



## 4" CBM+ SUBMERSIBLE MOTORS

7.5-15 HP, 460/380 V, 60/50 HZ

Franklin Electric's CBM+ motor is engineered for superior dependability in a 4" and larger casing. Suitable for marginal oil and gas wells, this motor is rated for continuous operation in 122 °F (50 °C) water at 1/4 feet-per-second and 176 °F (80 °C) water at 1 foot-per-second flow past the motor. Combining the CBM+ motor with Franklin's specifically-engineered Artificial Lift drives and controls, maximizes performance while extending the longevity of your down-hole equipment.

### FEATURES

- Exclusive Sand Fighter™ sealing system
- Increased bearing capacity
- Corrosion-resistant construction
- Hardened stainless steel splined shaft
- Anti-track, self-healing resin system repairs minor shorts
- Hermetically-sealed windings
- Water-lubricated bearings
- Filter check valve
- Kingsbury-type thrust bearing rated for 5-10 hp - 1,500 lbs downthrust
- Kingsbury-type thrust bearing rated for 15 hp - 3,500 lbs downthrust
- Pressure-equalizing diaphragm
- Removable Water-Bloc™ lead
- NEMA pump mounting dimensions
- Reinforced diaphragm housing
- Diaphragm filter shield



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## ORDERING INFORMATION

Three-Phase, 7.5-15 HP, 460/380 V, 60/50 Hz								
Order No.	HP	KW	Nominal Amps (A)		Length (L)		Shipping Wt.	
			@ 50 Hz	@ 60 Hz	in	mm	lbs	kg
CBM+ 2343283529G 7.5	7.5	5.5	12.6	12.3	30.15	707	74	33.6
CBM+ 2345953529G 10	10	7.5	16.5	15.4	33.15	785	80	36.3
CBM+ 2346268996 15	15	11.2	26.5	25.8	47.5	1208	115	52.3

## MATERIALS

Component	7.5-10 HP CBM + Motor	15 HP CBM + Motor
Top Casting	316 Stainless Steel	303 Stainless Steel
Bottom Housing	316 Stainless Steel	303 Stainless Steel
Stator Shell	316 Stainless Steel	316 Stainless Steel
Stator Ends	316 Stainless Steel	316 Stainless Steel
Shaft Extensions	17-4 Stainless Steel	17-4 Stainless Steel
Fasteners	316 Stainless Steel	300 Series Stainless Steel
Seal Cover	316 Stainless Steel	Sintered Bronze
Seal	SiC/SiC Mech. Seal	SiC/SiC Mech. Seal
Diaphragm	FPM/FKM	FPM/FKM
Diaphragm Cup	316 Stainless Steel	316 Stainless Steel
Diaphragm Spring	316 Stainless Steel	316 Stainless Steel
Diaphragm Cover	Cast 316 Stainless Steel	Cast 303 Stainless Steel
Slinger	FPM/FKM	FPM/FKM
Lead Wire (or Cable)	CBM+	High Pressure
Filter	316 Stainless Steel Plug	Acetal and Polyester
Diaphragm Filter	Polyester	Polyester

