A high performance stainless steel bodied full bore ball valve suitable for various heavy duty applications and is of a fire safe design.

This valve is supplied completely assembled with a JV-E electric actuator which are 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.

**Pressure & Temperature**

- **Pressure range:**
  - ½” - 1” - PN138 rated
  - 1¼” - 2” - PN103 rated
  - 2½” - 3” - PN63 rated

- **Temperature range:**
  - -20ºC to 220ºC

**Approvals, Features & Benefits**

- Fire Safe design
- Certified to API 607 4th Edition
- Anti-Static device
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Lightweight & compact
- Visual position indicator on actuator

**Pressure & Temperature**

Pressure range:
- ½” - 1” - PN138 rated
- 1¼” - 2” - PN103 rated
- 2½” - 3” - PN63 rated

Temperature range:
- -20ºC to 220ºC

**ACTUATOR SPECIFICATIONS**

- **Enclosure**: IP68 Watertight (IP68 5m 120hr)
- **Travel Angle**: 90º ± 5º
- **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 60ºC
- **Space Heater**: 110/220V AC Anti-condensation
- **Mechanism**: Scotch-Yoke (JV-E05 - 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 VALVES MATERIALS**

- **Body**: Stainless Steel (CFM8)
- **Ball**: Stainless Steel (CFM8)
- **O-ring**: Viton
- **Seats**: CTFE
- **Stem**: Stainless Steel (CFM8)

*Special actuator mounting kit required for temperatures above 70ºC, contact sales for details and overall height dimensions*