



Chlorine Ball Valve Electronically Actuated

Hydro Instruments chlorine ball valves meet Chlorine Institute Inc. (Pamphlet 6) specifications for dry chlorine gas or dry chlorine liquid service.

The electric actuator is a geared motor that provides rotary output to close the chlorine ball valve. Motion is achieved through the application of a 115VAC or 230VAC supply voltage. Rotary action is controlled through two limit switches (one for “open” and one for “closed”) located in the unit. Precise setting of either position is achieved by adjusting the cam to activate the switch at exactly the desired point in the rotary cycle.

Power	115VAC	230VAC
Rated Current	0.9 A	0.5 A
Output Torque	17-68 Nm, 12-50 ft/lbs.	
Duty Cycle	25%	
Operating Speed	7 sec.	
Operation	Reversing	
Mounting Direction	All directions	
Enclosure	NEMA 4X	
Housing Material	Diecast Zinc alloy & PVC	
Temperature Range	0-66°C / 32-150°F	
Weight	6 lbs.	



Ordering Information

Part Number	Material	Connection	Power
CBJE-120-M-3/4NPT	Carbon Steel Body and Ends, Monel Ball and Stem, NEMA 4X enclosure.	3/4" NPT	115VAC 50/60Hz
CBJE-120-M-1NPT	Carbon Steel Body and Ends, Monel Ball and Stem, NEMA 4X enclosure.	1" NPT	115VAC 50/60Hz
CBJE-240-M-3/4NPT	Carbon Steel Body and Ends, Monel Ball and Stem, NEMA 4X enclosure.	3/4" NPT	230VAC 50/60Hz
CBJE-240-M-1NPT	Carbon Steel Body and Ends, Monel Ball and Stem, NEMA 4X enclosure.	1" NPT	230VAC 50/60Hz

