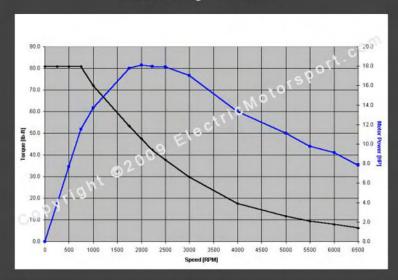


AC-15
Technical Specifications



| Motor Speed [RPM] | Motor Torque [lb-in] | Motor Torque [lb-ft] | Motor Torque [N-m] | Mator Power | Motor Power [kW] | Motor Current [A rms] |
|----------------------|-------------------------|-------------------------|-----------------------|-------------|---------------------|--------------------------|
| 0 | 970 | 80.8 | 109.6 | 0.0 | 0.0 | 650 |
| 250 | 970 | 80.8 | 109.6 | 3.8 | 2.9 | 650 |
| 500 | 970 | 80.8 | 109.6 | 7.7 | 5.7 | 650 |
| 750 | 970 | 80.8 | 109.6 | 11.5 | 8.6 | 650 |
| 1000 | 865 | 72.1 | 97.7 | 13.7 | 10.2 | 590 |
| 1750 | 640 | 53.3 | 72.3 | 17.8 | 13.3 | 470 |
| 2000 | 570 | 47.5 | 64.4 | 18.1 | 13.5 | 430 |
| 2230 | 508 | 42.3 | 57.4 | 18.0 | 13.4 | 420 |
| 2500 | 452 | 37.7 | 51.1 | 17.9 | 13.4 | 400 |
| 3000 | 358 | 29.8 | 40.4 | 17.0 | 12.7 | 345 |
| 4000 | 210 | 17.5 | 23.7 | 13.3 | 9.9 | 250 |
| 5000 | 140 | 11.7 | 15.8 | 11.1 | 8.3 | 220 |
| 5500 | 112 | 9.3 | 12.7 | 9.8 | 7.3 | 210 |
| 6000 | 96 | 8.0 | 10.8 | 9.1 | 6.8 | 200 |
| 6500 | 76 | 6.3 | 8.6 | 7.8 | 5.8 | 180 |

| Motor Speed [RPM] | Motor Current [A rms] | Motor Efficiency | Controller Efficiency | System Efficiency |
|----------------------|--------------------------|------------------|-----------------------|-------------------|
| 2000 | 80 | 89.0% | 94.4% | 84.0% |
| 2000 | 150 | 85.0% | 95.3% | 81.0% |
| 2000 | 250 | 80.0% | | |
| | | | | |
| 3000 | 80 | 89.0% | 94.4% | 84.0% |
| 3000 | 150 | 86.0% | 95.3% | 82.0% |
| 3000 | 250 | 82.0% | | |
| | | | | |
| 4700 | 80 | 87.0% | 95.4% | 83.0% |

AC 15 72 Volts 300 Amps 35.00 30.00 Horsepower / Torque (Lb Ft) 25.00 20.00 15.00 10.00 5.00 0.00 1000 2000 3000 4000 5000 6000 -5.00 Speed (RPM) -Torque (Lb Ft) — Horsepower

AC -15 72 volts 550 Amps 70.00 60.00 Horsepower / Torque (Lb Ft) 50.00 40.00 30.00 20.00 10.00 0.00 1000 2000 3000 4000 5000 6000 -10.00Speed (RPM) -Torque (Lb Ft) — Horsepower

AC-15

