



**JV240020**  
**Stainless Steel**  
**Pneumatic Operated**  
**3-Piece Ball Valve**  
**c/w VT Pneumatic Actuator**  
**BSPT Threaded**  
(NPT, Socket & Butt Weld on request)



The JV240020 stainless steel bodied full bore ball valve is suitable for various applications. This valves have a three-piece design for fast and low cost maintenance.

This valve is supplied completely assembled with either a single (spring return) or double acting pneumatic actuator.

All valve and actuator packages are tested and issued with certification confirming the actuators functionality before despatch.

**Approvals, Features & Benefits**

- 3-piece design ball valve
- Full bore minimizes pressure loss
- Suitable for a wide range of duties
- Complete assembled package
- Air connection to Namur/VDE 3845 on actuator
- Double or single (spring return) acting actuator

**Pressure & Temperature\***

- 1/4" - 1"  
82 bar @ 35°C  
8 bar @ 200°C
- 1 1/4" - 1 1/2"  
69 bar @ 30°C  
8 bar @ 200°C
- 2" - 4"  
62 bar @ 25°C  
8 bar @ 200°C

BSPT	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
<b>A</b>	50	60	75	80	90	110	120	140	185	205	240
<b>B</b>	11	12.5	15	20	25	32	40	50	65	80	100
<b>C* (s)</b>	122.5	122.5	132	160	168	184	189.5	211	256	303.5	320.5
<b>C* (d)</b>	122.5	122.5	132	140	148	174	179.5	188	233	255.5	268.5
<b>D (s)</b>	154	154	154	189	189	210	210	229	266	337	377
<b>D (d)</b>	154	154	154	154	154	189	189	189	229	264	266
<b>Weight Kg (s)</b>	1.86	1.88	2.51	2.89	1.53	5.54	8.3	10.6	18.1	25.7	40.8
<b>Weight Kg (d)</b>	1.57	1.59	1.61	1.99	2.37	3.84	4.8	6.1	12.4	17	26.6

(s) Single acting - Spring return (d) Double acting

ACTUATOR SPECIFICATIONS	
<b>Air Pressure</b>	2.5 to 8 bar (Based on 5.5 bar air supply as standard)
<b>Ambient Temp</b>	-15 to 80°C (Low and high temp versions also available)
<b>Cycle Life</b>	1,000,000 Operations
<b>Indicator</b>	Multifunctional position indicator for visual inspection
<b>Travel Stops</b>	External adjustable ± 5% in both open & closed position
<b>Body</b>	Aluminium alloy
<b>Springs</b>	Stainless Steel
<b>Piston Seals</b>	Nitrile
<b>Piston</b>	Aluminium alloy
<b>End Caps</b>	Aluminium alloy

ACTUATOR OPTIONS	
<b>APL</b>	Valve Position Monitor (Limit Switchboxes)
<b>551 Series</b>	NUMAR Solenoid Spool Valves
<b>HGO</b>	Declutch Manual Override

BALL VALVE MATERIALS	
<b>Body</b>	Stainless Steel (CFM8)
<b>Ball</b>	Stainless Steel (316)
<b>Stem</b>	Stainless Steel (316)
<b>Seats</b>	R-PTFE (15%)

\*Special actuator mounting kit required for temperatures above 80°C, contact sales for details and overall height dimensions