

MOTORIZED VALVE

12VDC NON-SMART MOTORIZED VALVE
DN SERIES



INTRODUCTION:

The Motorized Water Valve is an electric 12VDC motorized ball valve, for use with our original Valve Controller or the X3 Valve Controller. The Motorized Valve has a manual operation knob and is available with a brass or stainless steel body. The Motorized Valve is suitable for outdoor use (refer to environmental specs).

FEATURES & BENEFITS:

- Industrial quality replaceable motor
- Can be manually operated
- Zero bore reduction
- Does not require constant power to hold open or close
- Becomes a smart device available for automatic water shut-off, when combined with a YoLink smart valve controller



SPECIFICATIONS:

Housing IP Rating: IP67
Voltage: 12 Volts DC
Thread: NPT Female
Valve Body Material: Brass, or Stainless Steel (S Suffix)
Open/Closed Time: Less Than 5 Sec
Max. Torque Force For Actuator: 2 N.M
Cables Length: Approximately 1.5' (0.5 Meter)
Max Working Pressure: 145 PSI (1.0MPA)
Working Current: Max 500 Ma When Operating Only
Environmental:
Liquid Temp. Range: 35.6° to 194°F (2° to 90°C)
Environment Temp. Range: -5 to 122F (-15° to 50°C)

MODELS:

1/2 Inch: DN15 (Brass) / DN15S (Stainless)
3/4 Inch: DN20 (Brass) / DN20S (Stainless)
1 Inch: DN25 (Brass) / DN25S (Stainless)
1-1/2 Inch: DN40 (Brass) / DN40S (Stainless)
2 Inch: DN50 (Brass) / DN50S (Stainless)

REQUIRED PRODUCTS:

Valve Controller 1 YS4909 or
Valve Controller 2 YS5003(S) or
X3 Valve Controller YS5001(S)

SUGGESTED PRODUCTS:

