



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS - FOOT MOUNTED

Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034



PREMIUM EFFICIENCY - IE3 (Cast Iron Series)

| OUTPUT Rating | | 2 Pole / 3000 RPM | | 4 Pole / 1500 RPM | | 6 Pole / 1000 RPM | | 8 Pole / 750 RPM | |
|---------------|-------|-------------------|------------|-------------------|------------|-------------------|------------|------------------|------------|
| KW | HP | Frame | List Price | Frame | List Price | Frame | List Price | Frame | List Price |
| 0.37 | 0.5 | - | - | - | - | NG80 | 16525 | ND90S | 20165 |
| 0.55 | 0.75 | NG80 | 14705 | NG80 | 15225 | NG80 | 16980 | ND90L | 22050 |
| 0.75 | 1.00 | NG80 | 15195 | NG80 | 15450 | NG90S | 20030 | ND100L | 27095 |
| 1.10 | 1.50 | NG80 | 16555 | NG90S | 19890 | NG90L | 21900 | ND100L | 32945 |
| 1.50 | 2.00 | NG90S | 18960 | NG90L | 23155 | NG100L | 33630 | ND112M | 38185 |
| 2.20 | 3.00 | NG90L | 24360 | NG100L | 27580 | NG112M | 35495 | ND132S | 50540 |
| 3.70 | 5.00 | NG100L | 32640 | NG112M | 34935 | NG132S | 52325 | ND160M | 78670 |
| 5.50 | 7.50 | NG132S | 49305 | NG132S | 50660 | NG132M | 64295 | ND160M | 120000 |
| 7.50 | 10.00 | NG132S | 51025 | NG132M | 59870 | ND160M | 91710 | ND160L | 124615 |
| 9.30 | 12.50 | ND160M | 85985 | ND160M | 93395 | ND160L | 99935 | ND180M | 162045 |
| 11.00 | 15.00 | ND160M | 89140 | ND160M | 96625 | ND160L | 112910 | ND180L | 170895 |
| 15 | 20 | ND160M | 104455 | ND160L | 117805 | ND180L | 154150 | ND200L | 240580 |
| 18.5 | 25 | ND160L | 134175 | ND180M | 144195 | ND200L | 210530 | ND225S | 308705 |
| 22.0 | 30 | ND180M | 148910 | ND180L | 157920 | ND200L | 231570 | ND225M | 371110 |
| 30 | 40 | ND200L | 221360 | ND200L | 217845 | ND225M | 323890 | ND250M | 501050 |
| 37 | 50 | ND200L | 268805 | ND225S | 266300 | ND250M | 435590 | ND280S | 653435 |
| 45 | 60 | ND225M | 345940 | ND225M | 322805 | ND280S | 545455 | ND280M | 702315 |
| 55 | 75 | ND250MX | 465645 | ND250MX | 424310 | ND280M | 626360 | ND315S | 765955 |
| 75 | 100 | ND280S | 607975 | ND280S | 539875 | ND315S | 715125 | ND315M | 951060 |
| 90 | 120 | ND280M | 701325 | ND280M | 628845 | ND315M | 894790 | ND315L | 1287810 |
| 110 | 150 | ND315S | 847350 | ND315S | 761635 | ND315M | 997780 | ND315LX | 1363355 |
| 125 | 170 | ND315M | 994200 | ND315M | 867635 | ND315LX | 1136960 | ND315LX | 1497885 |
| 132 | 180 | ND315M | 1041415 | ND315M | 853655 | ND315LX | 1164760 | ND315LX | 1579535 |
| 160 | 215 | ND315LX | 1140765 | ND315LX | 1128770 | ND315LX | 1267920 | ND355LX | 1835200 |
| 180 | 240 | ND315LX | 1200890 | ND315LX | 1220120 | ND355LX | 1548935 | ND355LX | 1882870 |
| 200 | 270 | ND315LX | 1331810 | ND315LX | 1271115 | ND355LX | 1626385 | ND355LX | 2017045 |
| 225 | 300 | ND355LX* | 1473395 | ND355LX | 1500975 | ND355LX | 1621940 | ND355LX | 2865815 |
| 250 | 335 | ND355LX* | 1559610 | ND355LX | 1600580 | ND355LX | 1780455 | - | - |
| 275 | 370 | ND355LX* | 1579310 | ND355LX | 1621850 | ND355LX | 2012755 | - | - |
| 315 | 425 | ND355LX* | 1690805 | ND355LX* | 1819960 | ND355LX* | 2383340 | - | - |
| 355 | 473 | - | - | ND355LX* | 2114895 | - | - | - | - |
| 375 | 500 | - | - | ND355LX* | 2416635 | - | - | - | - |

275KW/2Pole is suitable for 40 Deg C Amb/70 Deg C Temperature rise

Standard Paint Shade : RAL5021 (Water Blue) Epoxy

*These are suitable to temperaturerise limited to class F

Temp rise with VFD in same frame shall be limited to class F .If cust need with rise B please refer nearest branch.

