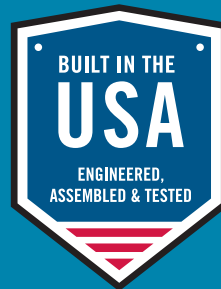




FM Series

6" - 8" ENCAPSULATED SUBMERSIBLE MOTORS



BRCPFMSERIE R6

6" - 8" Encapsulated Submersible Motors



Goulds Water Technology FM Series 6" & 8" Encapsulated Submersible Motors provide industry leading efficiencies and dependable solutions for numerous agriculture, industrial and municipal applications. As one of the only "Built in the USA" vertical submersible motors available in the market today, quality is managed and perfected from design through manufacturing and final test.

RUGGED CONSTRUCTION

- 3-level sealing design
- 17-4 PH stainless steel shaft. Shaft extension and coupling dimensions per NEMA standards.
- Epoxy-coated upper and lower bracket
- Casing is 300 Series stainless steel
- Stainless steel bolting and fasteners
- Encapsulated, water-filled design
- Class F rated insulation

EASY INSTALLATION AND SERVICEABILITY

- Dual-flange style upper bracket
- Horizontal and vertical installation options
- Fully replaceable XLPE lead wire with 17 ft (5.18m) lead length
- Voltage change device*

RELIABLE PERFORMANCE

- Kingsbury-style bi-directional thrust bearing
- Pressure equalizing diaphragm
- Upthrust ring
- Variable frequency drive compatible

* Specifications noted on page 3.

6" - 8" Encapsulated Submersible Motors

INDUSTRY LEADING DESIGN PROVIDES THE FOLLOWING BENEFITS:

Premium Thrust Handling

Knowing performance is essential, the Kingsbury-style bi-directional thrust bearing design increases down-thrust capabilities over and above other submersible motors.

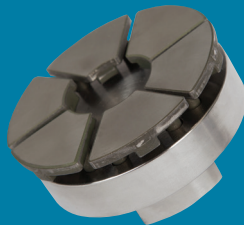
6" motors

Up to 30 hp - 3,600 lbs

40 hp to 50 hp - 6,750 lbs

8" motors

50 hp to 150 hp - 10,000 lbs



Innovative Sealing System

The standard configuration includes innovative 3-level sealing design, which results in a robust solution, reducing costly failures and down-time in aggressive applications. Sealing system includes specially designed rubber slinger, upgraded mechanical seal as standard with Silicon Carbide / Silicon Carbide material, and a lip seal.



Voltage Flexibility

The voltage change device provides superior field flexibility while reducing inventory requirements. For ease of use, the motors will arrive wired for 460V.

An extra 230V pin is provided for easy change out. Standard on all three-phase 5 to 30 HP 6" motors.



AVAILABLE MODELS

Single-Phase 6" FM Series

Part No.	HP	kW	Volts
6F051	5	3.7	230
6F071	7.5	5.5	
6F101	10	7.5	
6F151	15	11	

Three-Phase 6" FM Series and 8" FM Series

Part No.	HP	kW	Volts
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	
6F0524	5	3.7	230/460
6F0724	7.5	5.5	
6F1024	10	7.5	
6F1524	15	11	
6F2024	20	15	
6F2524	25	19	
6F3024	30	22	
6F404	40	30	460
6F504	50	37	
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	
6F505	50	37	460
86F504	50	37	
86F604	60	45	
8F504	50	37	
8F604	60	45	
8F754	75	56	
8F1004	100	75	
8F1254	125	93	
8F1504	150	112	575
86F505	50	37	
86F605	60	45	
8F505	50	37	
8F605	60	45	
8F755	75	56	
8F1005	100	75	
8F1255	125	93	
8F1505	150	112	

Note: Direct on line starting. Y-Delta not available.



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