

BRONZE CLOSE COUPLED CENTRIFUGAL PUMP

CENTRIFUGAL PUMPS SERIES 101M

PERFORMANCE

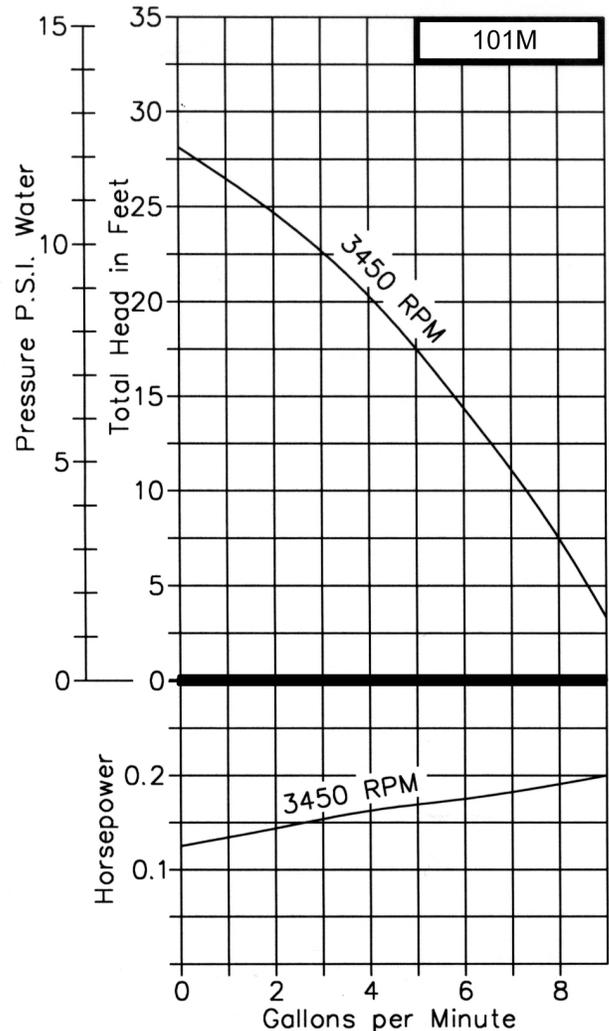


FEATURES

- All Bronze or Corrosion Resistant Aluminum Construction
- Easily Mounted in Field to Your Own 56 Frame
- Motor & 56C For Explosion-Proof Motors
- Carbon Face Mechanical Seal
- Quiet Running
- Can Handle Contaminated Liquids
- Nitrile Stator and Stainless Steel Rotor

LIQUIDS AND TEMPERATURE

The corrosion resistant alloys used are compatible with common liquids including water, water solutions, oils and many commercial chemicals. Severe solvents are not compatible with the Nitrile and should not be pumped.



SUCTION LIFT

These centrifugal pumps are not self-priming. They must be installed below the liquid level so that the liquid flows to the pump by gravity (flooded suction). However, if a foot valve is used at the beginning of the suction line, and all air is bled from the pump by manual priming, the pump will lift on the suction side up to 15 feet. Such a system relies entirely on the non-leaking foot valve for starting capability.

Pump No.	1	2	3 ¹	4 ¹	5 ¹	6	7	8	9	10	11 ¹	12	13 ^{1*}	Repair Kit
	Screw	Cover	Gasket	Impeller	Seal Assy.	Plug	Body	Screw	Screw	Adapter	Lip Seal	Motor	Set Screw	
	6 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	4 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	
101M	5385	6483	6502	6589	32155	5395	6475	5595	5411	6699	6683	---	---	10719 (Single Phase)
101MP	5385	6483	6502	7718	32155	5395	6475	5595	5411	6699	6683	---	9849	11063 (Three Phase)

¹ Repair Kit contains items 3, 4, 5, 11 & 13.

* Not shown - impeller set screw for three phase motors only.