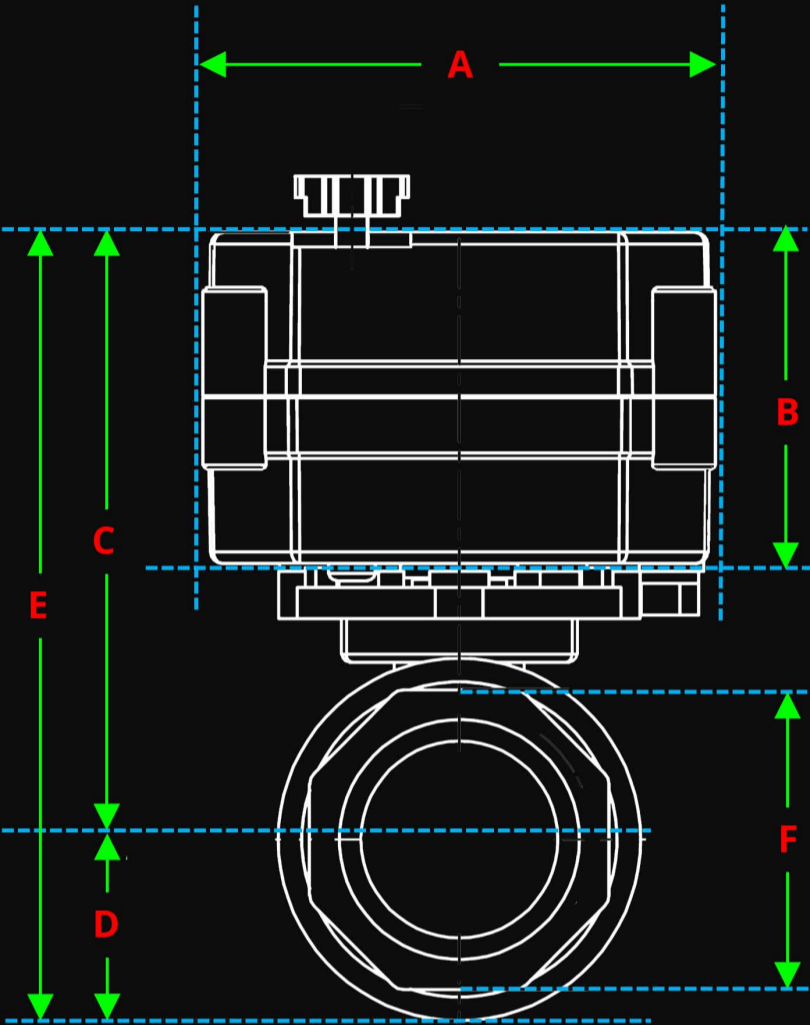
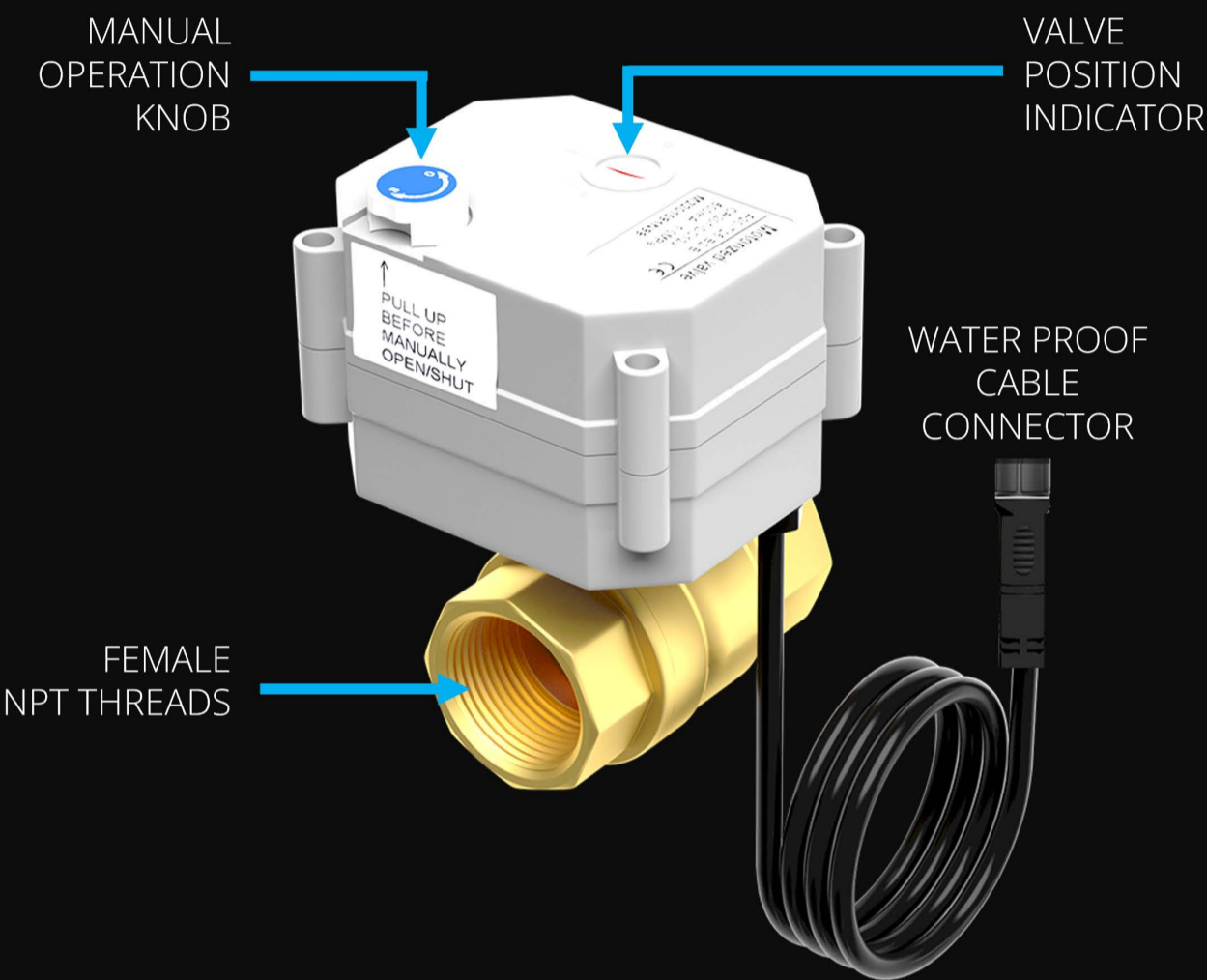
SharkBite brand NPT male adapter fittings

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PHYSICAL FEATURES & DIMENSIONS:



ASPECT	1/2 INCH	3/4 INCH	1 INCH	1-1/4 INCH	2 INCH
A	2.13" (54 mm)	2.13" (54 mm)	2.13" (54 mm)	2.13" (54 mm)	2.98" (75.7 mm)
B	1.65" (42 mm)	1.65" (42 mm)	1.65" (42 mm)	1.65" (42 mm)	3.1" (80.4 mm)
C	2.8" (71 mm)	2.91" (74 mm)	2.99" (76 mm)	3.07 (78 mm)	4.8" (122 mm)
D	.63" (16 mm)	.74" (19 mm)	.86" (22 mm)	.98" (25 mm)	1.22" (31 mm)
E	3.43" (87 mm)	3.66" (93 mm)	3.86 (98 mm)	4.06" (103 mm)	6.02" (153 mm)
F	.98" (25 mm)	1.22" (31 mm)	1.5" (38 mm)	1.81" (46 mm)	2.4" (60 mm)