

## Chemtrol® Ball Valve Actuation

### FEATURES

Control Chemtrol® ball valves with a selection of NIBCO® pneumatic or electric actuators

- Double-acting and spring return pneumatic actuators
- NEMA 4 electric actuators with heater and thermostat
- Modulating control: 3-15 psi and 4-20 mA
- Easy-to-assemble mounting hardware

### APPLICATIONS

- Plant automation
- Water and waste water treatment
- OEM's
- Chemical processing
- Pharmaceuticals
- Pulp & paper
- Metal finishing/plating



**Chemtrol® Ball Valve Actuators**  
**PVC, CPVC, PP, and PVDF**  
1/2" -4"

Size	Pneumatic Spring Return			Pneumatic Double Acting			115 VAC Electric, NEMA 4 <sup>1</sup>		
	ISO	Mount <sup>2</sup>	Actuator	ISO	Mount <sup>2</sup>	Actuator	ISO	Mount	Actuator
1/2"	F03	T117002	NSR2	F03	T117002	NDA2	F04	T116998	NE300-4-4
3/4"	F04	T117009	NSR4	F03	T117003	NDA2	F04	T117009	NE300-4-4
1"	F04	T117010	NSR4	F03	T117004	NDA2	F04	T117010	NE300-4-4
1 1/4"	F04	T117011	NSR4	F03	T117005	NDA2	F04	T117011	NE300-4-4
1 1/2"	F04	T117011	NSR4	F03	T117005	NDA2	F04	T117011	NE300-4-4
2"	F05	T117012 / T117584	NSR8-5	F04	T117006	NDA4	F04	T117006	NE300-10-4
3" <sup>3</sup>	F07	T117013 / T117586	NSR20-7	F05	T117007 / T117584	NDA8-5	F07	T117013	NE500-10
4" <sup>3</sup>	F07	T117014 / T117586	NSR20-7	F05	T117008 / T117584	NDA8-5	F07	T117013	NE500-10

<sup>1</sup> Electric actuators specified with NEMA 7 enclosures are available. Electric actuators with DC power or 220 VAC power are available. For additional options, contact NIBCO Technical Services at 888.446.4226.

<sup>2</sup> Two separate materials are only required for NIBCO actuators used with 2" and above valves where the NIBCO actuator is not designed to the ISO dimensional standard.

<sup>3</sup> 3" and 4" actuation is not available for polypropylene or PVDF valves.

For more actuator dimensions and details, see the NIBCO Pneumatic Actuation catalog and various Electric Actuator product sheets by visiting [www.nibco.com/literature](http://www.nibco.com/literature).