



Flow Control Division

MFC-Z Normally Closed Motor Valve Specifications



Overall Width	10 ½" OAL when Upright with Drain valve down.
Total Height	15" when Upright.
Total Weight	38 lbs.
Calibration	Calibration Not required as seat is fixed.
Trim Sizes	Trim is available in ½"; 5/8"; 5/8" =%; ¾"; 1"; 1 ¼".
Pressure status	30-50 PSI; Pressure is used to OPEN Valve. Fails closed @ no pressure.
Working Pressure	From zero to 2000 PSI. 3000 PSI and 5000 PSI are special order.
Working Temp.	-40°F to 150°F (Temperatures above or below this require special package)
Attachment	Threaded 2" NPT body connects to flow line w/ Flow direction indicated.
Material	Ductile steel alloy body, steel diaphragm housing and nylon w/neoprene coated diaphragm. Stainless Steel/D2 trim with 1 piece cage and seat and O'ring seal. Two ¼" NPT side ports Inlet and Outlet, at top of base with steel plugs. Flow direction is cast into the valve body. ** Specify if H2S is present in well. . Stainless steel internal components will be required and Heat-treated forged steel base is used. **Special treating per NACE standards required for corrosion.
Mounting	Assembly mounts directly to the flow line of the well with 2" NPT female threads. (Flanged connections available at extra cost.)
Color	Exterior of valve is Red (Yellow if H2S). All top diaphragm flange bolts are threaded and plated. Bolts are 3/8" x 1" standard thread & there are 12 bolts in the flange pattern.
Available Options	H2S Assemblies are also available. Flanged bodies also available.
Access	The input pressure port is connected to the controller and to the bottom of the diaphragm of the motor valve. Pressure lifts the stem off of the seat.
Warranty (Limited)	One (1) year on Parts and Workmanship.
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