

Features

- Lead Free
- Direct mount ISO5211 Full Port 316 stainless steel ball valve
- Visual valve position indicator
- Rugged aluminum Type 4X weatherproof enclosure
- Heavy duty motor with overload protection
- Manual override with end of travel mechanical stops
- Two auxiliary limit switches included
- Triple RTFE/Viton live loaded stem seals, adjustable
- Actuator ETL listed per UL429 and CSA C22.2

Valve Operation

Electric actuated valve uses power-to-open and power-to-close. On receipt of a continuous voltage signal, the motor runs and via a rugged all metal gear system rotates the ball 90°. The motor is automatically stopped by internal cams striking limit switches. On receipt of a reversing continuous signal, the motor turns in the opposite direction reversing the valve position.

Construction

Valve Body	316 stainless steel ASTM A3511 CF8M
Ball / Stem	316 stainless steel
Ball Seats	RTFE (reinforced Teflon)
Stem Seals	RTFE / FKM (Viton)
Gear Drive	Heavy duty alloy steel and aluminum bronze
Actuator Enclosure	Aluminum, polyester powder coated, Type 4X
Aux Limited Switches	2 x SPDT 3A@125/250VAC, 30VDC resistive load



NEW

Approvals

Actuators

- Intertek ETL Listed to:
 - UL429
 - CSA C22.2 No. 139
 - UL50E Type 4X enclosure
- CE mark, conforming to:
 - 2006/42/EC Machinery Directive
 - 2006/95/EC Low Voltage Directive
 - 2004/108/EC EMC Compatibility
 - RoHS2 and WEEE Compliance
 - ISO5211 mounting
 - IP65 weatherproof enclosure

Valves

- Pressure tested to API-598
- CE per PED 97/23/EC



Pricing and Part Numbers

EFFECTIVE: September 1, 2016

Part Number	Size	Description	List Price
920540-00	1/2" NPT	Lead Free Ball Valve including Actuator	\$1,862.00
920541-00	3/4" NPT	Lead Free Ball Valve including Actuator	\$1,882.00
920542-00	1" NPT	Lead Free Ball Valve including Actuator	\$1,948.00
920543-00	1 1/4" NPT	Lead Free Ball Valve including Actuator	\$2,086.00
920544-00	1 1/2" NPT	Lead Free Ball Valve including Actuator	\$2,204.00
920545-00	2" NPT	Lead Free Ball Valve including Actuator	\$2,388.00

NOTE: All Actuators are 120 VAC and power may be supplied from the same source supplying the ETV PLUS control module

Flow Rates and Pressure Drops

Pressure Drop	Description					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Cv / 1 psi	15	35	60	90	125	240
2 psi	21	50	85	127	177	339
3 psi	26	61	104	156	217	416
4 psi	30	70	120	180	250	480
5 psi	34	78	134	201	280	537

Flow Rate - GPM