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS - FOOT MOUNTED**

Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

**PREMIUM EFFICIENCY - IE3 (Aluminium Series)**

| OUTPUT Rating | | 2 Pole / 3000 RPM | | 4 Pole / 1500 RPM | | 6 Pole / 1000 RPM | |
|---------------|-------|-------------------|------------|-------------------|------------|-------------------|------------|
| KW | HP | Frame | List Price | Frame | List Price | Frame | List Price |
| 0.37 | 0.50 | GD71 | 11255 | GD71 | 11565 | GD80 | 16460 |
| 0.55 | 0.75 | GD71 | 14620 | GD80 | 15165 | GD80 | 16865 |
| 0.75 | 1.00 | GD80 | 15100 | GD80 | 15370 | GD90S | 19010 |
| 1.10 | 1.50 | GD80 | 16490 | GD90S | 18940 | GD90L | 20845 |
| 1.50 | 2.00 | GD90S | 18875 | GD90L | 23055 | GD100L | 32030 |
| 2.20 | 3.00 | GD90L | 24245 | GD100L | 27440 | GD112M | 33835 |
| 3.00 | 4.00 | GD100L | 28630 | GD112M | 31485 | GD132S | 49810 |
| 3.70 | 5.00 | GD100L | 31075 | GD112M | 34785 | GD132S | 49810 |
| 4.00 | 5.50 | GD112M | 38455 | GD112M | 40020 | GD132S | 53445 |
| 5.50 | 7.50 | GD132S | 49095 | GD132S | 48250 | GD132M | 61235 |
| 7.50 | 10.00 | GD132S | 50795 | GD132M | 57015 | - | - |
| 9.3* | 12.50 | GD132M | 76665 | GD132M | 79220 | - | - |

Standard Paint Shade : RAL5021 (Water Blue)

For other ratings please contact nearest CG Office

* Ratings are with F class Temperature Rise



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS - FOOT MOUNTED
 Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034



HIGH EFFICIENCY - IE2 (CAST IRON Series)

| OUTPUT Rating | | 2 Pole / 3000 RPM | | 4 Pole / 1500 RPM | | 6 Pole / 1000 RPM | | 8 Pole / 750 RPM | |
|---------------|-------|-------------------|------------|-------------------|------------|-------------------|------------|------------------|------------|
| KW | HP | Frame | List Price | Frame | List Price | Frame | List Price | Frame | List Price |
| 0.37 | 0.50 | - | - | - | - | ND80 | 14380 | ND90S | 17500 |
| 0.55 | 0.75 | - | - | ND80 | 13240 | ND80 | 14770 | ND90L | 19160 |
| 0.75 | 1.00 | ND80 | 13240 | ND80 | 13435 | ND90S | 16625 | ND100L | 23550 |
| 1.10 | 1.50 | ND80 | 14380 | ND90S | 17345 | ND90L | 18245 | ND100L | 28650 |
| 1.50 | 2.00 | ND90S | 16525 | ND90L | 20130 | ND100L | 26250 | ND112M | 33205 |
| 2.20 | 3.00 | ND90L | 21205 | ND100L | 23970 | ND112M | 27935 | ND132S | 43935 |
| 3.70 | 5.00 | ND100L | 27510 | ND112M | 31760 | ND132S | 45490 | ND160M | 71500 |
| 5.50 | 7.50 | ND112M | 35550 | - | - | - | - | - | - |
| 5.50 | 7.50 | ND132S | 46855 | ND132S | 44100 | ND132M | 55935 | ND160M | 89350 |
| 7.50 | 10.00 | ND132S | 50900 | ND132M | 49820 | ND160M | 81660 | ND160L | 108360 |
| 9.30 | 12.50 | ND132M | 70895 | NG132M | 68880 | - | - | ND180M | 140905 |
| 9.30 | 12.50 | ND160M | 81985 | ND160M | 84180 | ND160L | 93020 | - | - |
| 11 | 15 | ND160M | 90475 | ND160M | 83190 | ND160L | 100485 | ND180L | 148585 |
| 15 | 20 | ND160M | 93005 | ND160L | 104890 | ND180L | 131250 | ND200L | 209165 |
| 18.5 | 25 | ND160L | 119510 | ND180M | 134190 | ND200L | 187375 | ND225S | 268415 |
| 22 | 30 | ND180M | 134240 | ND180L | 146970 | ND200L | 210960 | ND225M | 322720 |
| 30 | 40 | ND200L | 197100 | ND200L | 202800 | ND225M | 288385 | ND250M | 435690 |
| 37 | 50 | ND200L | 239315 | ND225S | 226790 | ND250M | 387760 | ND280S | 568175 |
| 45 | 60 | ND225M | 307960 | ND225M | 274885 | ND280S | 485585 | ND280M | 610705 |
| 55 | 75 | ND250MX | 414585 | ND250MX | 377740 | ND280M | 557655 | ND315S | 666005 |
| 75 | 100 | ND280S | 541265 | ND280S | 480650 | ND315S | 651455 | ND315M | 826970 |
| 90 | 120 | ND280M | 624390 | ND280M | 559835 | ND315M | 815120 | ND315L | 1119850 |
| 110 | 150 | ND315S | 771870 | ND315S | 693815 | ND315M | 908905 | ND315LX | 1239400 |
| 125 | 170 | ND315M | 946885 | ND315M | 790365 | ND315LX | 1035755 | ND315LX | 1302510 |
| 132 | 180 | ND315M | 948675 | ND315M | 813005 | ND315LX | 1061055 | ND315LX | 1373500 |
| 150 | 201 | - | - | ND315LX | 903575 | - | - | - | - |
| 160 | 215 | ND315LX | 1039170 | ND315LX | 953860 | ND315LX | 1155050 | ND355LX | 1595800 |
| 180 | 240 | ND315LX | 1094000 | ND315LX | 1014505 | ND355LX | 1279425 | ND355LX | 1637260 |
| 200 | 270 | ND315LX | 1213245 | ND315LX | 1107560 | ND355LX | 1369775 | ND355LX | 1753935 |
| 225 | 300 | ND355LX* | 1366120 | ND355LX | 1331730 | ND355LX | 1410910 | ND355LX | 2492015 |
| 250 | 335 | ND355LX* | 1399190 | ND355LX | 1413020 | ND355LX | 1508550 | - | - |
| 275 | 370 | ND355LX* | 1438730 | ND355LX | 1477460 | ND355LX* | 1753835 | - | - |
| 315 | 425 | ND355LX* | 1540265 | ND355LX* | 1657930 | ND355LX* | 2171090 | - | - |
| 355 | 473 | - | - | ND355LX* | 1926610 | - | - | - | - |
| 375 | 500 | - | - | ND355LX* | 2201495 | - | - | - | - |

