600-24VAC
24VDC = EL600-24VDC
12VDC = EL600-12VDC

**ACTUATOR OPTIONS**
NEMA 4X TO 600 INCH LBS. TORQUE
2AUX = 2 ADDITIONAL AUXILIARY SWITCHES
SR = SPRING RETURN FAIL SAFE CLOSED
MB = MOTOR BRAKE FOR BUTTERFLY VALVES
HT = HEATER AND THERMOSTAT
X7 = NEMA 7 EXPLOSION PROOF
MOD = MODULATING TO 4-20MA OR 0-10V
PF = POSITION FEEDBACK

**** SAME VALVE PART NUMBERS AS PNEUMATIC BALL VALVES

### How To Order A Pneumatic or Electric Butterfly Valve Assembly

**BUTTERFLY VALVES**
**GENERAL SERVICE**
WAFER STYE = WF
LUG STYLE = LC
CAST IRON BODY = CI
DUCTILE IRON = DI
CARBON STEEL = CS
STAINLESS STEEL = SS
PVC = PVC

**HIGH PERFORMANCE TYPE = HP**
TEFLON SEATS = HP-TFE
METAL SEATED = HP-MS
CARBON STEEL = HP-CS
STAINLESS STL = HP-SS
HIGH PERF. 150# = HP-150#
HIGH PERF. 300# = HP-300#
HIGH PERF FIRE SAFE = HP-FS
<table>
<thead>
<tr>
<th>Material</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>C PVC</td>
<td>PVC</td>
</tr>
<tr>
<td>EPDM Seats</td>
<td>EPDM</td>
</tr>
<tr>
<td>BUNA Seats</td>
<td>BUN</td>
</tr>
<tr>
<td>VITON Seats</td>
<td>VIT</td>
</tr>
<tr>
<td>Teflon Seats</td>
<td>TFE</td>
</tr>
<tr>
<td>Nylon Coated Disc</td>
<td>NYD</td>
</tr>
<tr>
<td>Bronze Disc</td>
<td>BZD</td>
</tr>
<tr>
<td>SS Disc</td>
<td>SSD</td>
</tr>
</tbody>
</table>

**Valve Size**

- 200 = 2"
- 250 = 2'/2"
- 300 = 3"
- 400 = 4"
- 500 = 5"
- 600 = 6"
- 800 = 8"
- 1000 = 10"
- 1200 = 12"
- 1400 = 14"