



JOB NAME:	CONTRACTOR:
JOB LOCATION:	APPROVAL:
ENGINEER:	CONTRACTOR P.O.:
APPROVAL:	REPRESENTATIVE:

M8E3210-00*

**3210L DIRECT MOUNT, 3-WAY BRASS DIVERTER "L" PORT
BALL VALVE W/ METAL THREE-POSITION ELECTRIC ACTUATOR**

SIZES 1/2" TO 1"

*061 12V AC/DC W THREE POS.	*062 24V AC/DC W THREE POS.	*063 100-240VAC W THREE POS.
*082 24V AC/DC W THREE POS. & BATT. BACKUP	*083 100-240VAC W THREE POS. & BATT. BACKUP	

SPECIFICATIONS

The 8E3210 electric actuated brass package features the RB 3210L L-ported nickel-plated forged brass body designed to accept flow through a bottom inlet port and redirect it out to one of the other outlet ports. The 3210L is made with BSP threads and is compatible with male NPT threads.

The electric positioning actuator is made from die cast aluminum, with a powder coated epoxy, and a NEMA 4 rating. The actuator also features dual motors, two extra limit switches, dome position indicator, manual override, heater/thermostat, a torque limiter, and a 75% duty cycle motor.

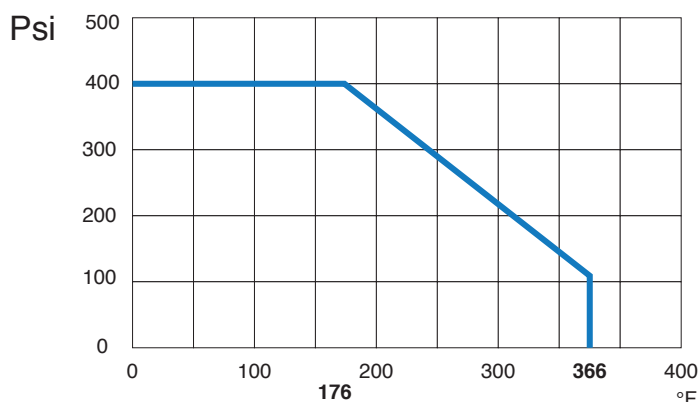
ACTUATOR FEATURES

- Three-position Electric Actuator
- Dual Voltages
- CSA, UL approved
- 24V AC/DC and 100-240V AC Models Available
- ISO 5211, F03/F05 base with 11mm female drive
- 75% Duty Cycle
- Anti-condensation heater, (when red wire is connected to power)
- High-Strength, Die Cast Aluminum Powder Coated Housing
- Temperature Range -4°F to 131°F
- NEMA 4 Housing
- Two Auxiliary Switches Standard
- Torque limiter standard

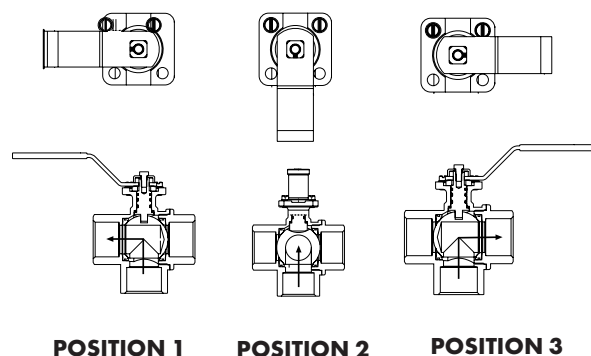
VALVE FEATURES

- Brass, BSP threads
- Full Port, Sizes 1/2" to 1"
- ISO 5211 pad and square stem
- Pressure rating to 400 WOG
- Temperature range -4°F to 366°F
- P.T.F.E. seats and seals
- One (1) Viton stem seal and one (1) EPDM stem seal
- Blow-out proof stem, chrome plated brass ball
- 100% electronically tested in the open and closed position @ 80 Psi

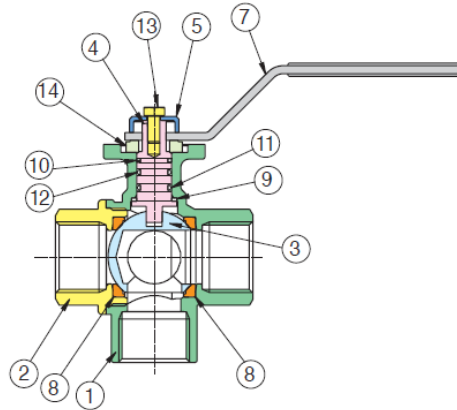
PRESSURE - TEMPERATURE CHART FOR SERIES 3210L



FLOW PATH



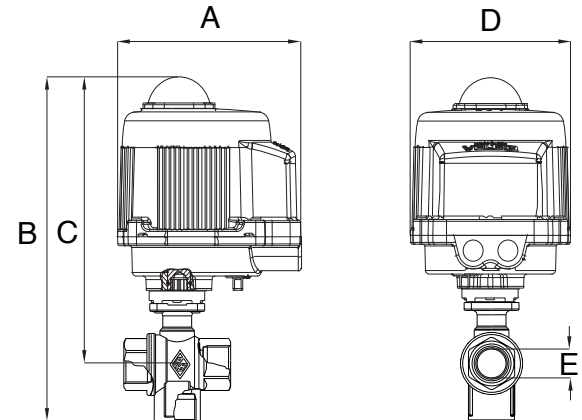
BILL OF MATERIALS FOR 3210L



N POS	PART NAME	MATERIAL	N PCS
1	BODY	BRASS CW617N UNI EN 12165	1
2	END CONNECTION	BRASS CW617N UNI EN 12165	1
3	BALL	BRASS CW617N UNI EN 12165	1
4	STEM	BRASS CW614N UNI EN 12164	1
5	GLAND	BRASS CW614N UNI EN 12164	1
6	PIN	BRASS CW614N UNI EN 12164	2
7	HANDLE	STEEL DD11 UNI EN 10111	1
8	BALL SEAT	P.T.F.E.	2
9	ANTIFRICTION SEAT	P.T.F.E.	1
10	ANTIFRICTION SEAT	P.T.F.E.	1
11	O-RING	FKM	2
12	O-RING	EPDM	2
13	SCREW	STEEL	1
14	WASHER	PA6	1

DIMENSIONS

Size	A	B	C	D	E	ACT.
1/2"	7.36	10.37	9.05	6.34	0.50	VB030M
3/4"	7.36	11.03	9.48	6.34	0.75	VB030M
1"	7.36	11.45	9.60	6.34	1.00	VB030M



THREE-POSITION WIRING DIAGRAM - VB030M

12V AC/DC, 24V AC/DC & 100-240VAC

