

**661XL / IEEE 841,
Three Phase,
TEFC, 460 Volts,
Foot Mounted**

5 thru 75 Hp

NEMA 184T thru 365T

Applications: Petroleum, chemical and other industries with belt driven heat exchangers requiring premium efficient motors designed to API 661 standards of 40,000 hours bearing life.

Features: Severe duty design with NEMA premium efficiency. Motors meet IEEE 841-2009 specifications for the chemical industry and incorporate roller bearings on 210 frames and larger for heavy belt loads. They have VBX / VBXX Inpro bearing isolators on both ends and a stainless drain in the lower end bracket for vertical shaft down. Shaft up requires removing plug in upper end and reversing drain. Motors have RTV sealed end bracket-to-frame fits, epoxy coated rotor and stator, alemite grease fittings with automatic grease relief fittings, lead lugs, low vibration, and quiet operation (below 90 dBA sound power). 5-year warranty.



| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | EISA Status (a) | Notes (a) |
|-------|------|------------|------------------------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------------|-----------|
| 5 | 1800 | 184T | ECP63665T-4 | 1,384 | SD | 17.12 | 142 | 89.5 | 460 | 6.6 | A | 1, 16 |
| 7 1/2 | 1800 | 213T | ECP63770TR-4 | 1,982 | SD | 20.19 | 205 | 91.7 | 460 | 9.4 | A | 1, 5, 16 |
| 10 | 1800 | 215T | ECP63774TR-4 | 2,302 | SD | 20.19 | 225 | 91.7 | 460 | 12.3 | A | 1, 5, 16 |
| 15 | 1800 | 254T | ECP62333TR-4 | 2,973 | SD | 25.06 | 280 | 92.4 | 460 | 17.6 | A | 1, 5, 16 |
| 20 | 1800 | 256T | ECP62334TR-4 | 3,189 | SD | 25.06 | 322 | 93 | 460 | 23.1 | A | 1, 5, 16 |
| 25 | 1800 | 284T | ECP64103TR-4 | 4,123 | SD | 27.93 | 422 | 93.6 | 460 | 30.5 | A | 1, 5, 16 |
| 30 | 1800 | 286T | ECP64104TR-4 | 4,784 | SD | 27.93 | 460 | 93.6 | 460 | 35 | A | 1, 5, 16 |
| 40 | 1800 | 324T | ECP64110TR-4 | 6,347 | SD | 30.53 | 600 | 94.5 | 460 | 46 | A | 1, 5, 16 |
| 50 | 1800 | 326T | ECP64115TR-4 | 7,366 | SD | 30.53 | 700 | 94.5 | 460 | 57 | A | 1, 5, 16 |
| 60 | 1800 | 364T | ECP64314TR-4 | 9,664 | SD | 33.44 | 902 | 95 | 460 | 68 | A | 1, 5, 16 |
| 75 | 1800 | 365T | ECP64316TR-4 | 11,149 | SD | 33.44 | 951 | 95.4 | 460 | 85.9 | A | 1, 5, 16 |

(a) See notes on inside back.

All ratings are 1.15 service factor at 40°C ambient. All ratings meet 50°C ambient at 1.00 service factor and weatherproof intent of IEEE 45 and USCG 259 marine duty (below deck).

■ Cast Iron Frame

General Information

Premium Efficient Super-E® Motors

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors