



**VS Series on Type 21
Ball Valve**



**VS Series on Type 57
Butterfly Valve**

SAMPLE SPECIFICATION

1. All electric actuators shall be Chemline V Series or equal, CSA Approved 1/4 turn reversible rotary actuator with embedded thermal overload protection switch.
2. All electric actuators shall have a 2-piece NEMA 4X die cast aluminum base with thermally bonded epoxy powder coating, Polyamide 6 cover and stainless steel fasteners.
3. All electric actuators shall have the option of a 2-piece NEMA 4X die cast aluminum base and cover with thermally bonded epoxy powder coating for IP68 (5 meters for 72 hours) requirement.
4. All electric actuators shall have PC board control with built-in on-board 4-watt heater/thermostat.
5. All electric actuators shall consist of a reversible type electric motor with irreversible epicyclic gears to eliminate gear backlash or valve drift or standard gears.
6. All electric actuators shall have a permanently-attached manual override and visual position indicator.
7. All electric actuators shall have a visual mechanical indication, showing output shaft and valve position.
8. All electric actuators shall be minimum 50% duty cycle for high cycling applications.
9. All electric actuators shall have voltage options of 120, 220, 12 & 24 VAC and 12/24 VDC.
10. All electric actuators shall have two fully adjustable, cam-actuated, end-of-travel limit switches of the snap-acting, double-throw type rated to 250 VAC and listed to carry a power load equal to or greater than the locked rotor current of the actuator.
11. All electric actuators shall have torque outputs from 1,327 to 2,655 in-lbs.
12. All electric actuators shall have a permanently lubricated gear train.
13. All electric actuators shall have an ISO mounting bolt circle.
14. All electric actuators shall be available with terminal-wired internal options such as extra limit switches, adjustable 3-position control, 4-20 mA positioners and/or output signal, battery backup or mechanical spring failsafe, feedback potentiometer, cycle length control, 2-wire control, mechanical brake capability.
15. All electric actuators shall be custom tagged with manufacturers' inspection number(s) to provide traceability.