*These are suitable to temperature rise limited to class F

Temp rise with VFD in same frame shall be limited to class F .If cust required with rise B please refer to nearest branch.

For other ratings please contact nearest CG Office. Standard Paint Shade : RAL7034 (Yellow Grey)

For MEPS-B2 Performance, 10% additional to above prices

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS - FOOT MOUNTED**

Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

**HIGH EFFICIENCY - IE2 (Aluminium Series)**

| OUTPUT Rating | | 2 Pole / 3000 RPM | | 4 Pole / 1500 RPM | | 6 Pole / 1000 RPM | |
|---------------|-------|-------------------|------------|-------------------|------------|-------------------|------------|
| KW | HP | Frame | List Price | Frame | List Price | Frame | List Price |
| 0.18 | 0.25 | GD63 | 8400 | GD63 | 8980 | - | - |
| 0.25 | 0.33 | GD63 | 8645 | GD71 | 9115 | - | - |
| 0.37 | 0.50 | GD71 | 9830 | GD71 | 10065 | GD80 | 14320 |
| 0.55 | 0.75 | GD71 | 12750 | GD80 | 13165 | GD80M | 14695 |
| 0.75 | 1.00 | GD80 | 13125 | GD80 | 13365 | GD90S | 16530 |
| 1.10 | 1.50 | GD80 | 14320 | GD90S | 16490 | GD90L | 18160 |
| 1.50 | 2.00 | GD90S | 16425 | GD90L | 20030 | GD100L | 26085 |
| 2.20 | 3.00 | GD90L | 21085 | GD100L | 23840 | GD112M | 27785 |
| 3.70 | 5.00 | GD100L | 26180 | GD112M | 30190 | GD132S | 43315 |
| 4.00 | 5.50 | GD112M | 33425 | GD112M | 34815 | GD132S | 46475 |
| 5.50 | 7.50 | GD132S | 44605 | GD132S | 41990 | GD132M | 53280 |
| 7.50 | 10.00 | GD132S | 48450 | GD132M | 49605 | GD132M* | 85375 |
| 9.30 | 12.50 | GD132M* | 66675 | GD132M* | 68885 | - | - |
| 11.00 | 15.00 | GD132M* | 81430 | GD132M* | 78265 | - | - |

For other ratings please contact nearest CG Office

For MEPS-B2 Performance, 10% additional to above prices

Standard Paint Shade : RAL7034 (Yellow Grey)

* Ratings are with F class Temperature Rise