

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516 | V15DA001 | V48M28T15EE | 15 | 150 | 45 | FR939 | 280B | 225 | 69 | 498 | 97.91 | 97.75 | 97.16 | 96.48 | 3.31 | 3.70 | 3.74 | 1.67 | 3.35 | 97.89 | 70 |
| V48M28T3016 | V30DA001 | V48M28T30EE | 30 | 150 | 45 | FR940 | 280B | 409 | 125 | 661 | 97.96 | 98.17 | 97.88 | 97.48 | 2.18 | 2.40 | 2.44 | 1.05 | 2.20 | 98.23 | 218 |
| V48M28T4516 | V45DA001 | V48M28T45EE | 45 | 150 | 45 | FR940 | 280B | 416 | 140 | 1136 | 98.32 | 98.23 | 97.80 | 97.28 | 2.48 | 3.50 | 3.51 | 2.44 | 2.52 | 98.40 | 165 |
| V48M28T7516 | V75DA001 | V48M28T75EE | 75 | 150 | 50 | FR942 | 280B | 570 | 210 | 1645 | 98.50 | 98.44 | 98.07 | 97.62 | 2.13 | 3.49 | 3.61 | 2.87 | 2.19 | 98.60 | 270 |
| V48M28T1216 | V12DA001 | V48M28T12EE | 112.5 | 150 | 50 | FR943 | 280B | 976 | 275 | 2269 | 98.69 | 98.61 | 98.26 | 97.83 | 1.83 | 3.96 | 4.37 | 3.88 | 2.02 | 98.74 | 302 |
| V48M28T4916 | V49DA001 | V48M28T49EE | 150 | 150 | 50 | FR943 | 280B | 1239 | 350 | 2604 | 98.76 | 98.74 | 98.45 | 98.10 | 1.56 | 3.20 | 3.46 | 2.99 | 1.74 | 98.83 | 516 |
| V48M28T2216 | V22DA001 | V48M28T22EE | 225 | 150 | 55 | FR944 | 280B | 1624 | 495 | 3738 | 98.85 | 98.81 | 98.53 | 98.19 | 1.40 | 3.58 | 4.29 | 4.05 | 1.41 | 98.94 | 721 |
| V48M28T3316 | V33DA001 | V48M28T33EE | 300 | 150 | 55 | FR945 | 280B | 2283 | 640 | 4764 | 98.99 | 98.91 | 98.62 | 98.29 | 1.33 | 3.79 | 4.45 | 4.16 | 1.59 | 99.02 | 731 |
| V48M28F1516 | V15DA002 | V48M28F15EE | 15 | 115 | 45 | FR939 | 280B | 231 | 65 | 451 | 97.99 | 97.89 | 97.38 | 96.77 | 2.96 | 3.54 | 3.54 | 1.87 | 3.00 | 97.89 | 70 |
| V48M28F3016 | V30DA002 | V48M28F30EE | 30 | 115 | 45 | FR940 | 280B | 399 | 122 | 552 | 98.09 | 98.36 | 98.16 | 97.83 | 1.82 | 2.22 | 2.21 | 1.23 | 1.84 | 98.23 | 196 |
| V48M28F4516 | V45DA002 | V48M28F45EE | 45 | 115 | 45 | FR940 | 280B | 429 | 140 | 1072 | 98.40 | 98.32 | 97.91 | 97.43 | 2.34 | 3.71 | 3.81 | 2.97 | 2.38 | 98.40 | 146 |
| V48M28F7516 | V75DA002 | V48M28F75EE | 75 | 115 | 50 | FR942 | 280B | 605 | 210 | 1556 | 98.56 | 98.52 | 98.17 | 97.74 | 2.01 | 3.60 | 3.82 | 3.21 | 2.08 | 98.60 | 244 |
| V48M28F1216 | V12DA002 | V48M28F12EE | 112.5 | 115 | 50 | FR943 | 280B | 982 | 260 | 2138 | 98.72 | 98.67 | 98.34 | 97.94 | 1.74 | 3.99 | 4.53 | 4.13 | 1.85 | 98.74 | 265 |
| V48M28F4916 | V49DA002 | V48M28F49EE | 150 | 115 | 50 | FR943 | 280B | 1253 | 350 | 2651 | 98.75 | 98.72 | 98.43 | 98.06 | 1.59 | 3.56 | 3.97 | 3.56 | 1.75 | 98.83 | 447 |
| V48M28F2216 | V22DA002 | V48M28F22EE | 225 | 115 | 55 | FR944 | 280B | 1633 | 495 | 3262 | 98.90 | 98.91 | 98.68 | 98.39 | 1.26 | 4.24 | 5.3 | 5.10 | 1.45 | 98.94 | 610 |
| V48M28F3316 | V33DA002 | V48M28F33EE | 300 | 115 | 55 | FR945 | 280B | 2104 | 600 | 4068 | 98.99 | 98.99 | 98.77 | 98.50 | 1.14 | 3.62 | 4.52 | 4.35 | 1.23 | 99.02 | 675 |
| V48M28B1516 | V15DA003 | V48M28B15EE | 15 | 80 | 45 | FR939 | 280B | 237 | 65 | 508 | 97.97 | 97.90 | 97.41 | 96.82 | 3.63 | 3.81 | 3.81 | 2.40 | 2.96 | 97.89 | 70 |
| V48M28B3016 | V30DA003 | V48M28B30EE | 30 | 80 | 45 | FR940 | 280B | 433 | 140 | 421 | 98.12 | 98.54 | 98.45 | 98.24 | 1.37 | 2.11 | 2.15 | 1.63 | 1.40 | 98.23 | 165 |
| V48M28B4516 | V45DA003 | V48M28B45EE | 45 | 80 | 50 | FR942 | 280B | 570 | 193 | 531 | 98.03 | 98.57 | 98.56 | 98.42 | 1.12 | 2.31 | 3.61 | 2.01 | 1.37 | 98.40 | 270 |
| V48M28B7516 | V75DA003 | V48M28B75EE | 75 | 80 | 50 | FR943 | 280B | 982 | 256 | 848 | 98.58 | 98.87 | 98.78 | 98.60 | 1.00 | 2.42 | 2.75 | 2.51 | 1.13 | 98.60 | 302 |
| V48M28B1216 | V12DA003 | V48M28B12EE | 112.5 | 80 | 50 | FR943 | 280B | 1274 | 365 | 1336 | 98.66 | 98.90 | 98.78 | 98.57 | 1.03 | 2.36 | 2.62 | 2.34 | 1.19 | 98.74 | 516 |
| V48M28B4916 | V49DA003 | V48M28B49EE | 150 | 80 | 50 | FR944 | 280B | 1628 | 373 | 1273 | 98.73 | 99.05 | 99.02 | 98.90 | 0.74 | 2.36 | 2.9 | 2.77 | 0.85 | 98.83 | 721 |
| V48M28B2216 | V22DA003 | V48M28B22EE | 225 | 80 | 55 | FR945 | 280B | 2207 | 600 | 2576 | 98.84 | 98.99 | 98.86 | 98.65 | 0.84 | 2.70 | 3.17 | 2.96 | 1.14 | 98.94 | 731 |
| V48M28B3316 | V33DA003 | V48M28B33EE | 300 | 80 | 55 | FR924 | 280B | 2283 | 565 | 3642 | 99.00 | 99.12 | 98.99 | 98.80 | 3.84 | 4.32 | 4.51 | 4.39 | 1.03 | 99.02 | 694 |
| 3-Phase 480V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | |
| V48M47T1516 | V15DA007 | V48M47T15EE | 15 | 150 | 45 | FR939 | 280B | 227 | 65 | 489 | 97.94 | 97.77 | 97.21 | 96.54 | 3.25 | 3.69 | 3.71 | 1.77 | 3.26 | 97.89 | 67 |
| V48M47T3016 | V30DA007 | V48M47T30EE | 30 | 150 | 45 | FR940 | 280B | 395 | 122 | 665 | 98.12 | 98.24 | 97.93 | 97.51 | 2.20 | 2.51 | 2.53 | 1.16 | 2.25 | 98.23 | 195 |
| V48M47T4516 | V45DA007 | V48M47T45EE | 45 | 150 | 45 | FR940 | 280B | 433 | 127 | 1110 | 98.37 | 98.28 | 97.85 | 97.35 | 2.46 | 3.56 | 3.6 | 2.62 | 2.47 | 98.40 | 162 |
| V48M47T7516 | V75DA007 | V48M47T75EE | 75 | 150 | 50 | FR942 | 280B | 576 | 204 | 1543 | 98.60 | 98.54 | 98.19 | 97.77 | 2.00 | 3.33 | 3.45 | 2.77 | 2.06 | 98.60 | 282 |
| V48M47T1216 | V12DA007 | V48M47T12EE | 112.5 | 150 | 50 | FR943 | 280B | 970 | | | | | | | | | 4.78 | | | 98.74 | |
| V48M47T4916 | V49DA007 | V48M47T49EE | 150 | 150 | 50 | FR943 | 280B | 1253 | | | | | | | | | 3.11 | | | 98.83 | |
| V48M47T2216 | V22DA008 | V48M47T22EE | 225 | 150 | 55 | FR944 | 280B | | | | | | | | | | | | | 98.94 | |
| V48M47T3316 | V33DA007 | V48M47T33EE | 300 | 150 | 55 | FR945 | 280B | 2294 | | | | | | | | | 4.49 | | | 99.02 | |
| 3-Phase 480V Delta-240V Delta with 120V lighting tap | | | | | | | | | | | | | | | | | | | | | |
| V48M22T1516 | V15DA019 | V48M22T15EE | 15 | 150 | 45 | FR939 | 282B | 231 | 63 | 508 | 97.91 | 97.72 | 97.12 | 96.43 | 3.36 | 4.02 | 4.05 | 1.93 | 3.56 | 97.89 | 70 |
| V48M22T3016 | V30DA019 | V48M22T30EE | 30 | 150 | 45 | FR940 | 282B | 399 | 122 | 668 | 98.12 | 98.24 | 97.92 | 97.50 | 2.20 | 2.56 | 2.58 | 1.23 | 2.27 | 98.23 | 213 |
| V48M22T4516 | V45DA019 | V48M22T45EE | 45 | 150 | 45 | FR940 | 282B | 426 | 127 | 1295 | 98.39 | 98.14 | 97.60 | 96.99 | 2.84 | 4.13 | 4.17 | 3.02 | 2.88 | 98.40 | 146 |
| V48M22T7516 | V75DA019 | V48M22T75EE | 75 | 150 | 50 | FR942 | 282B | 581 | 204 | 1539 | 98.54 | 98.51 | 98.17 | 97.76 | 2.00 | 3.37 | 3.51 | 2.85 | 2.05 | 98.60 | 288 |
| V48M22T1216 | V12DA019 | V48M22T12EE | 112.5 | 150 | 50 | FR943 | 282B | 964 | 275 | 2247 | 98.69 | 98.62 | 98.27 | 97.85 | 1.85 | 3.90 | 4.3 | 3.81 | 2.00 | 98.74 | 298 |
| V48M22T4916 | V49DA019 | V48M22T49EE | 150 | 150 | 50 | FR943 | 282B | 1275 | | | | | | | | | 3.28 | | | 98.83 | |
| V48M22T2216 | V22DA019 | V48M22T22EE | 225 | 150 | 55 | FR944 | 282B | 1618 | | | | | | | | | 4.64 | | | 98.94 | |
| V48M22T3316 | V33DA019 | V48M22T33EE | 300 | 150 | 55 | FR945 | 282B | 2228 | | | | | | | | | 4.84 | | | 99.02 | |

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| 3-Phase 208V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | |
| V29M47T1516 | V15DA013 | V29M47T15EE | 15 | 150 | 45 | FR939 | E0342B | 225 | | | | | | | | | 4.28 | | | 97.89 | |
| V29M47T3016 | V30DA102 | V29M47T30EE | 30 | 150 | 45 | FR940 | E0342B | 402 | 126 | 749 | 97.79 | 98.15 | 97.94 | 97.88 | 1.80 | 2.10 | 2.55 | 1.16 | 2.08 | 98.23 | 153 |
| V29M47T4516 | V45DA013 | V29M47T45EE | 45 | 150 | 45 | FR940 | E0342B | 436 | 127 | 1262 | 98.40 | 98.17 | 97.64 | 97.05 | 2.68 | 4.13 | 4.19 | 3.11 | 2.81 | 98.40 | 339 |
| V29M47T7516 | V75DA013 | V29M47T75EE | 75 | 150 | 50 | FR942 | E0342B | 623 | 204 | 1690 | 98.49 | 98.41 | 98.03 | 97.56 | 2.13 | 4.38 | 4.66 | 3.94 | 2.49 | 98.60 | 655 |
| V29R47T1216 | V12DA107 | V29R47T12EE | 112.5 | 150 | 50 | FR943 | E0342B | 540 | 270 | 2755 | 98.64 | 98.69 | 98.43 | 97.79 | 1.90 | 4.30 | 4.91 | 4.39 | 2.21 | 98.74 | 634 |
| V29R47T4916 | V49DA040 | V29R47T49EE | 150 | 150 | 50 | FR943 | E0351A | 1253 | | | | | | | | | 4.00 | | | 98.83 | |
| V29R47T2216 | | V29R47T22EE | 225 | 150 | 55 | | | | | | | | | | | | | | | 98.94 | |
| V29R47T3316 | | V29R47T33EE | 300 | 150 | 55 | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 240V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| V24M28T1516 | | V24M28T15EE | 15 | 150 | 45 | | | | | | | | | | | | | | | 97.89 | |
| V24M28T3016 | V30DA100 | V24M28T30EE | 30 | 150 | 45 | FR940 | 280C | 402 | 115 | 843 | 97.85 | 98.05 | 97.73 | 97.51 | 2.10 | 2.40 | 2.85 | 0.88 | 2.43 | 98.23 | 404 |
| V24M28T4516 | V45DA100 | V24M28T45EE | 45 | 150 | 45 | FR940 | 280C | 448 | 127 | 1237 | 98.37 | 98.18 | 97.67 | 97.10 | 2.69 | 3.96 | 4 | 2.91 | 2.75 | 98.40 | 146 |
| V24M28T7516 | V75DA100 | V24M28T75EE | 75 | 150 | 50 | FR942 | 280C | 622 | 172 | 1997 | 98.63 | 98.33 | 97.81 | 97.23 | 2.52 | 4.64 | 4.92 | 4.14 | 2.66 | 98.60 | 340 |
