



**JV241002**  
**Nickel Plated Brass**  
**Electric Operated Spring Return**  
**Ball Valve**  
**c/w SRFA-R Electric Actuator**  
**BSPB Threaded**



The JV241002 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 SRFA-R spring return electric actuator which is ideal for a process that requires fail safe operation.

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
- Voltage 24-240VAC / 24-125VDC
- 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" PN30 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
<b>A</b>	64	64	64	76	88	96	103	121
<b>B</b>	11.5	15	15	20	25	32	38	45
<b>C</b>	17	17	17	19	21	22	22	25
<b>D</b>	29	29	29	32	36	41	57	64
<b>E</b>	101	101	101	101	101	101	101	101
<b>F</b>	40	40	40	40	40	40	40	40
<b>G</b>	182	182	182	182	182	182	182	182
<b>H</b>	103	103	103	103	103	103	103	103
<b>Operation Time 90° 50/60hz Sec.</b>	75	75	75	75	75	75	75	75
<b>Actuator Type</b>	SRFA-R	SRFA-R	SRFA-R	SRFA-R	SRFA-R	SRFA-R	SRFA-R	SRFA-R
<b>Torque (Nm)*</b>	3	3	3	4	5	10	15	15
<b>Kv</b>	5.4	6.0	16.2	29.4	43.0	89.0	230.0	264.0
<b>Weight Kg</b>	2.7	2.7	2.7	2.8	3	3.3	3.5	4.4

ACTUATOR SPECIFICATIONS	
<b>Enclosure</b>	IP54
<b>Power Supply</b>	Multi-Voltage 24-240VAC / 24-125V DC
<b>Indicator</b>	Mechanical
<b>Limit Switches</b>	Available at extra cost
<b>Voltage Frequency</b>	50/60 Hz
<b>Travel Angle</b>	90°
<b>Casing Material</b>	Aluminium Alloy / Plastic
<b>Connection supply</b>	Cable 1m, 2 x 0.75mm <sup>2</sup>
<b>Ambient Temperature</b>	-40 to 80°C
<b>Power consumption</b>	Operational 7 W / Rest 3 W

ACTUATOR OPTIONS	
<b>Limit Switches</b>	2 x SPDT, 1 x 10% / 1 x 11...90%

BALL VALVE MATERIALS	
<b>Body</b>	Brass - Nickel Plated
<b>Ball</b>	Brass - Chrome Plated
<b>Seats</b>	PTFE
<b>Stem</b>	Brass - Nickel Plated

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