

Oil Well Pump Motors

Foot Mount TEFC

Applications: ---

Used in beam pumps, sucker rod pumps, other applications requiring high torque or high slip.

Features: ---

- 1.15 Service Factor @ 60 Hz;
- 1.0 Service Factor @ 50 Hz
- Exceeds NEMA Design D
- F2 Mounting
- High Slip 5% - 8%
- 1200, 900 RPM
- Totally Enclosed Fan Cooled, Cast Iron Frames
- Multi-Mount from 143 to 449
- Shaft Slinger on Both Ends
- Protection Ip55
- Vacuum Pressure Impregnation for all Windings
- Class F Insulation System, Class B Rise at Full Load
- Sealed Bearings thru 215T Frame
- Regreasable Open Bearings 245T Frame and Above
- Corrosion Resistant Paint
- Stainless Steel Nameplate and Zinc Plated Hardware
- 40°C Ambient Continuous Duty



NEMA

Standard Full Line Motors

Oil Well Pump Motors

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HP	RPM	Voltage	Frame	Catalog Number	Full Eff. 100%	Full Amps 230/460/796 V	Ship Wt. (lbs)
3	1120	230/460/796	213T	OWP31	81.8	8.8/4.4/2.5	154
5	1125	230/460/796	215T	OWP51	82.3	14.6/7.3/4.2	177
7.5	1120	230/460/796	254T	OWP71	86.5	21.6/10.8/6.3	286
10	1120	230/460/796	256T	OWP101	86.6	29.0/14.5/8.4	322
15	1120	230/460/796	284T	OWP151	87.7	41.4/20.7/12.0	401
20	1120	230/460/796	286T	OWP201	87.7	54.0/27.0/15.6	460
25	1125	230/460/796	324T	OWP251	88.4	65.2/32.6/18.8	586
30	1120	230/460/796	326T	OWP301	88.7	78.0/39.0/22.5	608
40	1120	230/460/796	365T	OWP401	88.9	100/50.0/28.9	807
50	1120	230/460/796	404T	OWP501	89.9	123/61.5/35.5	997
60	1120	230/460/796	405T	OWP601	89.9	145.2/72.6/42.0	1079
75	1140	230/460/796	444T	OWP751	90.6	185.2/92.6/53.5	1394
100	1140	230/460/796	445T	OWP1001	91	242/121/69.9	1504



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Catalog Number	HP	FRAME	RPM	EFF. %
OWP32	3	215T	900	80.0
OWP52	5	254T	900	81.5
OWP72	7.5	256T	900	82.5
OWP102	10	284T	900	84.0
OWP152	15	286T	900	85.5
OWP202	20	324T	900	87.5
OWP252	25	326T	900	87.5
OWP302	30	364T	900	87.5
OWP402	40	365T	900	87.5
OWP502	50	404T	900	88.5
OWP602	60	405T	900	89.5
OWP752	75	444T	900	91.7
OWP1002	100	445T	900	91.7
OWP1252	125	447T	900	93.5

Mounting and overall dimensions

Technical drawing of a motor showing front and side views with dimension labels.

Front View (Top):

- A:** Total height of the motor.
- E:** Height of the upper housing section.
- J:** Height of the lower housing section.
- H:** Height of the base flange.
- E:** Height of the base flange (repeated).
- G:** Thickness of the base flange.
- d:** Diameter of the base flange.
- T:** Total width of the motor.
- O:** Diameter of the central shaft.
- AA:** Label for the top terminal box.

Side View (Bottom):

- d:** Diameter of the base flange.
- C:** Total length of the motor.
- B:** Length of the main body.
- 2F1:** Length of the first fan section.
- 2F2:** Length of the second fan section.
- BA:** Length of the base flange.
- N-W:** Length of the base flange (repeated).
- ES:** Length of the base flange (repeated).

Detail View (Bottom Right):

- S:** Thickness of the base flange.
- R:** Radius of the base flange.
- U:** Width of the base flange.

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