

Premium Efficient Super-E® Motors

BALDOR • RELIANCE®

**Severe Duty,
Three Phase,
575 Volts,
Foot Mounted**

1 thru 200 Hp

NEMA 143T thru 445T

Applications: Petro-chemical plants, mines, foundries, pulp and paper plants, waste management facilities, chemical plants, tropical climates and other processing industry applications requiring protection against corrosion caused by severe environmental operating conditions.

Features: ECP / XEX motors have 1.15 Service Factor, corrosion resistant epoxy finish, regreasable ball or roller bearings, oversized rotatable cast iron conduit box, cast iron frames, Forsheda® shaft seal, moisture resistant copper windings, Class F insulation, tropicalization, stainless steel nameplate and corrosion resistant hardware. NEMA Premium® efficiency and 3-year warranty.



| Hp | RPM | NEMA Frame | Catalog Number | List Price | Mult. Sym. | "C" Dim. | Aprx. Wt. (lb) | Full Load Efficiency | Voltage | Full Load Amps | Notes (a) | Reliance M/N |
|-------|------|------------|----------------|------------|------------|----------|----------------|----------------------|---------|----------------|-----------|--------------|
| 1 | 1800 | 143T | ECP3581T-5 | 805 | SD | 12.88 | 60 | 86.5 | 575 | 1.1 | 1 | P14G7545 |
| 1 1/2 | 1800 | 145T | ECP3584T-5 | 820 | SD | 12.88 | 65 | 86.5 | 575 | 1.6 | 1 | P14G7548 |
| 2 | 1800 | 145T | ECP3587T-5 | 856 | SD | 12.88 | 68 | 86.5 | 575 | 2.2 | 1 | P14G7550 |
| 3 | 1800 | L182T | ECP3661T-5 | 1,083 | SD | 17.12 | 103 | 89.5 | 575 | 3.36 | 1 | P18G3373 |
| | 1200 | 213T | ECP3764T-5 | 1,522 | SD | 19.32 | 186 | 89.5 | 575 | 4 | 1 | P21G3353 |
| 5 | 1800 | L184T | ECP3665T-5 | 1,103 | SD | 17.12 | 121 | 89.5 | 575 | 5.28 | 1 | P18G3374 |
| | 1200 | L215T | ECP3768T-5 | 1,542 | SD | 20.19 | 205 | 89.5 | 575 | 5.44 | 1 | P21G3354 |
| 7 1/2 | 1800 | 213T | ECP3770T-5 | 1,389 | SD | 19.31 | 178 | 90.2 | 575 | 7.2 | 1 | P21G3336 |
| | 1200 | 254T | ECP2276T-5 | 2,207 | SD | 24.56 | 267 | 90.2 | 575 | 7.68 | 1 | P25G3322 |
| 10 | 1800 | L215T | ECP3774T-5 | 1,663 | SD | 20.19 | 215 | 90.2 | 575 | 9.52 | 1 | P21G3337 |
| | 1200 | 256T | ECP2332T-5 | 2,867 | SD | 25.07 | 286 | 91.7 | 575 | 11.5 | 1 | P25G3323 |
| 15 | 1800 | 254T | ECP2333T-5 | 2,119 | SD | 24.56 | 255 | 92.4 | 575 | 14.4 | 1 | P25G3318 |
| | 1200 | 284T | ECP4100T-5 | 3,287 | SD | 27.44 | 425 | 92.4 | 575 | 14.9 | 1 | P28G3321 |
| 20 | 1800 | 256T | ECP2334T-5 | 2,273 | SD | 24.56 | 303 | 92.4 | 575 | 19.2 | 1 | P25G3319 |
| | 1200 | 286T | ECP4102T-5 | 4,466 | SD | 27.93 | 452 | 93 | 575 | 20.6 | 1 | P28G3322 |
| 25 | 1800 | 284T | ECP4103T-5 | 2,974 | SD | 27.44 | 427 | 93 | 575 | 23.7 | 1 | P28G3371 |
| | 1200 | 324T | ECP4111T-5 | 4,667 | SD | 30.16 | 556 | 93 | 575 | 25.3 | 1 | P32G3329 |
| 30 | 1800 | 286T | ECP4104T-5 | 3,532 | SD | 27.44 | 471 | 93.6 | 575 | 28.8 | 1 | P28G3318 |
| | 1200 | 324T | ECP4110T-5 | 4,621 | SD | 30.44 | 578 | 94.1 | 575 | 38.1 | 1 | P32G3325 |
| 40 | 1800 | 326T | ECP4115T-5 | 5,424 | SD | 30.44 | 640 | 94.5 | 575 | 46.7 | 1 | P32G3326 |
| 50 | 1800 | 364T | ECP4314T-5 | 7,270 | SD | 33.44 | 821 | 95 | 575 | 54.4 | 1 | P36G3312 |
| 75 | 1800 | 365T | ECP4316T-5 | 8,495 | SD | 33.44 | 912 | 95.4 | 575 | 68.7 | 1 | P36G3313 |
| 100 | 1800 | 405T | ECP4400T-5 | 11,152 | SD | 38.31 | 1,178 | 95.4 | 575 | 89.6 | 1 | P40G273 |
| 125 | 1800 | 444T | ECP4410T-5 | 13,184 | SD | 45.29 | 1,675 | 95.4 | 575 | 111.5 | 1 | P44G617 |
| 150 | 1800 | 445T | ECP4406T-5 | 15,445 | SD | 44.62 | 1,823 | 96.2 | 575 | 132 | 1 | P44G618 |
| 200 | 1800 | 447T | ECP4407T-5 | 18,580 | SD | 48.87 | 2,345 | 96.2 | 575 | 179 | 1 | P44G5212 |

(a) See notes on inside back flap and pages 5-6.

MEETS NRC CANADIAN STANDARDS FOR EFFICIENCY.

■ Cast Iron Frame