| V24M28T1216 | | V24M28T12EE | 112.5 | 150 | 50 | | | | | | | | | | | | | | | 98.74 | |
| V24M28T4916 | | V24M28T49EE | 150 | 150 | 50 | | | | | | | | | | | | | | | 98.83 | |
| V24M28T2216 | | V24M28T22EE | 225 | 150 | 55 | | | | | | | | | | | | | | | 98.94 | |
| V24M28T3316 | | V24M28T33EE | 300 | 150 | 55 | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 480V Delta-208Y/120 Electrostatically Shielded | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516ES | V15DA004 | V48M28E15EE | 15 | 150 | 45 | FR939 | 283B | 219 | 65 | 499 | 97.78 | 97.67 | 97.11 | 96.44 | 3.32 | 3.71 | 3.74 | 1.76 | 3.30 | 97.89 | 70 |
| V48M28T3016ES | V30DA004 | V48M28E30EE | 30 | 150 | 45 | FR940 | 283B | 389 | 125 | 661 | 98.09 | 98.23 | 97.92 | 97.51 | 2.15 | 2.53 | 2.54 | 1.22 | 2.23 | 98.23 | 218 |
| V48M28T4516ES | V45DA004 | V48M28E45EE | 45 | 150 | 45 | FR940 | 283B | 425 | 140 | 1159 | 98.43 | 98.26 | 97.80 | 97.26 | 2.50 | 3.60 | 3.62 | 2.56 | 2.56 | 98.40 | 165 |
| V48M28T7516ES | V75DA004 | V48M28E75EE | 75 | 150 | 50 | FR942 | 283B | 567 | 210 | 1673 | 98.41 | 98.38 | 98.01 | 97.56 | 2.11 | 3.42 | 3.55 | 2.85 | 2.12 | 98.60 | 270 |
| V48M28T1216ES | V12DA004 | V48M28E12EE | 112.5 | 150 | 50 | FR943 | 283B | 991 | 275 | 2240 | 98.68 | 98.62 | 98.27 | 97.85 | 1.87 | 3.99 | 4.43 | 3.96 | 1.99 | 98.74 | 302 |
| V48M28T4916ES | V49DA004 | V48M28E49EE | 150 | 150 | 50 | FR943 | 283B | 1267 | 350 | 2588 | 98.76 | 98.74 | 98.45 | 98.10 | 1.58 | 3.15 | 3.41 | 2.96 | 1.70 | 98.83 | 516 |
| V48M28T2216ES | V22DA004 | V48M28E22EE | 225 | 150 | 55 | FR944 | 283B | 1571 | 489 | 3289 | 98.78 | 98.85 | 98.63 | 98.35 | 1.36 | 3.51 | 4.20 | 3.96 | 1.39 | 98.94 | 721 |
| V48M28T3316ES | V33DA004 | V48M28E33EE | 300 | 150 | 55 | FR945 | 283B | 2097 | 640 | 4838 | 98.98 | 98.89 | 98.60 | 98.26 | 1.36 | 4.07 | 4.87 | 4.60 | 1.61 | 99.02 | 731 |
| V48M28F1516ES | V15DA005 | V48M28F15EEES | 15 | 115 | 45 | FR939 | 283B | 225 | 65 | 454 | 97.91 | 97.85 | 97.34 | 96.74 | 3.02 | 3.56 | 3.56 | 1.87 | 3.03 | 97.89 | 70 |
| V48M28F3016ES | V30DA005 | V48M28F30EEES | 30 | 115 | 45 | FR940 | 283B | 413 | 122 | 651 | 98.00 | 98.20 | 97.92 | 97.52 | 2.08 | 3.09 | 3.11 | 2.23 | 2.17 | 98.23 | 196 |
| V48M28F4516ES | V45DA005 | V48M28F45EEES | 45 | 115 | 45 | FR940 | 283B | 462 | 140 | 1068 | 98.45 | 98.35 | 97.94 | 97.45 | 2.32 | 3.85 | 4.0 | 3.22 | 2.37 | 98.40 | 146 |
| V48M28F7516ES | V75DA005 | V48M28F75EEES | 75 | 115 | 50 | FR942 | 283B | 593 | 210 | 1574 | 98.47 | 98.46 | 98.12 | 97.70 | 1.96 | 3.63 | 3.85 | 3.23 | 2.10 | 98.60 | 244 |
| V48M28F1216ES | V12DA005 | V48M28F12EEES | 112.5 | 115 | 50 | FR943 | 283B | 982 | 260 | 2266 | 98.70 | 98.62 | 98.26 | 97.84 | 1.92 | 4.16 | 4.67 | 4.21 | 2.01 | 98.74 | 265 |
| V48M28F4916ES | V49DA005 | V48M28F49EEES | 150 | 115 | 50 | FR943 | 283B | 1253 | 350 | 2627 | 98.77 | 98.74 | 98.44 | 98.08 | 1.55 | 3.73 | 4.22 | 3.84 | 1.75 | 98.83 | 447 |
| V48M28F2216ES | V22DA005 | V48M28F22EEES | 225 | 115 | 55 | FR944 | 283B | 1607 | 489 | 3092 | 98.80 | 98.89 | 98.70 | 98.43 | 1.26 | 3.89 | 4.90 | 4.73 | 1.28 | 98.94 | 610 |
| V48M28F3316ES | V33DA005 | V48M28F33EEES | 300 | 115 | 55 | FR945 | 283B | 2193 | 592 | 3874 | 98.90 | 98.97 | 98.78 | 98.53 | 1.18 | 3.77 | 4.80 | 4.65 | 1.21 | 99.02 | 675 |
| V48M28B1516ES | V15DA006 | V48M28B15EEES | 15 | 80 | 45 | FR939 | 283B | 252 | | | | | | | | | | | | 97.89 | |
| V48M28B3016ES | V30DA006 | V48M28B30EEES | 30 | 80 | 45 | FR940 | 283B | 436 | 125 | 452 | 98.00 | 98.44 | 98.34 | 98.11 | 1.45 | 2.49 | 2.50 | 1.76 | 1.78 | 98.23 | 165 |
| V48M28B4516ES | V45DA006 | V48M28B45EEES | 45 | 80 | 50 | FR942 | 283B | 609 | 193 | 531 | 98.03 | 98.57 | 98.56 | 98.42 | 1.12 | 2.31 | 2.43 | 2.01 | 1.37 | 98.40 | 270 |
| V48M28B7516ES | V75DA006 | V48M28B75EEES | 75 | 80 | 50 | FR943 | 283B | 970 | 256 | 865 | 98.37 | 98.76 | 98.70 | 98.53 | 1.06 | 2.76 | 3.11 | 2.81 | 1.32 | 98.60 | 302 |
| V48M28B1216ES | V12DA006 | V48M28B12EEES | 112.5 | 80 | 50 | FR943 | 283B | 1220 | 350 | 1220 | 98.51 | 98.85 | 98.79 | 98.62 | 0.99 | 2.37 | 2.61 | 2.31 | 1.21 | 98.74 | 516 |
| V48M28B4916ES | V49DA006 | V48M28B49EEES | 150 | 80 | 55 | FR944 | 283B | 1571 | 489 | 1244 | 98.51 | 98.94 | 98.95 | 98.86 | 0.74 | 2.34 | 2.80 | 2.64 | 0.93 | 98.83 | 721 |
| V48M28B2216ES | V22DA006 | V48M28B22EEES | 225 | 80 | 55 | FR945 | 283B | 2157 | 592 | 1999 | 98.74 | 99.04 | 98.99 | 98.86 | 0.80 | 2.73 | 3.35 | 3.20 | 0.99 | 98.94 | 731 |
| V48M28B3316ES | | V48M28B33EEES | 300 | 80 | 55 | | | | | | | | | | | | | | | 99.02 | |

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---------------------------------------|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K4 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| H48M28T1516 | H15DA004 | H48M28T15EE | 15 | 150 | 45 | FR940 | 283B | 407 | 91 | 223 | 97.48 | 98.18 | 98.18 | 98.00 | 1.43 | 1.77 | 1.77 | 0.96 | 1.49 | 97.89 | 70 |
| H48M28T3016 | H30DA004 | H48M28T30EE | 30 | 150 | 45 | FR940 | 283B | 437 | 122 | 637 | 98.04 | 98.24 | 97.96 | 97.57 | 2.10 | 2.67 | 2.66 | 1.60 | 2.12 | 98.23 | 196 |
| H48M28T4516 | H45DA004 | H48M28T45EE | 45 | 150 | 45 | FR940 | 283B | 439 | 140 | 1175 | 98.39 | 98.23 | 97.76 | 97.22 | 2.54 | 4.07 | 4.18 | 3.26 | 2.61 | 98.40 | 146 |
| H48M28T7516 | H75DA004 | H48M28T75EE | 75 | 150 | 50 | FR942 | 283B | 599 | 210 | 1718 | 98.52 | 98.41 | 98.01 | 97.54 | 2.22 | 3.86 | 4.05 | 3.34 | 2.29 | 98.60 | 244 |
| H48M28T1216 | H12DA004 | H48M28T12EE | 112.5 | 150 | 50 | FR943 | 283B | 987 | 365 | 1468 | 98.60 | 98.82 | 98.69 | 98.45 | 1.19 | 2.73 | 3.07 | 2.78 | 1.30 | 98.74 | 265 |
| H48M28T4916 | H49DA004 | H48M28T49EE | 150 | 150 | 50 | FR943 | 283B | 1237 | 350 | 2601 | 98.65 | 98.68 | 98.41 | 98.07 | 1.63 | 3.45 | 3.93 | 3.59 | 1.60 | 98.83 | 447 |
| H48M28T2216 | H22DA004 | H48M28T22EE | 225 | 150 | 55 | FR944 | 283B | 1642 | 471 | 3473 | 98.88 | 98.87 | 98.61 | 98.30 | 1.37 | 4.38 | 5.43 | 5.21 | 1.54 | 98.94 | 610 |
| H48M28T3316 | H33DA004 | H48M28T33EE | 300 | 150 | 55 | FR945 | 283B | 2394 | 600 | 4469 | 98.99 | 98.94 | 98.68 | 98.38 | 1.31 | 4.07 | 4.99 | 4.76 | 1.49 | 99.02 | 675 |
| H48M28F1516 | H15DA005 | H48M28F15EE | 15 | 115 | 45 | FR940 | 283B | 402 | 91 | 294 | 97.48 | 98.24 | 98.27 | 98.13 | 1.57 | 1.70 | 1.7 | 1.03 | 1.35 | 97.89 | 136 |
| H48M28F3016 | H30DA005 | H48M28F30EE | 30 | 115 | 45 | FR940 | 283B | 415 | 122 | 562 | 98.09 | 98.35 | 98.14 | 97.81 | 1.85 | 2.39 | 2.38 | 1.47 | 1.87 | 98.23 | 196 |
| H48M28F4516 | H45DA005 | H48M28F45EE | 45 | 115 | 45 | FR942 | 283B | 619 | 193 | 577 | 98.16 | 98.60 | 98.54 | 98.36 | 1.23 | 2.21 | 2.34 | 1.96 | 1.28 | 98.40 | 244 |
| H48M28F7516 | H75DA005 | H48M28F75EE | 75 | 115 | 50 | FR943 | 283B | 984 | 260 | 1083 | 98.49 | 98.71 | 98.55 | 98.29 | 1.30 | 2.92 | 3.25 | 2.91 | 1.44 | 98.60 | 265 |
| H48M28F1216 | H12DA005 | H48M28F12EE | 112.5 | 115 | 50 | FR943 | 283B | 1236 | 365 | 1322 | 98.62 | 98.88 | 98.78 | 98.57 | 1.07 | 2.60 | 2.98 | 2.74 | 1.18 | 98.74 | 447 |
| H48M28F4916 | H49DA005 | H48M28F49EE | 150 | 115 | 55 | FR944 | 283B | 1607 | 489 | 1374 | 98.49 | 98.90 | 98.89 | 98.77 | 0.84 | 2.59 | 3.27 | 3.15 | 0.86 | 98.83 | 610 |
| H48M28F2216 | H22DA005 | H48M28F22EE | 225 | 115 | 55 | FR945 | 283B | 2353 | 542 | 2597 | 98.82 | 98.98 | 98.85 | 98.64 | 0.95 | 3.04 | 3.68 | 3.49 | 1.15 | 98.94 | 675 |
| H48M28F3316 | H33DA005 | H48M28F33EE | 300 | 115 | 55 | FR945 | 283B | 2198 | 582 | 4188 | 98.88 | 99.00 | 98.84 | 98.61 | 3.16 | 3.59 | 3.73 | 3.53 | 1.20 | 99.02 | 1027 |
| H48M28B1516 | H15DA032 | H48M28B15EE | 15 | 80 | 45 | FR939 | 283B | 254 | 65 | 543 | 97.71 | 97.69 | 97.17 | 96.55 | 3.57 | 3.66 | 3.67 | 1.82 | 3.19 | 97.89 | 58 |
| H48M28B3016 | H30DA006 | H48M28B30EE | 30 | 80 | 45 | FR940 | 283B | 438 | 125 | 467 | 97.99 | 98.41 | 98.31 | 98.06 | 1.50 | 2.73 | 2.84 | 2.29 | 1.68 | 98.23 | 146 |
| H48M28B4516 | H45DA006 | H48M28B45EE | 45 | 80 | 45 | FR942 | 283B | 619 | 180 | 536 | 98.29 | 98.70 | 98.64 | 98.47 | 1.13 | 2.19 | 2.36 | 2.04 | 1.19 | 98.40 | 244 |
| H48M28B7516 | H75DA006 | H48M28B75EE | 75 | 80 | 50 | FR943 | 283B | 1027 | 260 | 899 | 98.49 | 98.80 | 98.70 | 98.51 | 1.09 | 2.74 | 3.18 | 2.95 | 1.20 | 98.60 | 265 |
| H48M28B1216 | H12DA006 | H48M28B12EE | 112.5 | 80 | 50 | FR944 | 283B | 1643 | 444 | 769 | 98.50 | 99.00 | 99.06 | 98.99 | 0.56 | 2.09 | 2.64 | 2.55 | 0.68 | 98.74 | 610 |
| H48M28B4916 | H49DA006 | H48M28B49EE | 150 | 80 | 55 | FR944 | 283B | 1607 | 489 | 1264 | 98.51 | 98.94 | 98.94 | 98.84 | 0.76 | 2.59 | 3.27 | 3.15 | 0.86 | 98.83 | 611 |
| H48M28B2216 | H22DA006 | H48M28B22EE | 225 | 80 | 60 | FR924 | 283B | 2680 | 621 | 2405 | 98.78 | 99.09 | 99.07 | 98.96 | 3.01 | 3.48 | 3.67 | 3.58 | 0.79 | 98.94 | 757 |

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|--|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K13 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| N48M28T1516 | N15DA004 | N48M28T15EE | 15 | 150 | 45 | FR940 | 283B | 406 | 91 | 221 | 97.43 | 98.17 | 98.18 | 98.00 | 1.40 | 1.68 | 1.68 | 0.84 | 1.45 | 97.89 | 70 |
| N48M28T3016 | N30DA004 | N48M28T30EE | 30 | 150 | 45 | FR940 | 283B | 395 | 122 | 649 | 98.01 | 98.21 | 97.92 | 97.53 | 2.13 | 2.46 | 2.47 | 1.23 | 2.14 | 98.23 | 196 |
| N48M28T4516 | N45DA004 | N48M28T45EE | 45 | 150 | 48 | FR942 | 283B | 594 | 193 | 624 | 98.12 | 98.55 | 98.46 | 98.25 | 1.33 | 2.30 | 2.40 | 1.96 | 1.39 | 98.40 | 244 |
| N48M28T7516 | N75DA004 | N48M28T75EE | 75 | 150 | 53 | FR943 | 283B | 1012 | 256 | 1089 | 98.50 | 98.71 | 98.55 | 98.29 | 1.39 | 3.09 | 3.5 | 3.18 | 1.45 | 98.60 | 265 |
| N48M28T1216 | N12DA004 | N48M28T12EE | 112.5 | 150 | 53 | FR943 | 283B | 1297 | 365 | 1501 | 98.60 | 98.81 | 98.67 | 98.42 | 1.21 | 2.81 | 3.18 | 2.89 | 1.33 | 98.74 | 447 |
| N48M28T4916 | N49DA004 | N48M28T49EE | 150 | 150 | 53 | FR944 | 283B | 1425 | 415 | 1654 | 98.78 | 98.98 | 98.87 | 98.68 | 0.91 | 2.98 | 3.64 | 3.47 | 1.10 | 98.83 | 610 |
| N48M28T2216 | N22DA004 | N48M28T22EE | 225 | 150 | 58 | FR945 | 283B | 2341 | 600 | 2472 | 98.86 | 99.02 | 98.89 | 98.70 | 0.97 | 3.05 | 3.75 | 3.59 | 1.10 | 98.94 | 675 |
| N48M28F1516 | N15DA005 | N48M28F15EE | 15 | 115 | 45 | FR940 | 283B | 412 | 91 | 290 | 97.58 | 98.29 | 98.32 | 98.17 | 1.50 | 1.61 | 1.61 | 0.91 | 1.33 | 97.89 | 136 |
| N48M28F3016 | N30DA005 | N48M28F30EE | 30 | 115 | 45 | FR940 | 283B | 437 | 140 | 504 | 98.08 | 98.41 | 98.26 | 97.98 | 1.65 | 2.84 | 2.98 | 2.46 | 1.68 | 98.23 | 196 |
| N48M28F4516 | N45DA005 | N48M28F45EE | 45 | 115 | 48 | FR942 | 283B | 619 | 193 | 577 | 98.24 | 98.65 | 98.57 | 98.38 | 1.23 | 2.18 | 2.29 | 1.90 | 1.28 | 98.40 | 244 |
| N48M28F7516 | N75DA005 | N48M28F75EE | 75 | 115 | 53 | FR943 | 283B | 977 | 260 | 988 | 98.48 | 98.75 | 98.63 | 98.40 | 1.17 | 2.76 | 3.11 | 2.82 | 1.32 | 98.60 | 265 |
| N48M28F1216 | N12DA005 | N48M28F12EE | 112.5 | 115 | 53 | FR944 | 283B | 1547 | 495 | 848 | 98.41 | 98.93 | 98.98 | 98.91 | 0.62 | 2.18 | 2.71 | 2.60 | 0.75 | 98.74 | 610 |
| N48M28F4916 | N49DA005 | N48M28F49EE | 150 | 115 | 53 | FR944 | 283B | 1682 | 380 | 1422 | 98.80 | 99.05 | 98.98 | 98.82 | 0.83 | 2.88 | 3.64 | 3.51 | 0.95 | 98.83 | 610 |
| N48M28F2216 | N22DA005 | N48M28F22EE | 225 | 115 | 58 | FR924 | 283B | 1927 | | | | | | | | | | | | 98.94 | |
| N48M28B1516 | | N48M28B15EE | 15 | 80 | 45 | FR940 | 283B | | | | | | | | | | | | | 97.89 | |
| N48M28B3016 | N30DA006 | N48M28B30EE | 30 | 80 | 53 | FR942 | 283B | 612 | 193 | 241 | 97.30 | 98.34 | 98.56 | 98.57 | 0.76 | 1.63 | 1.78 | 1.56 | 0.86 | 98.23 | 244 |
| N48M28B4516 | N45DA006 | N48M28B45EE | 45 | 80 | 48 | FR943 | 283B | 927 | 221 | 333 | 97.89 | 98.67 | 98.81 | 98.78 | 0.70 | 1.60 | 1.82 | 1.66 | 0.74 | 98.40 | 244 |
| N48M28B7516 | N75DA006 | N48M28B75EE | 75 | 80 | 53 | FR943 | 283B | 1098 | 288 | 595 | 98.42 | 98.91 | 98.95 | 98.87 | 0.68 | 1.75 | 2.01 | 1.85 | 0.79 | 98.60 | 447 |
| N48M28B1216 | N12DA006 | N48M28B12EE | 112.5 | 80 | 58 | FR944 | 283B | 1607 | 489 | 711 | 98.14 | 98.83 | 98.96 | 98.94 | 0.57 | 1.94 | 2.45 | 2.36 | 0.64 | 98.74 | 610 |
| N48M28B4916 | N49DA006 | N48M28B49EE | 150 | 80 | 58 | FR945 | 283B | 2193 | 592 | 891 | 98.30 | 98.93 | 99.04 | 99.02 | 0.53 | 1.89 | 2.40 | 2.32 | 0.60 | 98.83 | 675 |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516CU | V15DC001 | V48M28T15CU EE | 15 | 150 | 45 | FR939 | 280B | 250 | 75 | 391 | 97.71 | 97.89 | 97.54 | 97.06 | 2.60 | 2.83 | 2.88 | 1.23 | 2.60 | 97.89 | 109 |
| V48M28T3016CU | V30DC001 | V48M28T30CU EE | 30 | 150 | 45 | FR940 | 280B | 415 | 116 | 703 | 98.06 | 98.17 | 97.83 | 97.38 | 2.25 | 2.50 | 2.56 | 1.03 | 2.34 | 98.23 | 262 |
| V48M28T4516CU | V45DC001 | V48M28T45CU EE | 45 | 150 | 45 | FR940 | 280B | 478 | 123 | 1176 | 98.43 | 98.25 | 97.78 | 97.23 | 2.57 | 3.45 | 3.44 | 2.24 | 2.61 | 98.4 | 181 |
| V48M28T7516CU | V75DC001 | V48M28T75CU EE | 75 | 150 | 50 | FR942 | 280B | 676 | 210 | 1730 | 98.54 | 98.42 | 98.01 | 97.53 | 2.23 | 3.20 | 3.21 | 2.23 | 2.31 | 98.6 | 399 |
| V48M28T1216CU | V12DC001 | V48M28T12CU EE | 112.5 | 150 | 50 | FR943 | 280B | 1263 | 270 | 2202 | 98.74 | 98.65 | 98.31 | 97.90 | 1.81 | 3.42 | 3.63 | 3.06 | 1.96 | 98.74 | 351 |
| V48M28T4916CU | V49DC001 | V48M28T49CU EE | 150 | 150 | 50 | FR943 | 280B | 1410 | 360 | 2501 | 98.78 | 98.77 | 98.50 | 98.16 | 1.56 | 3.12 | 3.39 | 2.95 | 1.67 | 98.83 | 597 |
| V48M28T2216CU | V22DC001 | V48M28T22CU EE | 225 | 150 | 55 | FR944 | 280B | 1883 | 420 | 4395 | 98.88 | 98.72 | 98.35 | 97.93 | 1.78 | 4.44 | 5.14 | 4.75 | 1.95 | 98.94 | 540 |
| V48M28T3316CU | V33DC001 | V48M28T33CU EE | 300 | 150 | 55 | FR945 | 280B | 2485 | 507 | 4932 | 98.93 | 98.85 | 98.56 | 98.22 | 1.50 | 3.66 | 4.21 | 3.88 | 1.64 | 99.02 | 858 |
| V48M28F1516CU | V15DC002 | V48M28F15CU EE | 15 | 115 | 45 | FR939 | 280B | 241 | 75 | 368 | 97.71 | 97.95 | 97.64 | 97.19 | 2.44 | 2.76 | 2.77 | 1.37 | 2.41 | 97.89 | 109 |
| V48M28F3016CU | V30DC002 | V48M28F30CU EE | 30 | 115 | 45 | FR940 | 280B | 433 | 116 | 634 | 98.09 | 98.26 | 97.98 | 97.59 | 2.01 | 2.24 | 2.30 | 0.90 | 2.12 | 98.23 | 235 |
| V48M28F4516CU | V45DC002 | V48M28F45CU EE | 45 | 115 | 45 | FR940 | 280B | 471 | 123 | 1112 | 98.43 | 98.30 | 97.87 | 97.36 | 2.42 | 3.45 | 3.46 | 2.42 | 2.47 | 98.4 | 170 |
| V48M28F7516CU | V75DC002 | V48M28F75CU EE | 75 | 115 | 50 | FR942 | 280B | 665 | 214 | 1531 | 98.50 | 98.50 | 98.17 | 97.76 | 1.98 | 2.95 | 2.97 | 2.10 | 2.10 | 98.6 | 378 |
| V48M28F1216CU | V12DC002 | V48M28F12CU EE | 112.5 | 115 | 50 | FR943 | 280B | 1271 | 270 | 2057 | 98.70 | 98.69 | 98.38 | 98.00 | 1.72 | 3.62 | 4.00 | 3.56 | 1.83 | 98.74 | 307 |
| V48M28F4916CU | V49DC002 | V48M28F49CU EE | 150 | 115 | 50 | FR943 | 280B | 1422 | 360 | 1796 | 98.90 | 99.00 | 98.84 | 98.62 | 0.59 | 2.99 | 3.56 | 3.35 | 1.20 | 98.83 | 546 |
| V48M28F2216CU | V22DC002 | V48M28F22CU EE | 225 | 115 | 55 | FR944 | 280B | 2082 | 420 | 4147 | 98.90 | 98.77 | 98.43 | 98.03 | 1.64 | 4.55 | 5.41 | 5.09 | 1.84 | 98.94 | 455 |
| V48M28F3316CU | V33DC002 | V48M28F33CU EE | 300 | 115 | 55 | FR945 | 280B | 2568 | 570 | 4846 | 98.93 | 98.87 | 98.58 | 98.25 | 1.41 | 4.03 | 4.80 | 4.52 | 1.62 | 99.02 | 707 |
| V48M28B1516CU | V15DC003 | V48M28B15CU EE | 15 | 80 | 45 | FR939 | 280B | 239 | 75 | 365 | 97.94 | 98.08 | 97.73 | 97.27 | 2.42 | 2.97 | 2.96 | 1.69 | 2.43 | 97.89 | 92 |
| V48M28B3016CU | V30DC003 | V48M28B30CU EE | 30 | 80 | 45 | FR940 | 280B | 466 | 118 | 432 | 98.27 | 98.60 | 98.48 | 98.24 | 1.41 | 2.05 | 2.06 | 1.47 | 1.45 | 98.23 | 181 |
| V48M28B4516CU | V45DC003 | V48M28B45CU EE | 45 | 80 | 45 | FR942 | 280B | 667 | 210 | 570 | 98.35 | 98.70 | 98.62 | 98.42 | 1.15 | 1.91 | 1.95 | 1.48 | 1.27 | 98.4 | 399 |
| V48M28B7516CU | V75DC003 | V48M28B75CU EE | 75 | 80 | 50 | FR943 | 280B | 1147 | 270 | 892 | 98.47 | 98.79 | 98.71 | 98.52 | 1.06 | 2.41 | 2.68 | 2.40 | 1.19 | 98.6 | 351 |
| V48M28B1216CU | V12DC003 | V48M28B12CU EE | 112.5 | 80 | 50 | FR943 | 280B | 1385 | 360 | 1271 | 98.66 | 98.92 | 98.82 | 98.62 | 1.08 | 2.38 | 2.69 | 2.44 | 1.13 | 98.74 | 597 |
| V48M28B4916CU | V49DC003 | V48M28B49CU EE | 150 | 80 | 50 | FR944 | 280B | 1895 | 420 | 1867 | 98.74 | 98.91 | 98.76 | 98.54 | 0.96 | 2.96 | 3.48 | 3.25 | 1.24 | 98.83 | 540 |
| V48M28B2216CU | V22DC003 | V48M28B22CU EE | 225 | 80 | 55 | FR945 | 280B | 2385 | 513 | 2341 | 98.89 | 99.06 | 98.94 | 98.76 | 0.86 | 2.66 | 3.20 | 3.03 | 1.04 | 98.94 | 707 |
| 3-Phase 480V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | |
| V48M47T1516CU | | V48M47T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | 97.89 | |
| V48M47T3016CU | V30DC038 | V48M47T30CU EE | 30 | 150 | 45 | FR940 | 280B | 431 | 116 | 522 | 98.32 | 98.52 | 98.30 | 97.98 | 1.32 | 2.41 | 2.42 | 1.68 | 1.74 | 98.23 | |
| V48M47T4516CU | V45DC007 | V48M47T45CU EE | 45 | 150 | 45 | FR940 | 280B | 457 | 123 | 1239 | 98.50 | 98.24 | 97.71 | 97.12 | 2.75 | 3.77 | 3.77 | 2.57 | 2.75 | 98.4 | 161 |
| V48M47T7516CU | V75DC007 | V48M47T75CU EE | 75 | 150 | 50 | FR942 | 280B | 673 | 214 | 1514 | 98.50 | 98.51 | 98.18 | 97.78 | 1.99 | 2.83 | 2.84 | 2.00 | 2.02 | 98.6 | 453 |
| V48M47T1216CU | V12DC007 | V48M47T12CU EE | 112.5 | 150 | 50 | FR943 | 280B | 1110 | 270 | 2001 | 98.70 | 98.70 | 98.41 | 98.05 | 1.73 | 3.25 | 3.5 | 3.01 | 1.78 | 98.74 | |
| V48M47T4916CU | | V48M47T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | 98.83 | |
