

## 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<sup>™</sup> sealing system
- Advanced Power-Dense 24-slot stator maximizes available horsepower per linear inch of motor length
- 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<sup>™</sup> lead (sold separately)
- NEMA pump mounting dimensions
- Reinforced diaphragm housing
- Diaphragm filter shield





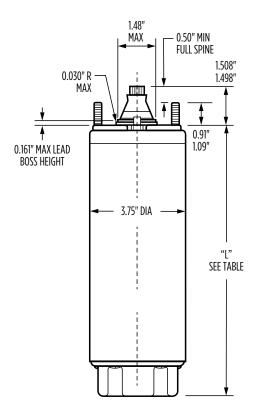
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## ORDERING INFORMATION

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	
2347283529G	7.5	5.5	12.9	12.4	28	711	71	32	
2347293529G	10	7.5	17.3	16.5	31	787	76	34	
2346268995	15	11.2	26.5	25.8	47.5	1207	115	52	

## 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		



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