

"Moto G" Valves

MOTORIZED BALL VALVES

Specification WRTNMGV

Written: January 2016



1.0 DESCRIPTION

1.1 "MGV" MOTO-G VALVES: GTP Motorized Ball Valves shall be of fail safe (normally closed), compact design, 2 wire motorized ball valves with a low consumption power supply. Complete with 3ft power cord, valve, motor/enclosure and mounting hardware.

2.0 MATERIALS

2.1 MOTOR/ENCLOSURE: Motor shall be fail safe design and have valve position indicator. Enclosure shall be IP67 (NEMA 4) and be compact design to save space. 1/2" to 1" valve 5-7 second cycle and needs to be power for minimum of 30 seconds to close. 1 1/2" and 2" valves have 11-14 second cycle and need to be powered for a minimum of 60 seconds to close. All valves have a 70,000 to 100,000 cycles, 5 watt, 120VAC / 1 phase / 50-60 Hertz

230VAC / 1 phase / 50-60 hertz

2.2 VALVE: Shall be reduced or full port valves with floating seals to maximize valve life.

Valve Sizes:

"05" 1/2" FNPT

"07" 3/4" FNPT

"10" 1" FNPT

"15" 1 1/2" FNPT

"20" 2" FNPT

Valve materials:

"B" Brass, Chrome Plated

"S" Stainless Steel

"P" PVC True Union

2.4 PRESSURE AND TEMPERATURE LIMITATIONS: Brass & Stainless Steel rated 200PSI Max Pressure and 85°F Max Temperature, PVC rated 100PSI Max Pressure and 85°F Max Temperature.

2.5 OPTIONAL FEATURES: Select from the following.

Code "PTC" Power to close "MGV" valve

Code "X" Power to close positioning valve

Code "HT" High temp bracket for "X" series valves (Max temp 266F)

Code "WP" Weatherproof Junction Box and 8FT Power Cord

Code "WP (NO CORD)" Weatherproof Junction Box and No Power Cord

3.0 WARRANTY

General Treatment Products Moto-G Valves are guaranteed for one year from date of shipment against manufacturing defects in material and workmanship which develop in the service for which they are designed. We will repair or replace a defective part of this system when returned to our factory with freight prepaid; providing that the part is found to be defective upon inspection. We assume no liability for labor and/or other expenses in making repairs or adjustments.

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