| V48M47T2216CU | | V48M47T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | 98.94 | |
| V48M47T3316CU | | V48M47T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 480V Delta-240V Delta with 120V lighting tap | | | | | | | | | | | | | | | | | | | | | |
| V48M22T1516CU | | V48M22T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | 97.89 | |
| V48M22T3016CU | | V48M22T30CU EE | 30 | 150 | | | | | | | | | | | | | | | | 98.23 | |
| V48M22T4516CU | V45DC019 | V48M22T45CU EE | 45 | 150 | 45 | FR940 | 282B | 475 | 123 | 1131 | 98.44 | 98.30 | 97.84 | 97.32 | 2.48 | 3.43 | 3.43 | 2.34 | 2.51 | 98.4 | |
| V48M22T7516CU | V75DC019 | V48M22T75CU EE | 75 | 150 | 50 | FR942 | 282B | 691 | 206 | 1584 | 98.51 | 98.48 | 98.12 | 97.70 | 2.05 | 2.89 | 2.89 | 1.97 | 2.11 | 98.6 | 404 |
| V48M22T1216CU | | V48M22T12CU EE | 112.5 | 150 | | | | | | | | | | | | | | | | 98.74 | |
| V48M22T4916CU | | V48M22T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | 98.83 | |
| V48M22T2216CU | | V48M22T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | 98.94 | |
| V48M22T3316CU | | V48M22T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | 99.02 | |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|-----|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) | |
| 3-Phase 208V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | | |
| V29M47T1516CU | | V29M47T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | | 97.89 | |
| V29M47T3016CU | | V29M47T30CU EE | 30 | 150 | | | | | | | | | | | | | | | | | 98.23 | |
| V29M47T4516CU | | V29M47T45CU EE | 45 | 150 | | | | | | | | | | | | | | | | | 98.4 | |
| V29M47T7516CU | | V29M47T75CU EE | 75 | 150 | | | | | | | | | | | | | | | | | 98.6 | |
| V29R47T1216CU | V12DC036 | V29R47T12CU EE | 112.5 | 150 | 50 | FR943 | E0351A | 1283 | 260 | 2283 | 98.80 | 98.66 | 98.28 | 97.85 | 1.83 | 3.68 | 3.95 | 3.39 | 2.03 | | 98.74 | |
| V29R47T4916CU | | V29R47T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | | 98.83 | |
| V29R47T2216CU | | V29R47T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | | 98.94 | |
| V29R47T3316CU | | V29R47T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 240V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | | |
| V24M28T1516CU | | V24M28T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | | 97.89 | |
| V24M28T3016CU | | V24M28T30CU EE | 30 | 150 | | | | | | | | | | | | | | | | | 98.23 | |
| V24M28T4516CU | | V24M28T45CU EE | 45 | 150 | | | | | | | | | | | | | | | | | 98.4 | |
| V24M28T7516CU | | V24M28T75CU EE | 75 | 150 | | | | | | | | | | | | | | | | | 98.6 | |
| V24M28T1216CU | | V24M28T12CU EE | 112.5 | 150 | | | | | | | | | | | | | | | | | 98.74 | |
| V24M28T4916CU | | V24M28T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | | 98.83 | |
| V24M28T2216CU | | V24M28T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | | 98.94 | |
| V24M28T3316CU | | V24M28T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 480V Delta-208Y/120 Electrostatically Shielded | | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516CUES | V15DC004 | V48M28E15CU EE | 15 | 150 | 45 | FR939 | 283B | 236 | 75 | 414 | 97.86 | 97.91 | 97.50 | 96.96 | 2.73 | 3.13 | 3.15 | 1.52 | 2.76 | | 97.89 | 109 |
| V48M28T3016CUES | V30DC004 | V48M28E30CU EE | 30 | 150 | 45 | FR940 | 283B | 415 | 116 | 529 | 98.12 | 98.41 | 98.22 | 97.91 | 1.73 | 2.41 | 2.41 | 1.64 | 1.76 | | 98.23 | 262 |
| V48M28T4516CUES | V45DC004 | V48M28E45CU EE | 45 | 150 | 45 | FR940 | 283B | 473 | 118 | 1271 | 98.28 | 98.10 | 97.59 | 97.01 | 2.75 | 3.80 | 3.80 | 2.60 | 2.77 | | 98.4 | 181 |
| V48M28T7516CUES | V75DC004 | V48M28E75CU EE | 75 | 150 | 50 | FR942 | 283B | 675 | 206 | 1615 | 98.39 | 98.40 | 98.06 | 97.63 | 2.07 | 2.84 | 2.84 | 1.94 | 2.08 | | 98.6 | 399 |
| V48M28T1216CUES | V12DC004 | V48M28E12CU EE | 112.5 | 150 | 50 | FR943 | 283B | 1085 | 251 | 2223 | 98.63 | 98.59 | 98.25 | 97.85 | 1.87 | 3.38 | 3.63 | 3.11 | 1.88 | | 98.74 | 351 |
| V48M28T4916CUES | V49DC004 | V48M28E49CU EE | 150 | 150 | 50 | FR943 | 283B | 1328 | 350 | 2351 | 98.69 | 98.77 | 98.54 | 98.23 | 1.47 | 2.77 | 3.02 | 2.64 | 1.46 | | 98.83 | 597 |
| V48M28T2216CUES | V22DC004 | V48M28E22CU EE | 225 | 150 | 55 | FR944 | 283B | 1938 | 420 | 4369 | 98.90 | 98.73 | 98.36 | 97.95 | 1.75 | 4.58 | 5.37 | 5.01 | 1.94 | | 98.94 | 540 |
| V48M28T3316CUES | V33DC004 | V48M28E33CU EE | 300 | 150 | 55 | FR945 | 283B | 2354 | 561 | 4491 | 98.89 | 98.89 | 98.65 | 98.34 | 1.39 | 3.04 | 3.48 | 3.19 | 1.38 | | 99.02 | 858 |
| V48M28F1516CUES | V15DC005 | V48M28F15CU EEE | 15 | 115 | 45 | FR939 | 283B | 238 | 75 | 368 | 97.83 | 98.01 | 97.68 | 97.23 | 2.44 | 2.90 | 2.90 | 1.54 | 2.46 | | 97.89 | 109 |
| V48M28F3016CUES | V30DC005 | V48M28F30CU EEE | 30 | 115 | 45 | FR940 | 283B | 428 | 116 | 642 | 98.06 | 98.24 | 97.96 | 97.56 | 2.06 | 2.36 | 2.39 | 1.07 | 2.14 | | 98.23 | 235 |
| V48M28F4516CUES | V45DC005 | V48M28F45CU EEE | 45 | 115 | 45 | FR940 | 283B | 480 | 123 | 1135 | 98.44 | 98.29 | 97.84 | 97.31 | 2.51 | 3.51 | 3.52 | 2.45 | 2.52 | | 98.4 | 170 |
| V48M28F7516CUES | V75DC005 | V48M28F75CU EEE | 75 | 115 | 50 | FR942 | 283B | 668 | 214 | 1600 | 98.54 | 98.48 | 98.12 | 97.68 | 2.01 | 3.03 | 3.05 | 2.18 | 2.13 | | 98.6 | 378 |
| V48M28F1216CUES | V12DC005 | V48M28F12CU EEE | 112.5 | 115 | 50 | FR943 | 283B | 1282 | 270 | 2110 | 98.77 | 98.70 | 98.37 | 97.98 | 1.71 | 3.76 | 4.17 | 3.72 | 1.88 | | 98.74 | 307 |
| V48M28F4916CUES | V49DC005 | V48M28F49CU EEE | 150 | 115 | 50 | FR943 | 283B | 1337 | 350 | 2234 | 98.71 | 98.80 | 98.59 | 98.31 | 1.38 | 2.94 | 3.34 | 3.05 | 1.37 | | 98.83 | 546 |
| V48M28F2216CUES | V22DC005 | V48M28F22CU EEE | 225 | 115 | 55 | FR944 | 283B | 1857 | 418 | 3811 | 98.85 | 98.80 | 98.50 | 98.16 | 1.55 | 4.15 | 5.03 | 4.78 | 1.58 | | 98.94 | 455 |
| V48M28F3316CUES | V33DC005 | V48M28F33CU EEE | 300 | 115 | 55 | FR945 | 283B | 2478 | 561 | 4198 | 98.91 | 98.94 | 98.72 | 98.44 | 1.28 | 3.41 | 4.14 | 3.94 | 1.29 | | 99.02 | 707 |
| V48M28B1516CUES | V15DC006 | V48M28B15CU EEE | 15 | 80 | 45 | FR939 | 283B | 249 | 75 | 366 | 97.99 | 98.09 | 97.73 | 97.27 | 2.43 | 3.02 | 3.01 | 1.76 | 2.44 | | 97.89 | 108 |
| V48M28B3016CUES | V30DC006 | V48M28B30CU EEE | 30 | 80 | 45 | FR940 | 283B | 459 | 118 | 433 | 98.28 | 98.61 | 98.48 | 98.24 | 1.41 | 2.05 | 2.06 | 1.47 | 1.44 | | 98.23 | 181 |
| V48M28B4516CUES | V45DC006 | V48M28B45CU EEE | 45 | 80 | 50 | FR942 | 283B | 675 | 206 | 489 | 97.94 | 98.56 | 98.59 | 98.48 | 1.03 | 1.70 | 1.70 | 1.16 | 1.25 | | 98.4 | 399 |
| V48M28B7516CUES | V75DC006 | V48M28B75CU EEE | 75 | 80 | 50 | FR943 | 283B | 1163 | 270 | 892 | 98.57 | 98.84 | 98.74 | 98.54 | 1.06 | 2.43 | 2.71 | 2.44 | 1.19 | | 98.6 | 351 |
| V48M28B1216CUES | V12DC006 | V48M28B12CU EEE | 112.5 | 80 | 50 | FR943 | 283B | 1328 | 350 | 1125 | 98.53 | 98.89 | 98.85 | 98.71 | 0.91 | 2.08 | 2.27 | 1.98 | 1.09 | | 98.74 | 597 |
| V48M28B4916CUES | V49DC006 | V48M28B49CU EEE | 150 | 80 | 50 | FR944 | 283B | 2092 | 420 | 1794 | 98.75 | 98.93 | 98.80 | 98.58 | 0.97 | 3.39 | 4.20 | 4.03 | 1.20 | | 98.83 | 540 |
| V48M28B2216CUES | V22DC006 | V48M28B22CU EEE | 225 | 80 | 55 | FR945 | 283B | 2478 | 561 | 2178 | 98.78 | 99.03 | 98.95 | 98.80 | 0.87 | 2.56 | 3.11 | 2.95 | 0.96 | | 98.94 | 707 |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---------------------------------------|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K4 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| H48M28T1516CU | H15DC004 | H48M28T15CU EE | 15 | 150 | 45 | FR940 | 283B | 418 | 86 | 264 | 97.55 | 98.12 | 98.03 | 97.78 | 1.74 | 1.85 | 1.9 | 0.72 | 1.76 | 97.89 | 154 |
| H48M28T3016CU | H30DC004 | H48M28T30CU EE | 30 | 150 | 45 | FR940 | 283B | 458 | 123 | 514 | 98.06 | 98.40 | 98.23 | 97.94 | 1.71 | 2.38 | 2.38 | 1.61 | 1.75 | 98.23 | 170 |
| H48M28T4516CU | H45DC004 | H48M28T45CU EE | 45 | 150 | 45 | FR942 | 283B | 677 | 190 | 651 | 98.13 | 98.53 | 98.43 | 98.20 | 1.40 | 1.91 | 1.90 | 1.23 | 1.45 | 98.4 | 378 |
| H48M28T7516CU | H75DC004 | H48M28T75CU EE | 75 | 150 | 50 | FR943 | 283B | 1274 | 270 | 793 | 98.58 | 98.90 | 98.83 | 98.67 | 0.94 | 1.91 | 2.05 | 1.76 | 1.06 | 98.6 | 307 |
| H48M28T1216CU | H12DC004 | H48M28T12CU EE | 112.5 | 150 | 50 | FR943 | 283B | 1818 | 360 | 1307 | 98.63 | 98.88 | 98.78 | 98.58 | 1.00 | 2.31 | 2.56 | 2.28 | 1.16 | 98.74 | 546 |
| H48M28T4916CU | H49DC004 | H48M28T49CU EE | 150 | 150 | 50 | FR944 | 283B | 2105 | 439 | 1955 | 98.71 | 98.87 | 98.71 | 98.48 | 1.20 | 3.32 | 3.98 | 3.76 | 1.30 | 98.83 | 455 |
| H48M28T2216CU | H22DC004 | H48M28T22CU EE | 225 | 150 | 55 | FR945 | 283B | 2674 | 570 | 2462 | 98.89 | 99.04 | 98.91 | 98.71 | 1.03 | 3.05 | 3.76 | 3.60 | 1.09 | 98.94 | 707 |
