



Elektrim[®]
Motors

Elektrim Crusher Series Motors

Robust Unshakable Performance for Unrelenting, Continuous Operation

150-600 HP 3PH TEFC 60 Hz NEMA AC Foot Mounted Motors

Features

- Inverter Duty Rated: 5:1CT & 10:1VT
- Service Factor: up to 1.20
- Design: High Starting Torque
- Protection Degree: IP55
- Enclosure: TEFC 200 grade cast iron frame and brackets
- Warranty: 3-Years
- 460V 60Hz double delta, double rated for 380V 50Hz at lower HP output
- Roller bearing on DE side for belt drive applications
- 4140 equivalent steel shaft
- Unibody design
- Vacuum Pressure Impregnation (VPI) for best electrical performance
- Class "F" insulation with Class "B" rise
- 12 leads out
- Large junction box
- Thermistors and space heaters standard (449T and up)
- Suitable for Y/delta starting and part winding starting
- Designed for horizontal application
- F1 / F2 convertible up to 449T frame
- CSA-US certified and CE marked

Applications

Ideal for for mining, quarry and other aggregate operations which require a durable, robust construction and unshakable crusher performance for continuous operation for years to come



Maximum Performance in Your Toughest Industrial Applications

| Part Number | HP | RPM | Frame | Torque | | | FLA | | LRA | | Efficiency | | | Power Factor | | | NEMA Design | CODE | DE | ODE | SF | lbs |
|--------------------|-----|------|-------|-----------|-------|-------|------|------|------|------|------------|------|------|--------------|-----|-----|-------------|------|-------|--------|------|------|
| | | | | FLT lb-ft | LRT % | BDT % | 460V | 575V | 460V | 575V | FL | 75% | 50% | FL | 75% | 50% | | | | | | |
| 32NFM-3-125-18 | 125 | 1790 | 444T | 367 | 165 | 240 | 139 | 112 | 828 | 662 | 95.4 | 95.0 | 94.7 | 88 | 90 | 85 | B | F | NU318 | 6318C3 | 1.20 | 1433 |
| 32NFM-3-125-12 | | 1190 | 445T | 552 | 165 | 225 | 143 | 115 | 852 | 682 | 95.0 | 95.0 | 94.6 | 86 | 84 | 77 | B | F | NU318 | 6318C3 | 1.20 | 1587 |
| 32NFM-3-150-18 | 150 | 1790 | 445T | 441 | 165 | 235 | 167 | 133 | 982 | 786 | 95.8 | 95.3 | 94.9 | 88 | 90 | 87 | B | F | NU318 | 6318C3 | 1.20 | 1565 |
| 32NFM-3-150-12 | | 1190 | 447T | 663 | 170 | 230 | 171 | 136 | 1041 | 833 | 95.8 | 95.3 | 94.8 | 86 | 85 | 79 | B | F | NU320 | 6320C3 | 1.20 | 1885 |
| 40NFC-3-150-12 | | 1725 | 447T | 665 | 220 | 230 | 172 | 138 | 1060 | 848 | 95.0 | 95.1 | 94.3 | 86 | 84 | 77 | C | G | NU320 | 6317C3 | 1.15 | 1725 |
| 32NFM-3-200-18 | 200 | 1790 | 447T | 587 | 185 | 240 | 221 | 177 | 1325 | 1060 | 96.2 | 95.6 | 95.2 | 88 | 90 | 87 | B | F | NU320 | 6320C3 | 1.20 | 1907 |
