



FM-Series

6" ENCAPSULATED SUBMERSIBLE
THREE-PHASE MOTORS

FEATURES

- Encapsulated, water-filled design
- Engineered, assembled and tested in the USA
- Leading motor efficiencies yield lower cost of ownership
- NSF/ANSI 61 certified for potable water
- Variable frequency drive capable*
- Horizontal and vertical installation*
- Class F rated insulation

* See detail reported in the instruction manual



CentriPro
a xylem brand

MOTOR DATA

Part No.	HP	kW	Volts
THREE PHASE			
6F058	5	3.7	200-208
6F078	7.5	5.5	
6F108	10	7.5	
6F158	15	11	
6F208	20	15	
6F258	25	19	
6F308	30	22	
6F052	5	3.7	230
6F072	7.5	5.5	
6F102	10	7.5	
6F152	15	11	
6F202	20	15	
6F252	25	19	
6F302	30	22	
6F055	5	3.7	575
6F075	7.5	5.5	
6F105	10	7.5	
6F155	15	11	
6F205	20	15	
6F255	25	19	
6F305	30	22	
6F405	40	30	460
6F054	5	3.7	
6F074	7.5	5.5	
6F104	10	7.5	
6F154	15	11	
6F204	20	15	
6F254	25	19	
6F304	30	22	
6F404	40	30	
6F504	50	37	

* Direct on line starting. Y-Delta not available.

INDUSTRY LEADING DESIGNS

Thrust Handling

The FM-Series Kinsbury type bi-directional thrust bearing can handle down-thrust values greater than other 6" submersible motors.

Up to 30 HP - 3600 lbs

40 HP to 50 HP - 6750 lbs



Sealing System

Most robust sealing system available on the market provides protection against sediment intrusion in the most difficult of applications. Sealing system includes specially designed rubber slinger, upgraded mechanical seal as standard with Silicon Carbide / Silicon Carbide material, and a lip seal.



ADDITIONAL CONSTRUCTION FEATURES

- 17-4PH Stainless Steel Shaft
- Fully replaceable XLPE Lead Wire
- 300 series stainless steel casing and fasteners
- Up-thrust ring
- Dual-Flange upper bracket
- Epoxy coated upper and lower bracket
- Pressure Equalizing diaphragm



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