| H48M28T3316CU | H33DC004 | H48M28T33CU EE | 300 | 150 | 55 | FR945 | 283B | 2737 | 570 | 4335 | 99.02 | 98.97 | 98.72 | 98.42 | 1.30 | 4.26 | 5.2 | 4.95 | 1.58 | 99.02 | 720 |
| H48M28F1516CU | H15DC005 | H48M28F15CU EE | 15 | 115 | 45 | FR940 | 283B | 414 | 86 | 338 | 97.50 | 98.12 | 98.06 | 97.83 | 1.88 | 1.98 | 1.98 | 1.05 | 1.68 | 97.89 | 154 |
| H48M28F3016CU | H30DC005 | H48M28F30CU EE | 30 | 115 | 45 | FR940 | 283B | 417 | 123 | 515 | 98.17 | 98.44 | 98.26 | 97.97 | 1.69 | 2.31 | 2.31 | 1.55 | 1.72 | 98.23 | 170 |
| H48M28F4516CU | H45DC005 | H48M28F45CU EE | 45 | 115 | 45 | FR942 | 283B | 684 | 190 | 562 | 98.24 | 98.65 | 98.59 | 98.41 | 1.22 | 1.71 | 1.71 | 1.17 | 1.25 | 98.4 | 378 |
| H48M28F7516CU | H75DC005 | H48M28F75CU EE | 75 | 115 | 50 | FR943 | 283B | 1083 | 270 | 843 | 98.69 | 98.93 | 98.82 | 98.63 | 1.08 | 2.11 | 2.24 | 1.88 | 1.21 | 98.6 | 307 |
| H48M28F1216CU | H12DC005 | H48M28F12CU EE | 112.5 | 115 | 50 | FR943 | 283B | 1394 | 350 | 1323 | 98.60 | 98.87 | 98.77 | 98.57 | 1.04 | 2.44 | 2.74 | 2.47 | 1.18 | 98.74 | 546 |
| H48M28F4916CU | H49DC005 | H48M28F49CU EE | 150 | 115 | 55 | FR944 | 283B | 1857 | 418 | 1694 | 98.62 | 98.89 | 98.80 | 98.61 | 1.03 | 2.77 | 3.35 | 3.18 | 1.05 | 98.83 | 455 |
| H48M28F2216CU | H22DC005 | H48M28F22CU EE | 225 | 115 | 55 | FR945 | 283B | 2478 | 561 | 2361 | 98.76 | 98.99 | 98.89 | 98.72 | 0.96 | 2.56 | 3.11 | 2.95 | 0.96 | 98.94 | 707 |
| H48M28B1516CU | | H48M28B15CU EE | 15 | 80 | 45 | FR940 | 283B | | | | | | | | | | | | | 97.89 | |
| H48M28B3016CU | H30DC006 | H48M28B30CU EE | 30 | 80 | 45 | FR940 | 283B | 482 | 110 | 444 | 98.24 | 98.57 | 98.44 | 98.20 | 1.47 | 2.11 | 2.12 | 1.52 | 1.48 | 98.23 | 170 |
| H48M28B4516CU | H45DC006 | H48M28B45CU EE | 45 | 80 | 45 | FR942 | 283B | 669 | 195 | 509 | 98.07 | 98.62 | 98.61 | 98.47 | 1.08 | 1.57 | 1.57 | 1.09 | 1.13 | 98.4 | 378 |
| H48M28B7516CU | H75DC006 | H48M28B75CU EE | 75 | 80 | 50 | FR943 | 283B | 1210 | 243 | 874 | 98.54 | 98.84 | 98.74 | 98.56 | 1.07 | 2.49 | 2.83 | 2.58 | 1.17 | 98.6 | 307 |
| H48M28B1216CU | H12DC006 | H48M28B12CU EE | 112.5 | 80 | 50 | FR943 | 283B | 1287 | 360 | 1293 | 98.65 | 98.91 | 98.80 | 98.60 | 0.91 | 2.44 | 2.76 | 2.51 | 1.15 | 98.74 | 546 |
| H48M28B4916CU | H49DC006 | H48M28B49CU EE | 150 | 80 | 50 | FR944 | 283B | 2138 | 420 | 1190 | 98.85 | 99.13 | 99.09 | 98.98 | 0.44 | 2.68 | 3.47 | 3.38 | 0.79 | 98.83 | 455 |
| H48M28B2216CU | H22DC006 | H48M28B22CU EE | 225 | 80 | 55 | FR945 | 283B | 2478 | 561 | 2178 | 98.78 | 99.03 | 98.95 | 98.80 | 0.87 | 2.56 | 3.11 | 2.95 | 0.96 | 98.94 | 707 |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|--|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K13 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| N48M28T1516CU | N15DC004 | N48M28T15CU EE | 15 | 150 | 45 | FR940 | 283B | 430 | 116 | 306 | 97.53 | 98.29 | 98.34 | 98.21 | 1.41 | 1.51 | 1.51 | 0.82 | 1.27 | 97.89 | 235 |
| N48M28T3016CU | N30DC004 | N48M28T30CU EE | 30 | 150 | 45 | FR940 | 283B | 480 | 118 | 542 | 98.14 | 98.41 | 98.20 | 97.88 | 1.76 | 2.49 | 2.49 | 1.71 | 1.81 | 98.23 | 170 |
| N48M28T4516CU | N45DC004 | N48M28T45CU EE | 45 | 150 | 48 | FR942 | 283B | 658 | 190 | 619 | 98.13 | 98.55 | 98.47 | 98.27 | 1.35 | 1.83 | 1.83 | 1.21 | 1.38 | 98.4 | 378 |
| N48M28T7516CU | N75DC004 | N48M28T75CU EE | 75 | 150 | 53 | FR943 | 283B | 1115 | 245 | 1029 | 98.52 | 98.75 | 98.60 | 98.36 | 1.27 | 2.58 | 2.80 | 2.44 | 1.37 | 98.6 | 307 |
| N48M28T1216CU | N12DC004 | N48M28T12CU EE | 112.5 | 150 | 53 | FR943 | 283B | 1424 | 380 | 1135 | 98.67 | 98.97 | 98.90 | 98.74 | 0.93 | 2.94 | 3.64 | 3.49 | 1.03 | 98.74 | 546 |
| N48M28T4916CU | N49DC004 | N48M28T49CU EE | 150 | 150 | 53 | FR944 | 283B | 2132 | 418 | 1760 | 98.81 | 98.97 | 98.83 | 98.62 | 1.13 | 3.15 | 3.65 | 3.38 | 1.39 | 98.83 | 455 |
| N48M28T2216CU | N22DC004 | N48M28T22CU EE | 225 | 150 | 58 | FR945 | 283B | 2628 | 561 | 2569 | 98.83 | 98.99 | 98.86 | 98.65 | 1.02 | 3.00 | 3.64 | 3.46 | 1.14 | 98.94 | 707 |
| N48M28F1516CU | N15DC004 | N48M28F15CU EE | 15 | 115 | 45 | FR940 | 283B | 398 | 116 | 289 | 97.65 | 98.39 | 98.45 | 98.35 | 1.36 | 1.51 | 1.51 | 0.98 | 1.15 | 97.89 | 235 |
| N48M28F3016CU | N30DC005 | N48M28F30CU EE | 30 | 115 | 48 | FR940 | 283B | 478 | 123 | 485 | 98.40 | 98.60 | 98.41 | 98.11 | 1.59 | 2.19 | 2.19 | 1.48 | 1.62 | 98.23 | 170 |
| N48M28F4516CU | N45DC005 | N48M28F45CU EE | 45 | 115 | 53 | FR942 | 283B | 658 | 190 | 581 | 98.20 | 98.62 | 98.55 | 98.36 | 1.25 | 1.81 | 1.82 | 1.27 | 1.30 | 98.4 | 378 |
| N48M28F7516CU | N75DC005 | N48M28F75CU EE | 75 | 115 | 53 | FR943 | 283B | 1115 | 245 | 995 | 98.48 | 98.74 | 98.62 | 98.40 | 1.18 | 2.56 | 2.81 | 2.48 | 1.33 | 98.6 | 307 |
| N48M28F1216CU | N12DC005 | N48M28F12CU EE | 112.5 | 115 | 58 | FR944 | 283B | 2150 | 337 | 1589 | 98.64 | 98.91 | 98.82 | 98.63 | 3.07 | 3.50 | 3.65 | 3.48 | 1.11 | 98.74 | 315 |
| N48M28F4916CU | N49DC005 | N48M28F49CU EE | 150 | 115 | 58 | FR944 | 283B | 2282 | 418 | 2000 | 98.72 | 98.87 | 98.70 | 98.45 | 1.16 | 4.25 | 5.43 | 5.26 | 1.33 | 98.83 | 455 |
| N48M28F2216CU | N22DC005 | N48M28F22CU EE | 225 | 115 | 58 | FR945 | 283B | 3043 | 695 | 2226 | 98.78 | 99.14 | 99.15 | 99.07 | 2.88 | 3.35 | 3.56 | 3.49 | 0.68 | 98.94 | 898 |
| N48M28B1516CU | N15DC006 | N48M28B15CU EE | 15 | 80 | 45 | FR940 | 283B | 434 | 116 | 263 | 97.66 | 98.46 | 98.57 | 98.51 | 1.08 | 1.17 | 1.17 | 0.64 | 0.98 | 97.89 | 235 |
| N48M28B3016CU | N30DC006 | N48M28B30CU EE | 30 | 80 | 48 | FR940 | 283B | 507 | 110 | 449 | 98.23 | 98.56 | 98.43 | 98.18 | 1.47 | 2.09 | 2.10 | 1.47 | 1.50 | 98.23 | 170 |
| N48M28B4516CU | N45DC006 | N48M28B45CU EE | 45 | 80 | 53 | FR942 | 283B | 678 | 206 | 496 | 97.94 | 98.55 | 98.58 | 98.46 | 1.04 | 1.69 | 1.72 | 1.27 | 1.15 | 98.4 | 378 |
| N48M28B7516CU | N75DC006 | N48M28B75CU EE | 75 | 80 | 53 | FR943 | 283B | 1490 | 290 | 717 | 98.35 | 98.82 | 98.82 | 98.70 | 0.88 | 2.23 | 2.60 | 2.42 | 0.96 | 98.6 | 307 |
| N48M28B1216CU | N12DC006 | N48M28B12CU EE | 112.5 | 80 | 53 | FR944 | 283B | 1927 | | | | | | | | | 3.94 | | | 98.74 | 315 |
| N48M28B4916CU | N49DC006 | N48M28B49CU EE | 150 | 80 | 58 | FR944 | 282B | 2132 | | | | | | | | | 3.65 | | | 98.83 | |

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516 | V15DA001 | V48M28T15EE | 15 | 150 | 45 | FR939 | 280B | 225 | 69 | 498 | 97.91 | 97.75 | 97.16 | 96.48 | 3.31 | 3.70 | 3.74 | 1.67 | 3.35 | 97.89 | 70 |
| V48M28T3016 | V30DA001 | V48M28T30EE | 30 | 150 | 45 | FR940 | 280B | 409 | 125 | 661 | 97.96 | 98.17 | 97.88 | 97.48 | 2.18 | 2.40 | 2.44 | 1.05 | 2.20 | 98.23 | 218 |
| V48M28T4516 | V45DA001 | V48M28T45EE | 45 | 150 | 45 | FR940 | 280B | 416 | 140 | 1136 | 98.32 | 98.23 | 97.80 | 97.28 | 2.48 | 3.50 | 3.51 | 2.44 | 2.52 | 98.40 | 165 |
| V48M28T7516 | V75DA001 | V48M28T75EE | 75 | 150 | 50 | FR942 | 280B | 570 | 210 | 1645 | 98.50 | 98.44 | 98.07 | 97.62 | 2.13 | 3.49 | 3.61 | 2.87 | 2.19 | 98.60 | 270 |
| V48M28T1216 | V12DA001 | V48M28T12EE | 112.5 | 150 | 50 | FR943 | 280B | 976 | 275 | 2269 | 98.69 | 98.61 | 98.26 | 97.83 | 1.83 | 3.96 | 4.37 | 3.88 | 2.02 | 98.74 | 302 |
| V48M28T4916 | V49DA001 | V48M28T49EE | 150 | 150 | 50 | FR943 | 280B | 1239 | 350 | 2604 | 98.76 | 98.74 | 98.45 | 98.10 | 1.56 | 3.20 | 3.46 | 2.99 | 1.74 | 98.83 | 516 |
| V48M28T2216 | V22DA001 | V48M28T22EE | 225 | 150 | 55 | FR944 | 280B | 1624 | 495 | 3738 | 98.85 | 98.81 | 98.53 | 98.19 | 1.40 | 3.58 | 4.29 | 4.05 | 1.41 | 98.94 | 721 |
| V48M28T3316 | V33DA001 | V48M28T33EE | 300 | 150 | 55 | FR945 | 280B | 2283 | 640 | 4764 | 98.99 | 98.91 | 98.62 | 98.29 | 1.33 | 3.79 | 4.45 | 4.16 | 1.59 | 99.02 | 731 |
| V48M28F1516 | V15DA002 | V48M28F15EE | 15 | 115 | 45 | FR939 | 280B | 231 | 65 | 451 | 97.99 | 97.89 | 97.38 | 96.77 | 2.96 | 3.54 | 3.54 | 1.87 | 3.00 | 97.89 | 70 |
| V48M28F3016 | V30DA002 | V48M28F30EE | 30 | 115 | 45 | FR940 | 280B | 399 | 122 | 552 | 98.09 | 98.36 | 98.16 | 97.83 | 1.82 | 2.22 | 2.21 | 1.23 | 1.84 | 98.23 | 196 |
| V48M28F4516 | V45DA002 | V48M28F45EE | 45 | 115 | 45 | FR940 | 280B | 429 | 140 | 1072 | 98.40 | 98.32 | 97.91 | 97.43 | 2.34 | 3.71 | 3.81 | 2.97 | 2.38 | 98.40 | 146 |
| V48M28F7516 | V75DA002 | V48M28F75EE | 75 | 115 | 50 | FR942 | 280B | 605 | 210 | 1556 | 98.56 | 98.52 | 98.17 | 97.74 | 2.01 | 3.60 | 3.82 | 3.21 | 2.08 | 98.60 | 244 |
| V48M28F1216 | V12DA002 | V48M28F12EE | 112.5 | 115 | 50 | FR943 | 280B | 982 | 260 | 2138 | 98.72 | 98.67 | 98.34 | 97.94 | 1.74 | 3.99 | 4.53 | 4.13 | 1.85 | 98.74 | 265 |
