

Universal PM Motors

Specifications

Submersible drive for screw pump

Series	Max Torque (500 rpm)		Max Power		Operating Speed	Length		Weight		
	mm	N*m	ft*lbs	HP		kW	rpm	ft	m	lb
117	1,000		740	70	52.5	100-1,500	27.2	8.3	1,455	660

Standard-Speed PM Motors

Type	Series	Max Power		Rated Speed	Efficiency	Ambient Temperature		Length		Weight	
		HP	kW			rpm	%	°F	°C	ft	m
	92	145	108	2,400-4,200	90.5	< 302	< 150	20.3	6.2	636	289
	117	402	300	2,400-4,200	92.4	< 302	< 150	24.9	7.6	1,338	608
	185	732	540	2,400-4,200	93.9	< 302	< 150	14.9	4.5	1,614	732
high-temperature	117	732	546	2,400-4,200	92.2	< 392	< 200	14.9	4.5	1,614	732
small	81	140	100	3,000-6,000	87.3	< 302	< 150	21.5	6.5	607	275

High-Speed PM Motors

Type	Series	Max Power		Rated Speed	Efficiency	Ambient Temperature		Length		Weight	
		HP	kW			rpm	%	°F	°C	ft	m
	81	134	100	3,000-6,000	87.3	< 302	< 150	21.5	6.5	607	275
	117	200	150	3,000-6,000	90	< 302	< 150	13.7	4.2	585	265

PM Motors for UHS ESPTM

Series	Rated Power		Voltage	Current	Efficiency	Length		Weight	
	HP	kW				V	A	%	ft
430	30	22.5	725	22.3	> 91	8.9	2.7	194	88
430	30	22.5	957	15.6	> 91	8.9	2.7	194	88
430	60	45	1,350	22.5	> 91	10.7	3.3	243	110
430	134	100	1,900	36.0	> 91	15.1	4.6	337	153
460	200	150	3,313	32.1	> 91	37	11.3	830	377

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PM Motors for Sucker Rod Pumps

Rated Power		Torque		Rated Speed	Speed Range	Efficiency
HP	kW	N*m	ft*lbs	rpm	rpm	%
15	11	216	160	450	86-550	> 98 %
30	22	467	345	450	86-550	> 98 %
50	42	786	586	450	86-550	> 98 %
100	74	1,600	1,180	450	86-550	> 98 %