



JV240007
Nickel Plated Brass
Electric Operated
Ball Valve
c/w JV-E Electric Actuator
BSPB Threaded



The JV240007 is a WRAS approved brass bodied full bore ball valve suitable for a many applications offering reliability at an economical cost.

This valve is supplied completely assembled with a JV-E electric actuator which is small, lightweight and compact in design but still offering high output torques.

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

Approvals, Features & Benefits

- WRAS approved valve (160 Range)
- Full bore minimizes pressure drop
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Lightweight & compact
- Visual position indicator on actuator

Pressure & Temperature

Pressure range:-

1/4"-1" PN40 rated

1 1/4" PN32 rated

1 1/2"-2 1/2" PN30 rated

3" PN25 rated

Temperature range*:-

-20°C to 120°C

BSPB	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	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*	154	154	154	157	161	166	182	189	215	225
D	124	124	124	124	124	124	124	124	124	124
Operation Time 90° 50/60hz Sec.	13	13	13	13	13	13	13	13	13	13
Actuator Type	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05
Torque (Nm)*	3	3	3	4	5	10	15	15	20	20
Kv	5.4	6.0	16.2	29.4	43.0	89.0	230.0	264.0	538.0	870.0
Weight Kg	1.63	1.61	1.58	1.71	2	2.25	2.46	3.55	5.15	6.8

ACTUATOR SPECIFICATIONS

Enclosure	IP68 Watertight (IP68 5m 120hr)	Travel Angle	90° ± 5°
Power Supply	110V & 250V AC 50/60Hz / 24V AC 50/60Hz / 24VDC / 380V & 440V 3PH	Casing Material	Aluminium Alloy, Dry Power Polyester Coated
Indicator	Dome Type Mechanical	Terminal Block	Push Button
Limit Switches	2 x Open / 2 x Close, SPDT, 250V AC	Ambient Temperature	-20 to 60°C
Space Heater	110/220V AC Anti-condensation	Mechanism	Spur Gear Type

ACTUATOR OPTIONS

SM	Super Modulating Unit Input / Output 4-20mA, 0-1V, 2-10V, 0-5V & 1-5V all in one unit (Available for 24VDC, 110VAC & 220VAC)
MC	Modulating Control Unit Input / Output 4-20mA (Only available for 110 & 220VAC)

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 70°C, contact sales for details and overall height dimensions