

Definite Purpose Series

Totally Enclosed Fan Cooled

Tosh-ECO[®] Oil Well Pump

The Oil Well Pump motor is equipped to handle the harshest of environments, including installations in remote locations where the motor cannot be easily accessed. Specifically built for use in the oil and gas industry, these motors offer a high-slip, high-torque design in a totally enclosed fan cooled frame to safeguard against outdoor elements. Exceptional corrosion-resistance and high structural rigidity are inherent in this type of motor, and reliability and durability are critical factors that differentiate this product from competitors' offerings.

Standard Features:

- Totally Enclosed Fan Cooled
- Oil & Gas Duty
- High Efficiency Design
- 60 Hz: 230/460/796 V
- Three-Phase
- 60 Hz Design
- NEMA Design D (5 to 8% Slip)
- 1.15 Service Factor
- Class F Insulation
- IP55 Protection
- Cast Iron Frame, Conduit Box & Bearing Brackets
- Multi-Mount Capabilities on All Frames (See Appendix B)
- Corrosion-Resistant Screens for Open Motors
- F2 Assembly (F1 Field Modifiable)
- Thermal Protection on Motor Windings
- External Grounding Provisions
- Non-NAFTA Qualified

Applications:

- Beam Pumps
- Sucker Rod Pumps



ODP General Purpose
TEFC General Purpose
Explosion Proof
IEC
Definite Purpose
LV Mods. (Stock & Prod.)
MV General Purpose Open
MV Gen. Purp. Enclosed
MV Modifications

Totally Enclosed Fan Cooled Tosh-ECO® Oil Well Pump High Efficiency



2 TWO YEAR WARRANTY

Toshiba's Oil Well Pump motor shares the same superb quality as other Toshiba totally enclosed fan cooled designs. The Oil Well Pump motor is equipped to handle the harshest of environments, including installations in remote locations where the motor cannot be easily accessed. Specifically built for use in the oil and gas industry, these motors offer a high-slip, high-torque design in a totally enclosed fan cooled frame. Exceptional corrosion-resistance and high structural rigidity are inherent in this type of motor, and reliability and durability are critical factors that differentiate this product from competitors' offerings.

Product Scope:

- Horsepower:** 5 to 125 HP
- Speed (60 Hz):** 1200 RPM
- Volt (60 Hz):** 230/460/796 V
- Enclosure:** Totally Enclosed Fan Cooled
- Frame Size:** 215T through 445T
- Construction:** Cast Iron Frame, Conduit Box & Bearing Brackets
- Insulation:** Class F

HP	Speed (RPM)	Volts	Frame	Weight (lbs.)	Model Number	FL Amps	Nominal FL EFF	Notes	Discount Symbol
5	1200	230/460/796	215T	172	OW13	14.4/7.2/4.2	84.0	1, 18	MECOWP
7.5	1200	230/460/796	254T	278	OW14	20/10.2/5.9	86.5	1, 18	MECOWP
10	1200	230/460/796	256T	295	OW15	27/13.4/7.7	87.5	1, 18	MECOWP
15	1200	230/460/796	284T	386	OW16	42/21/12.1	84.0	1, 18	MECOWP
20	1200	230/460/796	286T	420	OW17	56/28/16.2	85.5	1, 18	MECOWP
25	1200	230/460/796	324T	646	OW18	66/33/19.1	85.5	1, 18	MECOWP
30	1200	230/460/796	326T	730	OW19	80/40/23	85.5	1, 18	MECOWP
40	1200	230/460/796	364T	838	OW20	100/50/29	86.5	1, 18	MECOWP
50	1200	230/460/796	365T	865	OW21	124/62/35	87.5	1, 18	MECOWP
60	1200	230/460/796	404T	1137	OW22	152/76/43	87.5	1, 18	MECOWP
75	1200	230/460/796	405T	1249	OW23	188/94/54	87.5	1, 18	MECOWP
100	1200	230/460/796	444T	1616	OW24	256/128/74	87.5	1, 2, 18	MECOWP
125	1200	230/460/796	445T	1761	OW25	294/147/86	89.6	1, 2, 18	MECOWP

FL Amps and FL EFF are average expected design values and not guaranteed.
The weights listed above are estimated.
Please contact Toshiba for information on product availability.
"CF" = Consult Factory