

NON-METALLIC SEALLESS MAGNETIC CENTRIFUGAL PUMPS

FPUCM801
\$1697



FPUCM801-NM
(without motor), \$1221,
shown smaller than
actual size.



- ✓ Leakproof and Sealless
- ✓ Rugged Cantilever Design
- ✓ Runs Dry for up to 30 Minutes
- ✓ Excellent Chemical Resistance
- ✓ Polypro or PVDF Construction
- ✓ Temperature to 104°C (220°F)
- ✓ Back Pull-Out Design

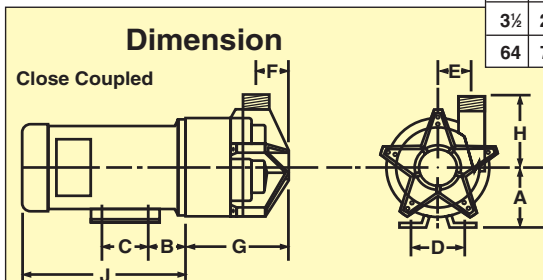


The OMEGA® FPUCM800 Series sealless magnetic centrifugal pumps feature all non-metal wetted parts for compatibility with a wide variety of corrosives. Their sealless magnetic design insures against liquid leaks, and the use of powerful neodymium rare earth magnets provides long-life performance. Once liquid is in the pump, the FPUCM800 Series can survive without damage if accidentally operated dry for up to 30 minutes.

The back pull-out design of the FPUCM800 Series makes it convenient to remove the motor without removing the pumphead from the flow line. Thus, the flow line need not be shut down to service the motor.

The standard FPUCM800 Series pump includes an integral NEMA 56C motor which must be hardwired in the field. The FPUCM801/801-PV runs from single-phase 115 or 230 Vac; all others run from three-phase 230 or 460 Vac. The "-NM" option provides the pumphead without a motor, and includes all hardware required to mount these pump heads to NEMA 56C face motors.

These pumps are not self-priming, so, for applications where fluid is not always present in the pump head, the use of check valves is recommended.



A	B	C	D	E	F	G	H	J	Units
3½	2½	3	4½	2¼	2½	7¾	4¾	9½ *	in
64	70	76	124	57	60	183	121	237	mm

* Models FPUCM801/801-PV, FPUCM804/804-PV, FPUCM806/806-PV, and FPUCM808/808-PV, 286 mm (11 ¼").

Models FPUCM807/807-PV, and FPUCM809/809-PV, 308 mm (12 ½").

SPECIFICATIONS

Max. Static Pressure: 36 psig
Net Positive Suction Head: 6 m (20')
Inlet/Outlet Ports: 1½" FNPT inlet, 1¼" MNPT outlet
Max. Temperature:
 Std polypro construction: 82°C (180°F);
 Opt "-PV" construction: 104°C (220°F)

Shipping Weight: 7.27 kg (16 lb)

Materials of Construction: Polypro models: glass-filled polypropylene, high density carbon, high purity ceramic and Viton®, max temp 82°C (180°F); PVDF models (suffix "-PV"): carbon-filled PVDF, high density carbon, high purity ceramic and Viton®, max temp 104°C (220°F)

CUSTOM MODELS BUILT TO ORDER!

To Order (Specify Model Number)

Model No.	Price	PVDF	Price	Flow @ 3450 RPM GPM	Head ft	Max. S.G.	HP
FPUCM801*	\$1697	FPUCM801-PV*	\$2119	73	40	1.6	1
FPUCM802	1697	FPUCM802-PV	2119	73	40	1.8	1.5
FPUCM803	1697	FPUCM803-PV	2119	85	53	1.5	1.5
FPUCM804	1725	FPUCM804-PV	2158	85	53	1.8	2
FPUCM805	1725	FPUCM805-PV	2158	95	68	1.1	1.5
FPUCM806	1725	FPUCM806-PV	2192	95	68	1.4	2
FPUCM807	1782	FPUCM807-PV	2209	95	68	1.8	3
FPUCM808	1782	FPUCM808-PV	2209	105	83	1.1	2
FPUCM809	1782	FPUCM809-PV	2209	105	83	1.6	3
CM-4391	99	Reference Book: Centrifugal Pump Design					

Comes with complete operator's manual.

* Single-phase motor; all others have three-phase motors. For pumps without motors, including all hardware to mount to customer-supplied NEMA 56C face motors, add suffix "-NM" to part number; price is lower contact sales department for price. Example prices are \$1333 for polypropylene models and \$1762 for PVDF models.

Ordering Example: FPUCM803-PV, pump with motor, PVDF construction, \$2119.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

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