| V48M28F4916 | V49DA002 | V48M28F49EE | 150 | 115 | 50 | FR943 | 280B | 1253 | 350 | 2651 | 98.75 | 98.72 | 98.43 | 98.06 | 1.59 | 3.56 | 3.97 | 3.56 | 1.75 | 98.83 | 447 |
| V48M28F2216 | V22DA002 | V48M28F22EE | 225 | 115 | 55 | FR944 | 280B | 1633 | 495 | 3262 | 98.90 | 98.91 | 98.68 | 98.39 | 1.26 | 4.24 | 5.3 | 5.10 | 1.45 | 98.94 | 610 |
| V48M28F3316 | V33DA002 | V48M28F33EE | 300 | 115 | 55 | FR945 | 280B | 2104 | 600 | 4068 | 98.99 | 98.99 | 98.77 | 98.50 | 1.14 | 3.62 | 4.52 | 4.35 | 1.23 | 99.02 | 675 |
| V48M28B1516 | V15DA003 | V48M28B15EE | 15 | 80 | 45 | FR939 | 280B | 237 | 65 | 508 | 97.97 | 97.90 | 97.41 | 96.82 | 3.63 | 3.81 | 3.81 | 2.40 | 2.96 | 97.89 | 70 |
| V48M28B3016 | V30DA003 | V48M28B30EE | 30 | 80 | 45 | FR940 | 280B | 433 | 140 | 421 | 98.12 | 98.54 | 98.45 | 98.24 | 1.37 | 2.11 | 2.15 | 1.63 | 1.40 | 98.23 | 165 |
| V48M28B4516 | V45DA003 | V48M28B45EE | 45 | 80 | 50 | FR942 | 280B | 570 | 193 | 531 | 98.03 | 98.57 | 98.56 | 98.42 | 1.12 | 2.31 | 3.61 | 2.01 | 1.37 | 98.40 | 270 |
| V48M28B7516 | V75DA003 | V48M28B75EE | 75 | 80 | 50 | FR943 | 280B | 982 | 256 | 848 | 98.58 | 98.87 | 98.78 | 98.60 | 1.00 | 2.42 | 2.75 | 2.51 | 1.13 | 98.60 | 302 |
| V48M28B1216 | V12DA003 | V48M28B12EE | 112.5 | 80 | 50 | FR943 | 280B | 1274 | 365 | 1336 | 98.66 | 98.90 | 98.78 | 98.57 | 1.03 | 2.36 | 2.62 | 2.34 | 1.19 | 98.74 | 516 |
| V48M28B4916 | V49DA003 | V48M28B49EE | 150 | 80 | 50 | FR944 | 280B | 1628 | 373 | 1273 | 98.73 | 99.05 | 99.02 | 98.90 | 0.74 | 2.36 | 2.9 | 2.77 | 0.85 | 98.83 | 721 |
| V48M28B2216 | V22DA003 | V48M28B22EE | 225 | 80 | 55 | FR945 | 280B | 2207 | 600 | 2576 | 98.84 | 98.99 | 98.86 | 98.65 | 0.84 | 2.70 | 3.17 | 2.96 | 1.14 | 98.94 | 731 |
| V48M28B3316 | V33DA003 | V48M28B33EE | 300 | 80 | 55 | FR924 | 280B | 2283 | 565 | 3642 | 99.00 | 99.12 | 98.99 | 98.80 | 3.84 | 4.32 | 4.51 | 4.39 | 1.03 | 99.02 | 694 |
| 3-Phase 480V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | |
| V48M47T1516 | V15DA007 | V48M47T15EE | 15 | 150 | 45 | FR939 | 280B | 227 | 65 | 489 | 97.94 | 97.77 | 97.21 | 96.54 | 3.25 | 3.69 | 3.71 | 1.77 | 3.26 | 97.89 | 67 |
| V48M47T3016 | V30DA007 | V48M47T30EE | 30 | 150 | 45 | FR940 | 280B | 395 | 122 | 665 | 98.12 | 98.24 | 97.93 | 97.51 | 2.20 | 2.51 | 2.53 | 1.16 | 2.25 | 98.23 | 195 |
| V48M47T4516 | V45DA007 | V48M47T45EE | 45 | 150 | 45 | FR940 | 280B | 433 | 127 | 1110 | 98.37 | 98.28 | 97.85 | 97.35 | 2.46 | 3.56 | 3.6 | 2.62 | 2.47 | 98.40 | 162 |
| V48M47T7516 | V75DA007 | V48M47T75EE | 75 | 150 | 50 | FR942 | 280B | 576 | 204 | 1543 | 98.60 | 98.54 | 98.19 | 97.77 | 2.00 | 3.33 | 3.45 | 2.77 | 2.06 | 98.60 | 282 |
| V48M47T1216 | V12DA007 | V48M47T12EE | 112.5 | 150 | 50 | FR943 | 280B | 970 | | | | | | | | | 4.78 | | | 98.74 | |
| V48M47T4916 | V49DA007 | V48M47T49EE | 150 | 150 | 50 | FR943 | 280B | 1253 | | | | | | | | | 3.11 | | | 98.83 | |
| V48M47T2216 | V22DA008 | V48M47T22EE | 225 | 150 | 55 | FR944 | 280B | | | | | | | | | | | | | 98.94 | |
| V48M47T3316 | V33DA007 | V48M47T33EE | 300 | 150 | 55 | FR945 | 280B | 2294 | | | | | | | | | 4.49 | | | 99.02 | |
| 3-Phase 480V Delta-240V Delta with 120V lighting tap | | | | | | | | | | | | | | | | | | | | | |
| V48M22T1516 | V15DA019 | V48M22T15EE | 15 | 150 | 45 | FR939 | 282B | 231 | 63 | 508 | 97.91 | 97.72 | 97.12 | 96.43 | 3.36 | 4.02 | 4.05 | 1.93 | 3.56 | 97.89 | 70 |
| V48M22T3016 | V30DA019 | V48M22T30EE | 30 | 150 | 45 | FR940 | 282B | 399 | 122 | 668 | 98.12 | 98.24 | 97.92 | 97.50 | 2.20 | 2.56 | 2.58 | 1.23 | 2.27 | 98.23 | 213 |
| V48M22T4516 | V45DA019 | V48M22T45EE | 45 | 150 | 45 | FR940 | 282B | 426 | 127 | 1295 | 98.39 | 98.14 | 97.60 | 96.99 | 2.84 | 4.13 | 4.17 | 3.02 | 2.88 | 98.40 | 146 |
| V48M22T7516 | V75DA019 | V48M22T75EE | 75 | 150 | 50 | FR942 | 282B | 581 | 204 | 1539 | 98.54 | 98.51 | 98.17 | 97.76 | 2.00 | 3.37 | 3.51 | 2.85 | 2.05 | 98.60 | 288 |
| V48M22T1216 | V12DA019 | V48M22T12EE | 112.5 | 150 | 50 | FR943 | 282B | 964 | 275 | 2247 | 98.69 | 98.62 | 98.27 | 97.85 | 1.85 | 3.90 | 4.3 | 3.81 | 2.00 | 98.74 | 298 |
| V48M22T4916 | V49DA019 | V48M22T49EE | 150 | 150 | 50 | FR943 | 282B | 1275 | | | | | | | | | 3.28 | | | 98.83 | |
| V48M22T2216 | V22DA019 | V48M22T22EE | 225 | 150 | 55 | FR944 | 282B | 1618 | | | | | | | | | 4.64 | | | 98.94 | |
| V48M22T3316 | V33DA019 | V48M22T33EE | 300 | 150 | 55 | FR945 | 282B | 2228 | | | | | | | | | 4.84 | | | 99.02 | |

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| 3-Phase 208V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | |
| V29M47T1516 | V15DA013 | V29M47T15EE | 15 | 150 | 45 | FR939 | E0342B | 225 | | | | | | | | | 4.28 | | | 97.89 | |
| V29M47T3016 | V30DA102 | V29M47T30EE | 30 | 150 | 45 | FR940 | E0342B | 402 | 126 | 749 | 97.79 | 98.15 | 97.94 | 97.88 | 1.80 | 2.10 | 2.55 | 1.16 | 2.08 | 98.23 | 153 |
| V29M47T4516 | V45DA013 | V29M47T45EE | 45 | 150 | 45 | FR940 | E0342B | 436 | 127 | 1262 | 98.40 | 98.17 | 97.64 | 97.05 | 2.68 | 4.13 | 4.19 | 3.11 | 2.81 | 98.40 | 339 |
| V29M47T7516 | V75DA013 | V29M47T75EE | 75 | 150 | 50 | FR942 | E0342B | 623 | 204 | 1690 | 98.49 | 98.41 | 98.03 | 97.56 | 2.13 | 4.38 | 4.66 | 3.94 | 2.49 | 98.60 | 655 |
| V29R47T1216 | V12DA107 | V29R47T12EE | 112.5 | 150 | 50 | FR943 | E0342B | 540 | 270 | 2755 | 98.64 | 98.69 | 98.43 | 97.79 | 1.90 | 4.30 | 4.91 | 4.39 | 2.21 | 98.74 | 634 |
| V29R47T4916 | V49DA040 | V29R47T49EE | 150 | 150 | 50 | FR943 | E0351A | 1253 | | | | | | | | | 4.00 | | | 98.83 | |
| V29R47T2216 | | V29R47T22EE | 225 | 150 | 55 | | | | | | | | | | | | | | | 98.94 | |
| V29R47T3316 | | V29R47T33EE | 300 | 150 | 55 | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 240V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| V24M28T1516 | | V24M28T15EE | 15 | 150 | 45 | | | | | | | | | | | | | | | 97.89 | |
| V24M28T3016 | V30DA100 | V24M28T30EE | 30 | 150 | 45 | FR940 | 280C | 402 | 115 | 843 | 97.85 | 98.05 | 97.73 | 97.51 | 2.10 | 2.40 | 2.85 | 0.88 | 2.43 | 98.23 | 404 |
| V24M28T4516 | V45DA100 | V24M28T45EE | 45 | 150 | 45 | FR940 | 280C | 448 | 127 | 1237 | 98.37 | 98.18 | 97.67 | 97.10 | 2.69 | 3.96 | 4 | 2.91 | 2.75 | 98.40 | 146 |
| V24M28T7516 | V75DA100 | V24M28T75EE | 75 | 150 | 50 | FR942 | 280C | 622 | 172 | 1997 | 98.63 | 98.33 | 97.81 | 97.23 | 2.52 | 4.64 | 4.92 | 4.14 | 2.66 | 98.60 | 340 |
| V24M28T1216 | | V24M28T12EE | 112.5 | 150 | 50 | | | | | | | | | | | | | | | 98.74 | |
| V24M28T4916 | | V24M28T49EE | 150 | 150 | 50 | | | | | | | | | | | | | | | 98.83 | |
| V24M28T2216 | | V24M28T22EE | 225 | 150 | 55 | | | | | | | | | | | | | | | 98.94 | |
| V24M28T3316 | | V24M28T33EE | 300 | 150 | 55 | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 480V Delta-208Y/120 Electrostatically Shielded | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516ES | V15DA004 | V48M28E15EE | 15 | 150 | 45 | FR939 | 283B | 219 | 65 | 499 | 97.78 | 97.67 | 97.11 | 96.44 | 3.32 | 3.71 | 3.74 | 1.76 | 3.30 | 97.89 | 70 |
| V48M28T3016ES | V30DA004 | V48M28E30EE | 30 | 150 | 45 | FR940 | 283B | 389 | 125 | 661 | 98.09 | 98.23 | 97.92 | 97.51 | 2.15 | 2.53 | 2.54 | 1.22 | 2.23 | 98.23 | 218 |
| V48M28T4516ES | V45DA004 | V48M28E45EE | 45 | 150 | 45 | FR940 | 283B | 425 | 140 | 1159 | 98.43 | 98.26 | 97.80 | 97.26 | 2.50 | 3.60 | 3.62 | 2.56 | 2.56 | 98.40 | 165 |
| V48M28T7516ES | V75DA004 | V48M28E75EE | 75 | 150 | 50 | FR942 | 283B | 567 | 210 | 1673 | 98.41 | 98.38 | 98.01 | 97.56 | 2.11 | 3.42 | 3.55 | 2.85 | 2.12 | 98.60 | 270 |
| V48M28T1216ES | V12DA004 | V48M28E12EE | 112.5 | 150 | 50 | FR943 | 283B | 991 | 275 | 2240 | 98.68 | 98.62 | 98.27 | 97.85 | 1.87 | 3.99 | 4.43 | 3.96 | 1.99 | 98.74 | 302 |
| V48M28T4916ES | V49DA004 | V48M28E49EE | 150 | 150 | 50 | FR943 | 283B | 1267 | 350 | 2588 | 98.76 | 98.74 | 98.45 | 98.10 | 1.58 | 3.15 | 3.41 | 2.96 | 1.70 | 98.83 | 516 |
| V48M28T2216ES | V22DA004 | V48M28E22EE | 225 | 150 | 55 | FR944 | 283B | 1571 | 489 | 3289 | 98.78 | 98.85 | 98.63 | 98.35 | 1.36 | 3.51 | 4.20 | 3.96 | 1.39 | 98.94 | 721 |
| V48M28T3316ES | V33DA004 | V48M28E33EE | 300 | 150 | 55 | FR945 | 283B | 2097 | 640 | 4838 | 98.98 | 98.89 | 98.60 | 98.26 | 1.36 | 4.07 | 4.87 | 4.60 | 1.61 | 99.02 | 731 |
| V48M28F1516ES | V15DA005 | V48M28F15EEES | 15 | 115 | 45 | FR939 | 283B | 225 | 65 | 454 | 97.91 | 97.85 | 97.34 | 96.74 | 3.02 | 3.56 | 3.56 | 1.87 | 3.03 | 97.89 | 70 |
| V48M28F3016ES | V30DA005 | V48M28F30EEES | 30 | 115 | 45 | FR940 | 283B | 413 | 122 | 651 | 98.00 | 98.20 | 97.92 | 97.52 | 2.08 | 3.09 | 3.11 | 2.23 | 2.17 | 98.23 | 196 |
| V48M28F4516ES | V45DA005 | V48M28F45EEES | 45 | 115 | 45 | FR940 | 283B | 462 | 140 | 1068 | 98.45 | 98.35 | 97.94 | 97.45 | 2.32 | 3.85 | 4.0 | 3.22 | 2.37 | 98.40 | 146 |
