



Actuated Valves Technical Premium Actuated Valve Part Number Selection

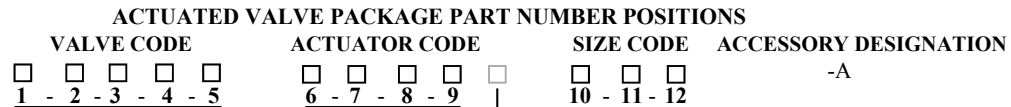
The section is provided for formulation of part numbers on custom actuated valve packages. A 3-step process is used to build custom actuated valve part numbers:

Step 1 - Select the desired type, style, options and material of valve from appropriate Valve Selection Table. Specify nominal valve size from Size Code available.

Step 2 - Select the desired actuator style options from the Actuator Selection Tables

Step 3 - Select desired actuator accessories (if any) from the Accessories Selection Tables.

IMPORTANT: Custom accessories are ordered under a separate part number from the actuated Valve Package. Accessory part numbers are ordered individually and factory assembled with selected Actuated Valve Package. If any accessories are being ordered, add the suffix, "- A " to the end of the Actuated Valve Package part number. This suffix is added only if an Accessory(s) is being selected for add on to the initial Actuated Valve Package.



Optional Control Number
(not used on basic packages)

Step 1: Valve & Size Code Selection

Spears actuated valve selection table include Ball Valves (Selection Table 1) Butterfly Valves (Selection Table 2), Diaphragm Valves (Selection Table 3) and Gate Valves(Selection Table 3A). Use the table information to complete the Valve Code in the package part number.

Table 1: BALL VALVES

(Valve Type - End Connector - O-ring - Special Options - Material - Size Selection)

VALVE CODE	Reserved for Actuator	SIZE CODE
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 - 2 - 3 - 4 - 5	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6 - 7 - 8 - 9	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 10 - 11 - 12

<p>Valve Type</p> <ul style="list-style-type: none"> 0 = Compact Ball P = Compact 2000 1 = True Union Ball 2 = TU 2000 Ind. Ball Z = TU 2000 Std Ball 3 = Utility (Special) S = Single Entry (Special) T = TU 2000 Ind Tandem U = Hor 3 way L Tandem V = Hor 3-way T Tandem W = Ver 3-way T Tandem X = Ver 3-way 2L Tandem Y = Ver 3-way 3L Tandem R = Ver 3-Way T Tandem A = Hor 3-way L-port B = Hor 3-Way T-port C = Ver 3-Way L-port D = Ver 3-Way 2L-port E = Ver 3-Way 3L-port F = Ver 3-Way T-port M = T-Style TU2000 Ind Ball ("Zero Dead-Leg") 	<p>Material</p> <ul style="list-style-type: none"> 1 = PVC 2 = CPVC 3 = PP 4 = LE PVC <p>Special Options</p> <ul style="list-style-type: none"> 0 = None 1 = Lubricant Free (see note 2) 2 = Vented Ball 3 = Low Profile AMB-5 Kit (TU2000 Industrial) 4 = Low Profile AMB-6 Kit (TU2000 Standard & Compact 66) 5 = Low Profile AMB-5 Kit (TU2000 Industrail - Vented Ball) 	<p>Size</p> <ul style="list-style-type: none"> 005 = 1/2" 007 = 3/4" 010 = 1" 012 = 1-1/4" 015 = 1-1/2" 020 = 2" 025 = 2-1/2" 030 = 3" 040 = 4" 060 = 6"
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<p>End Connector (see note 1)</p> <ul style="list-style-type: none"> 1 = Socket 2 = Thread 3 = SR Thread 4 = Flanged 5 = BSP Thread 6 = DIN Plain (socket) 7 = JIS Plain (socket) 8 = Flange CL300 Drilling 9 = Flange PN 16/10 Drilling (to 160mm) A = Cartridge B = Spigot 	<p>O-ring</p> <ul style="list-style-type: none"> 0 = Buna-N. 1 = EPDM 2 = FKM 3 = PTFE Encapsulated EPDM. 4 = Silicone 5 = Viton® ETP 6 = AFLAS® TFE/P(FEPM) 7 = PTFE Encapsulated FKM 8 = Perfluoroelastomer 	<p>Notes:</p> <ul style="list-style-type: none"> 1 - PP valves available in regular True Union style sizes 1/2"-4" only, with threaded or SR threaded end connectors only. 1/2"-2" PVC & CPVC True Union valves ordered as "socket" come with both socket and regular threaded end connectors. 2-1/2"-6" valves come with socket only. 2 - All Ball Valves are assembled with non-silicone lubricant. 3 - Tandem (Diverting) part number includes two valves operated from one actuator with one opening while the other closes.
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