



JV240019
Nickel Plated Brass
Pneumatic Operated
Ball Valve
c/w VT Pneumatic Actuator
BSPP Threaded



The JV240019 brass bodied full bore ball valves are suited for a many applications offering reliability at an economical cost.

These valves are supplied completely assembled with either single (spring return) or double acting pneumatic actuators.

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

Approvals, Features & Benefits

- 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
- 1,000,000 Operation life cycle

Pressure & Temperature

Pressure range:-

¼"-1" PN40 rated

1¼" PN32 rated

1½"-2" PN30 rated

Temperature range*:-

-20°C to 120°C

BSPP	¼	⅜	½	¾	1	1¼	1½	2	2½	3
A	64	64	64	76	88	96	103	121	165	188
B	11.5	15	15	20	25	32	38	45	62	76
C* (s)	119	119	119	122	126	150	177	184	210	220
C* (d)	119	119	119	122	126	131	147	154	200	210
D (s)	154	154	154	154	154	189	210	210	210	210
D (d)	154	154	154	154	154	154	154	154	189	189
Weight Kg (s)	1.8	1.8	1.6	1.9	2.1	3	3.8	4.6	7.4	9
Weight Kg (d)	1.5	1.5	1.3	1.6	1.8	2.1	2.3	3.2	5.7	7.3

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

ACTUATOR SPECIFICATIONS

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

ACTUATOR OPTIONS

APL	Valve Position Monitor (Limit Switchboxes)
551 Series	NUMAR Solenoid Spool Valves
HGO	Declutch Manual Override

BALL VALVE MATERIALS

Body	Brass - Nickel Plated
Ball	Brass - Chrome Plated
Seats	PTFE
Stem	Brass - Nickel Plated

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