| V48M28F7516ES | V75DA005 | V48M28F75EEES | 75 | 115 | 50 | FR942 | 283B | 593 | 210 | 1574 | 98.47 | 98.46 | 98.12 | 97.70 | 1.96 | 3.63 | 3.85 | 3.23 | 2.10 | 98.60 | 244 |
| V48M28F1216ES | V12DA005 | V48M28F12EEES | 112.5 | 115 | 50 | FR943 | 283B | 982 | 260 | 2266 | 98.70 | 98.62 | 98.26 | 97.84 | 1.92 | 4.16 | 4.67 | 4.21 | 2.01 | 98.74 | 265 |
| V48M28F4916ES | V49DA005 | V48M28F49EEES | 150 | 115 | 50 | FR943 | 283B | 1253 | 350 | 2627 | 98.77 | 98.74 | 98.44 | 98.08 | 1.55 | 3.73 | 4.22 | 3.84 | 1.75 | 98.83 | 447 |
| V48M28F2216ES | V22DA005 | V48M28F22EEES | 225 | 115 | 55 | FR944 | 283B | 1607 | 489 | 3092 | 98.80 | 98.89 | 98.70 | 98.43 | 1.26 | 3.89 | 4.90 | 4.73 | 1.28 | 98.94 | 610 |
| V48M28F3316ES | V33DA005 | V48M28F33EEES | 300 | 115 | 55 | FR945 | 283B | 2193 | 592 | 3874 | 98.90 | 98.97 | 98.78 | 98.53 | 1.18 | 3.77 | 4.80 | 4.65 | 1.21 | 99.02 | 675 |
| V48M28B1516ES | V15DA006 | V48M28B15EEES | 15 | 80 | 45 | FR939 | 283B | 252 | | | | | | | | | | | | 97.89 | |
| V48M28B3016ES | V30DA006 | V48M28B30EEES | 30 | 80 | 45 | FR940 | 283B | 436 | 125 | 452 | 98.00 | 98.44 | 98.34 | 98.11 | 1.45 | 2.49 | 2.50 | 1.76 | 1.78 | 98.23 | 165 |
| V48M28B4516ES | V45DA006 | V48M28B45EEES | 45 | 80 | 50 | FR942 | 283B | 609 | 193 | 531 | 98.03 | 98.57 | 98.56 | 98.42 | 1.12 | 2.31 | 2.43 | 2.01 | 1.37 | 98.40 | 270 |
| V48M28B7516ES | V75DA006 | V48M28B75EEES | 75 | 80 | 50 | FR943 | 283B | 970 | 256 | 865 | 98.37 | 98.76 | 98.70 | 98.53 | 1.06 | 2.76 | 3.11 | 2.81 | 1.32 | 98.60 | 302 |
| V48M28B1216ES | V12DA006 | V48M28B12EEES | 112.5 | 80 | 50 | FR943 | 283B | 1220 | 350 | 1220 | 98.51 | 98.85 | 98.79 | 98.62 | 0.99 | 2.37 | 2.61 | 2.31 | 1.21 | 98.74 | 516 |
| V48M28B4916ES | V49DA006 | V48M28B49EEES | 150 | 80 | 55 | FR944 | 283B | 1571 | 489 | 1244 | 98.51 | 98.94 | 98.95 | 98.86 | 0.74 | 2.34 | 2.80 | 2.64 | 0.93 | 98.83 | 721 |
| V48M28B2216ES | V22DA006 | V48M28B22EEES | 225 | 80 | 55 | FR945 | 283B | 2157 | 592 | 1999 | 98.74 | 99.04 | 98.99 | 98.86 | 0.80 | 2.73 | 3.35 | 3.20 | 0.99 | 98.94 | 731 |
| V48M28B3316ES | | V48M28B33EEES | 300 | 80 | 55 | | | | | | | | | | | | | | | 99.02 | |

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---------------------------------------|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K4 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| H48M28T1516 | H15DA004 | H48M28T15EE | 15 | 150 | 45 | FR940 | 283B | 407 | 91 | 223 | 97.48 | 98.18 | 98.18 | 98.00 | 1.43 | 1.77 | 1.77 | 0.96 | 1.49 | 97.89 | 70 |
| H48M28T3016 | H30DA004 | H48M28T30EE | 30 | 150 | 45 | FR940 | 283B | 437 | 122 | 637 | 98.04 | 98.24 | 97.96 | 97.57 | 2.10 | 2.67 | 2.66 | 1.60 | 2.12 | 98.23 | 196 |
| H48M28T4516 | H45DA004 | H48M28T45EE | 45 | 150 | 45 | FR940 | 283B | 439 | 140 | 1175 | 98.39 | 98.23 | 97.76 | 97.22 | 2.54 | 4.07 | 4.18 | 3.26 | 2.61 | 98.40 | 146 |
| H48M28T7516 | H75DA004 | H48M28T75EE | 75 | 150 | 50 | FR942 | 283B | 599 | 210 | 1718 | 98.52 | 98.41 | 98.01 | 97.54 | 2.22 | 3.86 | 4.05 | 3.34 | 2.29 | 98.60 | 244 |
| H48M28T1216 | H12DA004 | H48M28T12EE | 112.5 | 150 | 50 | FR943 | 283B | 987 | 365 | 1468 | 98.60 | 98.82 | 98.69 | 98.45 | 1.19 | 2.73 | 3.07 | 2.78 | 1.30 | 98.74 | 265 |
| H48M28T4916 | H49DA004 | H48M28T49EE | 150 | 150 | 50 | FR943 | 283B | 1237 | 350 | 2601 | 98.65 | 98.68 | 98.41 | 98.07 | 1.63 | 3.45 | 3.93 | 3.59 | 1.60 | 98.83 | 447 |
| H48M28T2216 | H22DA004 | H48M28T22EE | 225 | 150 | 55 | FR944 | 283B | 1642 | 471 | 3473 | 98.88 | 98.87 | 98.61 | 98.30 | 1.37 | 4.38 | 5.43 | 5.21 | 1.54 | 98.94 | 610 |
| H48M28T3316 | H33DA004 | H48M28T33EE | 300 | 150 | 55 | FR945 | 283B | 2394 | 600 | 4469 | 98.99 | 98.94 | 98.68 | 98.38 | 1.31 | 4.07 | 4.99 | 4.76 | 1.49 | 99.02 | 675 |
| H48M28F1516 | H15DA005 | H48M28F15EE | 15 | 115 | 45 | FR940 | 283B | 402 | 91 | 294 | 97.48 | 98.24 | 98.27 | 98.13 | 1.57 | 1.70 | 1.7 | 1.03 | 1.35 | 97.89 | 136 |
| H48M28F3016 | H30DA005 | H48M28F30EE | 30 | 115 | 45 | FR940 | 283B | 415 | 122 | 562 | 98.09 | 98.35 | 98.14 | 97.81 | 1.85 | 2.39 | 2.38 | 1.47 | 1.87 | 98.23 | 196 |
| H48M28F4516 | H45DA005 | H48M28F45EE | 45 | 115 | 45 | FR942 | 283B | 619 | 193 | 577 | 98.16 | 98.60 | 98.54 | 98.36 | 1.23 | 2.21 | 2.34 | 1.96 | 1.28 | 98.40 | 244 |
| H48M28F7516 | H75DA005 | H48M28F75EE | 75 | 115 | 50 | FR943 | 283B | 984 | 260 | 1083 | 98.49 | 98.71 | 98.55 | 98.29 | 1.30 | 2.92 | 3.25 | 2.91 | 1.44 | 98.60 | 265 |
| H48M28F1216 | H12DA005 | H48M28F12EE | 112.5 | 115 | 50 | FR943 | 283B | 1236 | 365 | 1322 | 98.62 | 98.88 | 98.78 | 98.57 | 1.07 | 2.60 | 2.98 | 2.74 | 1.18 | 98.74 | 447 |
| H48M28F4916 | H49DA005 | H48M28F49EE | 150 | 115 | 55 | FR944 | 283B | 1607 | 489 | 1374 | 98.49 | 98.90 | 98.89 | 98.77 | 0.84 | 2.59 | 3.27 | 3.15 | 0.86 | 98.83 | 610 |
| H48M28F2216 | H22DA005 | H48M28F22EE | 225 | 115 | 55 | FR945 | 283B | 2353 | 542 | 2597 | 98.82 | 98.98 | 98.85 | 98.64 | 0.95 | 3.04 | 3.68 | 3.49 | 1.15 | 98.94 | 675 |
| H48M28F3316 | H33DA005 | H48M28F33EE | 300 | 115 | 55 | FR945 | 283B | 2198 | 582 | 4188 | 98.88 | 99.00 | 98.84 | 98.61 | 3.16 | 3.59 | 3.73 | 3.53 | 1.20 | 99.02 | 1027 |
| H48M28B1516 | H15DA032 | H48M28B15EE | 15 | 80 | 45 | FR939 | 283B | 254 | 65 | 543 | 97.71 | 97.69 | 97.17 | 96.55 | 3.57 | 3.66 | 3.67 | 1.82 | 3.19 | 97.89 | 58 |
| H48M28B3016 | H30DA006 | H48M28B30EE | 30 | 80 | 45 | FR940 | 283B | 438 | 125 | 467 | 97.99 | 98.41 | 98.31 | 98.06 | 1.50 | 2.73 | 2.84 | 2.29 | 1.68 | 98.23 | 146 |
| H48M28B4516 | H45DA006 | H48M28B45EE | 45 | 80 | 45 | FR942 | 283B | 619 | 180 | 536 | 98.29 | 98.70 | 98.64 | 98.47 | 1.13 | 2.19 | 2.36 | 2.04 | 1.19 | 98.40 | 244 |
| H48M28B7516 | H75DA006 | H48M28B75EE | 75 | 80 | 50 | FR943 | 283B | 1027 | 260 | 899 | 98.49 | 98.80 | 98.70 | 98.51 | 1.09 | 2.74 | 3.18 | 2.95 | 1.20 | 98.60 | 265 |
| H48M28B1216 | H12DA006 | H48M28B12EE | 112.5 | 80 | 50 | FR944 | 283B | 1643 | 444 | 769 | 98.50 | 99.00 | 99.06 | 98.99 | 0.56 | 2.09 | 2.64 | 2.55 | 0.68 | 98.74 | 610 |
| H48M28B4916 | H49DA006 | H48M28B49EE | 150 | 80 | 55 | FR944 | 283B | 1607 | 489 | 1264 | 98.51 | 98.94 | 98.94 | 98.84 | 0.76 | 2.59 | 3.27 | 3.15 | 0.86 | 98.83 | 611 |
| H48M28B2216 | H22DA006 | H48M28B22EE | 225 | 80 | 60 | FR924 | 283B | 2680 | 621 | 2405 | 98.78 | 99.09 | 99.07 | 98.96 | 3.01 | 3.48 | 3.67 | 3.58 | 0.79 | 98.94 | 757 |

| Aluminum Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|--|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K13 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| N48M28T1516 | N15DA004 | N48M28T15EE | 15 | 150 | 45 | FR940 | 283B | 406 | 91 | 221 | 97.43 | 98.17 | 98.18 | 98.00 | 1.40 | 1.68 | 1.68 | 0.84 | 1.45 | 97.89 | 70 |
| N48M28T3016 | N30DA004 | N48M28T30EE | 30 | 150 | 45 | FR940 | 283B | 395 | 122 | 649 | 98.01 | 98.21 | 97.92 | 97.53 | 2.13 | 2.46 | 2.47 | 1.23 | 2.14 | 98.23 | 196 |
| N48M28T4516 | N45DA004 | N48M28T45EE | 45 | 150 | 48 | FR942 | 283B | 594 | 193 | 624 | 98.12 | 98.55 | 98.46 | 98.25 | 1.33 | 2.30 | 2.40 | 1.96 | 1.39 | 98.40 | 244 |
| N48M28T7516 | N75DA004 | N48M28T75EE | 75 | 150 | 53 | FR943 | 283B | 1012 | 256 | 1089 | 98.50 | 98.71 | 98.55 | 98.29 | 1.39 | 3.09 | 3.5 | 3.18 | 1.45 | 98.60 | 265 |
| N48M28T1216 | N12DA004 | N48M28T12EE | 112.5 | 150 | 53 | FR943 | 283B | 1297 | 365 | 1501 | 98.60 | 98.81 | 98.67 | 98.42 | 1.21 | 2.81 | 3.18 | 2.89 | 1.33 | 98.74 | 447 |
| N48M28T4916 | N49DA004 | N48M28T49EE | 150 | 150 | 53 | FR944 | 283B | 1425 | 415 | 1654 | 98.78 | 98.98 | 98.87 | 98.68 | 0.91 | 2.98 | 3.64 | 3.47 | 1.10 | 98.83 | 610 |
| N48M28T2216 | N22DA004 | N48M28T22EE | 225 | 150 | 58 | FR945 | 283B | 2341 | 600 | 2472 | 98.86 | 99.02 | 98.89 | 98.70 | 0.97 | 3.05 | 3.75 | 3.59 | 1.10 | 98.94 | 675 |
| N48M28F1516 | N15DA005 | N48M28F15EE | 15 | 115 | 45 | FR940 | 283B | 412 | 91 | 290 | 97.58 | 98.29 | 98.32 | 98.17 | 1.50 | 1.61 | 1.61 | 0.91 | 1.33 | 97.89 | 136 |
| N48M28F3016 | N30DA005 | N48M28F30EE | 30 | 115 | 45 | FR940 | 283B | 437 | 140 | 504 | 98.08 | 98.41 | 98.26 | 97.98 | 1.65 | 2.84 | 2.98 | 2.46 | 1.68 | 98.23 | 196 |
| N48M28F4516 | N45DA005 | N48M28F45EE | 45 | 115 | 48 | FR942 | 283B | 619 | 193 | 577 | 98.24 | 98.65 | 98.57 | 98.38 | 1.23 | 2.18 | 2.29 | 1.90 | 1.28 | 98.40 | 244 |
| N48M28F7516 | N75DA005 | N48M28F75EE | 75 | 115 | 53 | FR943 | 283B | 977 | 260 | 988 | 98.48 | 98.75 | 98.63 | 98.40 | 1.17 | 2.76 | 3.11 | 2.82 | 1.32 | 98.60 | 265 |
| N48M28F1216 | N12DA005 | N48M28F12EE | 112.5 | 115 | 53 | FR944 | 283B | 1547 | 495 | 848 | 98.41 | 98.93 | 98.98 | 98.91 | 0.62 | 2.18 | 2.71 | 2.60 | 0.75 | 98.74 | 610 |