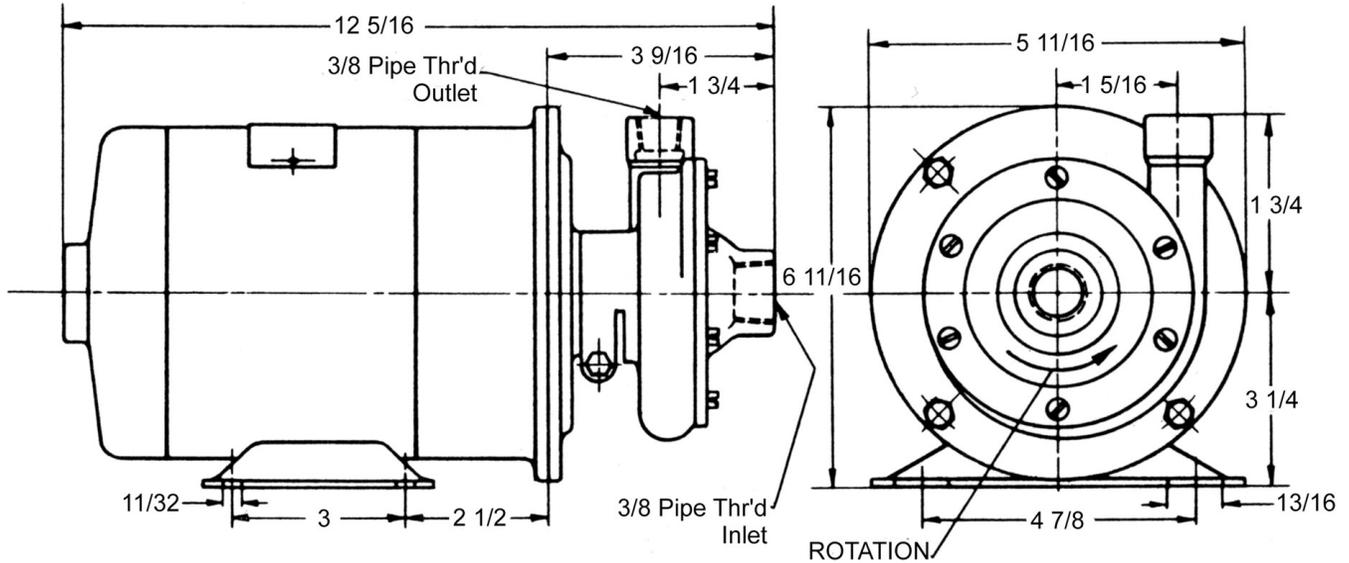
101M-J20	5385	6483	6502	6589	32155	6052	6475	5595	5411	6699	6683	7976	---	10719
101M-F13	5385	6483	6502	6589	32155	6052	6475	5595	5411	6699	6683	5859	---	10719
101M-01F26	5385	6483	6502	6589	32155	5395	6475	5595	5411	6699	6683	32273	---	10719
101MP-F57	5385	6483	6502	7718	32155	6052	6475	5595	5411	6699	6683	6996	9849	11063
101MPS-11	5385	6483	6590	7718	32211	6052	6588	5595	5411	6699	6683	---	9849	12170
101MS-10	5385	6483	6502	6589	32210	6052	6475	5595	5411	6699	6683	---	---	12171

Pump No.	1	2	3 ¹	4 ¹	5 ¹	6	7	8	9	10	11 ¹	12	13 ^{1*}	Repair Kit
	Screw	Cover	Gasket	Impeller	Seal Assy.	Plug	Body	Screw	Screw	Adapter	Lip Seal	Motor	Set Screw	
	6 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	4 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	
101M-F13	5385	6483	6502	6589	32155	6052	6475	5595	5411	6699	6683	5859	---	10719
101M-01F26	5385	6483	6502	6589	32155	5395	6475	5595	5411	6699	6683	32273	---	10719
101MP-F57	5385	6483	6502	7718	32155	6052	6475	5595	5411	6699	6683	6996	9849	11063

¹ Repair Kit contains items 3, 4, 5, 11 & 13.

* Not shown - impeller set screw for three phase motors only.

DIMENSIONS



ROTATION

This helical rotor design demands a single rotation - clockwise when facing the pump drive shaft. Pump rotation and "in" and "out" ports are indicated on the dimension diagrams.

ELECTRIC MOTOR MOUNTING

This pump is supplied close coupled to electric motor or as a pump alone complete with attaching parts and instructions for mounting. Any 56 frame electric motor (or 56C frame) with $\frac{5}{8}$ inch shaft diameter, 1725 R.P.M. and of horsepower rating as listed can be used. The motor can be rigid or resilient mounted, sleeve or ball bearings, 50°C rise, capacitor start, counter-clockwise, rotation from shaft end. (For Gas Engine version, see models 111-UGY/111B-UGY) (FOR PERFORMANCE AT REDUCED MOTOR SPEEDS, SEE MODEL 121/121B)