

Accessories/Actuators

ELECTRIC ACTUATORS

All butterfly valves can be furnished with factory-mounted electric actuators, or the actuators and linkage kits may be furnished for field mounting.

Standard actuator features include:

- Several Basic Models of Electric Actuation are available in torques ranging from 45 to 250,000 in-lbs.
- Permanent lubrication-no maintenance program required.
- Can be mounted at any angle.
- Precision cut, hardened steel gears.
- Reversible and non-reversible motors.
- Standard electrical voltage 115/1/60, other voltages available.
- Manual override in the event of power failure.
- Literature, data sheets, wiring diagrams and sizing charts are available upon request.

INFORMATION REQUIRED WITH ORDER OR INQUIRY:

1. Valve size and figure number.
2. Service conditions—media, temperature, and maximum differential pressure.
3. Required closing or opening time.
4. Duty cycle—continuous or intermittent duty.
5. Electrical supply—AC or DC, phase and cycles if AC voltage.
6. Type of motor—weatherproof, dust-tight, or explosion-proof.
7. Accessories—switches, potentiometers, or other special requirements such as a control station. Please include the number, type and electrical ratings you require.
8. Cycling requirement—on/off or modulating.



PNEUMATIC ACTUATORS

All butterfly valves can be furnished with pneumatic actuators fully mounted and tested at the factory, or actuators and linkage kits may be furnished for field mounting.

- Both direct mount and bracketed rack-and-pinion designs are readily available. In either case, both double acting and spring return models can be furnished.
- Please refer to the specific actuator bulletin for details on the materials of construction of the required actuator.
- Range of torque output is from 70 to 100,000 inch-pounds.
- Accessories such as solenoid valves, limit switches, positioners and manual override can also be furnished.
- Literature, data sheets and valve sizing charts are available upon request.

INFORMATION REQUIRED WITH ORDER OR INQUIRY:

1. Valve size and figure number.
2. Service conditions—media, temperature, and maximum differential pressure.
3. Cycling requirements—on/off or modulating.
4. Air pressure available to operate actuator.
5. Need for solenoid valves, NEMA requirements, and optional speed controls.
6. Need for limit switches, NEMA requirements.
7. Accessories—switches, potentiometers, or other special requirements, such as a control station. Please include the number, type and electrical ratings you require.