| 32NFM-3-200-12 | | 1190 | 449T | 884 | 165 | 215 | 227 | 182 | 1376 | 1101 | 95.8 | 95.5 | 95.1 | 86 | 86 | 80 | B | F | NU320 | 6320C3 | 1.20 | 2182 |
| 32NFM-3-250-18 | 250 | 1790 | 449T | 734 | 185 | 230 | 277 | 221 | 1667 | 1333 | 96.2 | 95.8 | 95.5 | 88 | 91 | 88 | B | F | NU320 | 6320C3 | 1.20 | 1872 |
| 40NFC-3-250-12 | | 1189 | 449T | 1105 | 220 | 210 | 305 | 244 | 2100 | 1680 | 95.0 | 94.9 | 93.9 | 81 | 80 | 78 | C | H | NU319 | 6314C3 | 1.15 | 2645 |
| 40NFC-3-300-18 | 300 | 1787 | 449T | 882 | 240 | 230 | 347 | 278 | 2600 | 2080 | 95.4 | 95.4 | 95.1 | 85 | 84 | 79 | C | H | NU319 | 6314C3 | 1.15 | 2665 |
| 40NFC-3-300-12 | | 1188 | 449T | 1326 | 230 | 210 | 368 | 294 | 2550 | 2040 | 95.0 | 95.0 | 94.8 | 80 | 77 | 68 | C | H | NU319 | 6314C3 | 1.15 | 2830 |
| 40NFC-3-300-9/5 | | 889 | 587 | 1773 | 220 | 190 | 382 | 306 | 2002 | 1601 | 95.4 | 95.1 | 94.1 | 77 | 73 | 62 | C | F | NU322 | 6322C3 | 1.15 | 3991 |
| 40NFC-3-350-18 | 350 | 1787 | 449T | 1029 | 230 | 240 | 400 | 320 | 3050 | 2440 | 95.4 | 95.4 | 95.1 | 86 | 84 | 80 | C | H | NU319 | 6314C3 | 1.15 | 2830 |
| 33NFC-3-350-12/5UZ | | 1190 | 587UZ | 1545 | 219 | 277 | 401 | 321 | 2485 | 1988 | 95.0 | 94.9 | 94.0 | 86 | 83 | 74 | C | G | NU324 | 6324C3 | 1.15 | 3877 |
| 33NFC-3-400-18/5UZ | 400 | 1790 | 587UZ | 1174 | 208 | 258 | 436 | 349 | 2766 | 2213 | 95.5 | 95.9 | 95.1 | 90 | 88 | 83 | C | F | NU324 | 6324C3 | 1.15 | 3877 |
| 33NFC-3-400-12/5UZ | | 1190 | 587UZ | 1765 | 206 | 259 | 458 | 366 | 2678 | 2142 | 95.0 | 95.0 | 94.0 | 86 | 84 | 76 | C | F | NU324 | 6324C3 | 1.15 | 4200 |
| 33NFC-3-500-18/5UZ | 500 | 1790 | 588UZ | 1467 | 206 | 272 | 545 | 436 | 3436 | 2749 | 95.5 | 95.2 | 94.5 | 90 | 89 | 84 | C | F | NU324 | 6324C3 | 1.15 | 4300 |
| 40NFC-3-500-18/5 | | 1786 | 587 | 1471 | 200 | 210 | 555 | 444 | 3624 | 2899 | 95.8 | 95.5 | 94.0 | 88 | 86 | 81 | C | G | NU322 | 6322C3 | 1.15 | 4289 |
| 33NFC-3-500-12/5UZ | | 1190 | 588UZ | 2207 | 218 | 264 | 573 | 458 | 3449 | 2759 | 95.0 | 95.1 | 94.2 | 86 | 84 | 76 | C | F | NU324 | 6324C3 | 1.15 | 4420 |
| 33NFC-3-600-18/5UZ | 600 | 1790 | 588UZ | 1760 | 210 | 268 | 654 | 532 | 4106 | 3285 | 95.5 | 95.3 | 94.6 | 90 | 89 | 84 | C | F | NU324 | 6324C3 | 1.15 | 4421 |

Non-stock item may be available by limited supply or special order.
 Discontinued motors. Existing inventory while supplies last.



SOLUTIONS TO MEET YOUR NEEDS

2015 S. Mitchell Blvd., Schaumburg, IL 60193
 +1-847-524-1074 • 855-463-5358 • Fax +1-847-524-9996

Elektrim is a trademark of Toolmex Industrial Solutions. www.elektrimmotors.com | 855-Go-Elektrim