| N48M28F4916 | N49DA005 | N48M28F49EE | 150 | 115 | 53 | FR944 | 283B | 1682 | 380 | 1422 | 98.80 | 99.05 | 98.98 | 98.82 | 0.83 | 2.88 | 3.64 | 3.51 | 0.95 | 98.83 | 610 |
| N48M28F2216 | N22DA005 | N48M28F22EE | 225 | 115 | 58 | FR924 | 283B | 1927 | | | | | | | | | | | | 98.94 | |
| N48M28B1516 | | N48M28B15EE | 15 | 80 | 45 | FR940 | 283B | | | | | | | | | | | | | 97.89 | |
| N48M28B3016 | N30DA006 | N48M28B30EE | 30 | 80 | 53 | FR942 | 283B | 612 | 193 | 241 | 97.30 | 98.34 | 98.56 | 98.57 | 0.76 | 1.63 | 1.78 | 1.56 | 0.86 | 98.23 | 244 |
| N48M28B4516 | N45DA006 | N48M28B45EE | 45 | 80 | 48 | FR943 | 283B | 927 | 221 | 333 | 97.89 | 98.67 | 98.81 | 98.78 | 0.70 | 1.60 | 1.82 | 1.66 | 0.74 | 98.40 | 244 |
| N48M28B7516 | N75DA006 | N48M28B75EE | 75 | 80 | 53 | FR943 | 283B | 1098 | 288 | 595 | 98.42 | 98.91 | 98.95 | 98.87 | 0.68 | 1.75 | 2.01 | 1.85 | 0.79 | 98.60 | 447 |
| N48M28B1216 | N12DA006 | N48M28B12EE | 112.5 | 80 | 58 | FR944 | 283B | 1607 | 489 | 711 | 98.14 | 98.83 | 98.96 | 98.94 | 0.57 | 1.94 | 2.45 | 2.36 | 0.64 | 98.74 | 610 |
| N48M28B4916 | N49DA006 | N48M28B49EE | 150 | 80 | 58 | FR945 | 283B | 2193 | 592 | 891 | 98.30 | 98.93 | 99.04 | 99.02 | 0.53 | 1.89 | 2.40 | 2.32 | 0.60 | 98.83 | 675 |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516CU | V15DC001 | V48M28T15CU EE | 15 | 150 | 45 | FR939 | 280B | 250 | 75 | 391 | 97.71 | 97.89 | 97.54 | 97.06 | 2.60 | 2.83 | 2.88 | 1.23 | 2.60 | 97.89 | 109 |
| V48M28T3016CU | V30DC001 | V48M28T30CU EE | 30 | 150 | 45 | FR940 | 280B | 415 | 116 | 703 | 98.06 | 98.17 | 97.83 | 97.38 | 2.25 | 2.50 | 2.56 | 1.03 | 2.34 | 98.23 | 262 |
| V48M28T4516CU | V45DC001 | V48M28T45CU EE | 45 | 150 | 45 | FR940 | 280B | 478 | 123 | 1176 | 98.43 | 98.25 | 97.78 | 97.23 | 2.57 | 3.45 | 3.44 | 2.24 | 2.61 | 98.4 | 181 |
| V48M28T7516CU | V75DC001 | V48M28T75CU EE | 75 | 150 | 50 | FR942 | 280B | 676 | 210 | 1730 | 98.54 | 98.42 | 98.01 | 97.53 | 2.23 | 3.20 | 3.21 | 2.23 | 2.31 | 98.6 | 399 |
| V48M28T1216CU | V12DC001 | V48M28T12CU EE | 112.5 | 150 | 50 | FR943 | 280B | 1263 | 270 | 2202 | 98.74 | 98.65 | 98.31 | 97.90 | 1.81 | 3.42 | 3.63 | 3.06 | 1.96 | 98.74 | 351 |
| V48M28T4916CU | V49DC001 | V48M28T49CU EE | 150 | 150 | 50 | FR943 | 280B | 1410 | 360 | 2501 | 98.78 | 98.77 | 98.50 | 98.16 | 1.56 | 3.12 | 3.39 | 2.95 | 1.67 | 98.83 | 597 |
| V48M28T2216CU | V22DC001 | V48M28T22CU EE | 225 | 150 | 55 | FR944 | 280B | 1883 | 420 | 4395 | 98.88 | 98.72 | 98.35 | 97.93 | 1.78 | 4.44 | 5.14 | 4.75 | 1.95 | 98.94 | 540 |
| V48M28T3316CU | V33DC001 | V48M28T33CU EE | 300 | 150 | 55 | FR945 | 280B | 2485 | 507 | 4932 | 98.93 | 98.85 | 98.56 | 98.22 | 1.50 | 3.66 | 4.21 | 3.88 | 1.64 | 99.02 | 858 |
| V48M28F1516CU | V15DC002 | V48M28F15CU EE | 15 | 115 | 45 | FR939 | 280B | 241 | 75 | 368 | 97.71 | 97.95 | 97.64 | 97.19 | 2.44 | 2.76 | 2.77 | 1.37 | 2.41 | 97.89 | 109 |
| V48M28F3016CU | V30DC002 | V48M28F30CU EE | 30 | 115 | 45 | FR940 | 280B | 433 | 116 | 634 | 98.09 | 98.26 | 97.98 | 97.59 | 2.01 | 2.24 | 2.30 | 0.90 | 2.12 | 98.23 | 235 |
| V48M28F4516CU | V45DC002 | V48M28F45CU EE | 45 | 115 | 45 | FR940 | 280B | 471 | 123 | 1112 | 98.43 | 98.30 | 97.87 | 97.36 | 2.42 | 3.45 | 3.46 | 2.42 | 2.47 | 98.4 | 170 |
| V48M28F7516CU | V75DC002 | V48M28F75CU EE | 75 | 115 | 50 | FR942 | 280B | 665 | 214 | 1531 | 98.50 | 98.50 | 98.17 | 97.76 | 1.98 | 2.95 | 2.97 | 2.10 | 2.10 | 98.6 | 378 |
| V48M28F1216CU | V12DC002 | V48M28F12CU EE | 112.5 | 115 | 50 | FR943 | 280B | 1271 | 270 | 2057 | 98.70 | 98.69 | 98.38 | 98.00 | 1.72 | 3.62 | 4.00 | 3.56 | 1.83 | 98.74 | 307 |
| V48M28F4916CU | V49DC002 | V48M28F49CU EE | 150 | 115 | 50 | FR943 | 280B | 1422 | 360 | 1796 | 98.90 | 99.00 | 98.84 | 98.62 | 0.59 | 2.99 | 3.56 | 3.35 | 1.20 | 98.83 | 546 |
| V48M28F2216CU | V22DC002 | V48M28F22CU EE | 225 | 115 | 55 | FR944 | 280B | 2082 | 420 | 4147 | 98.90 | 98.77 | 98.43 | 98.03 | 1.64 | 4.55 | 5.41 | 5.09 | 1.84 | 98.94 | 455 |
| V48M28F3316CU | V33DC002 | V48M28F33CU EE | 300 | 115 | 55 | FR945 | 280B | 2568 | 570 | 4846 | 98.93 | 98.87 | 98.58 | 98.25 | 1.41 | 4.03 | 4.80 | 4.52 | 1.62 | 99.02 | 707 |
| V48M28B1516CU | V15DC003 | V48M28B15CU EE | 15 | 80 | 45 | FR939 | 280B | 239 | 75 | 365 | 97.94 | 98.08 | 97.73 | 97.27 | 2.42 | 2.97 | 2.96 | 1.69 | 2.43 | 97.89 | 92 |
| V48M28B3016CU | V30DC003 | V48M28B30CU EE | 30 | 80 | 45 | FR940 | 280B | 466 | 118 | 432 | 98.27 | 98.60 | 98.48 | 98.24 | 1.41 | 2.05 | 2.06 | 1.47 | 1.45 | 98.23 | 181 |
| V48M28B4516CU | V45DC003 | V48M28B45CU EE | 45 | 80 | 45 | FR942 | 280B | 667 | 210 | 570 | 98.35 | 98.70 | 98.62 | 98.42 | 1.15 | 1.91 | 1.95 | 1.48 | 1.27 | 98.4 | 399 |
| V48M28B7516CU | V75DC003 | V48M28B75CU EE | 75 | 80 | 50 | FR943 | 280B | 1147 | 270 | 892 | 98.47 | 98.79 | 98.71 | 98.52 | 1.06 | 2.41 | 2.68 | 2.40 | 1.19 | 98.6 | 351 |
| V48M28B1216CU | V12DC003 | V48M28B12CU EE | 112.5 | 80 | 50 | FR943 | 280B | 1385 | 360 | 1271 | 98.66 | 98.92 | 98.82 | 98.62 | 1.08 | 2.38 | 2.69 | 2.44 | 1.13 | 98.74 | 597 |
| V48M28B4916CU | V49DC003 | V48M28B49CU EE | 150 | 80 | 50 | FR944 | 280B | 1895 | 420 | 1867 | 98.74 | 98.91 | 98.76 | 98.54 | 0.96 | 2.96 | 3.48 | 3.25 | 1.24 | 98.83 | 540 |
| V48M28B2216CU | V22DC003 | V48M28B22CU EE | 225 | 80 | 55 | FR945 | 280B | 2385 | 513 | 2341 | 98.89 | 99.06 | 98.94 | 98.76 | 0.86 | 2.66 | 3.20 | 3.03 | 1.04 | 98.94 | 707 |
| 3-Phase 480V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | |
| V48M47T1516CU | | V48M47T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | 97.89 | |
| V48M47T3016CU | V30DC038 | V48M47T30CU EE | 30 | 150 | 45 | FR940 | 280B | 431 | 116 | 522 | 98.32 | 98.52 | 98.30 | 97.98 | 1.32 | 2.41 | 2.42 | 1.68 | 1.74 | 98.23 | |
| V48M47T4516CU | V45DC007 | V48M47T45CU EE | 45 | 150 | 45 | FR940 | 280B | 457 | 123 | 1239 | 98.50 | 98.24 | 97.71 | 97.12 | 2.75 | 3.77 | 3.77 | 2.57 | 2.75 | 98.4 | 161 |
| V48M47T7516CU | V75DC007 | V48M47T75CU EE | 75 | 150 | 50 | FR942 | 280B | 673 | 214 | 1514 | 98.50 | 98.51 | 98.18 | 97.78 | 1.99 | 2.83 | 2.84 | 2.00 | 2.02 | 98.6 | 453 |
| V48M47T1216CU | V12DC007 | V48M47T12CU EE | 112.5 | 150 | 50 | FR943 | 280B | 1110 | 270 | 2001 | 98.70 | 98.70 | 98.41 | 98.05 | 1.73 | 3.25 | 3.5 | 3.01 | 1.78 | 98.74 | |
| V48M47T4916CU | | V48M47T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | 98.83 | |
| V48M47T2216CU | | V48M47T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | 98.94 | |
| V48M47T3316CU | | V48M47T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 480V Delta-240V Delta with 120V lighting tap | | | | | | | | | | | | | | | | | | | | | |
| V48M22T1516CU | | V48M22T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | 97.89 | |
| V48M22T3016CU | | V48M22T30CU EE | 30 | 150 | | | | | | | | | | | | | | | | 98.23 | |
| V48M22T4516CU | V45DC019 | V48M22T45CU EE | 45 | 150 | 45 | FR940 | 282B | 475 | 123 | 1131 | 98.44 | 98.30 | 97.84 | 97.32 | 2.48 | 3.43 | 3.43 | 2.34 | 2.51 | 98.4 | |
| V48M22T7516CU | V75DC019 | V48M22T75CU EE | 75 | 150 | 50 | FR942 | 282B | 691 | 206 | 1584 | 98.51 | 98.48 | 98.12 | 97.70 | 2.05 | 2.89 | 2.89 | 1.97 | 2.11 | 98.6 | 404 |
| V48M22T1216CU | | V48M22T12CU EE | 112.5 | 150 | | | | | | | | | | | | | | | | 98.74 | |
| V48M22T4916CU | | V48M22T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | 98.83 | |
| V48M22T2216CU | | V48M22T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | 98.94 | |
| V48M22T3316CU | | V48M22T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | 99.02 | |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | | |
|---|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|-----|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) | |
| 3-Phase 208V Delta-480Y/277 | | | | | | | | | | | | | | | | | | | | | | |
| V29M47T1516CU | | V29M47T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | | 97.89 | |
| V29M47T3016CU | | V29M47T30CU EE | 30 | 150 | | | | | | | | | | | | | | | | | 98.23 | |
| V29M47T4516CU | | V29M47T45CU EE | 45 | 150 | | | | | | | | | | | | | | | | | 98.4 | |
| V29M47T7516CU | | V29M47T75CU EE | 75 | 150 | | | | | | | | | | | | | | | | | 98.6 | |
| V29R47T1216CU | V12DC036 | V29R47T12CU EE | 112.5 | 150 | 50 | FR943 | E0351A | 1283 | 260 | 2283 | 98.80 | 98.66 | 98.28 | 97.85 | 1.83 | 3.68 | 3.95 | 3.39 | 2.03 | | 98.74 | |
| V29R47T4916CU | | V29R47T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | | 98.83 | |
| V29R47T2216CU | | V29R47T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | | 98.94 | |
| V29R47T3316CU | | V29R47T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 240V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | | |
| V24M28T1516CU | | V24M28T15CU EE | 15 | 150 | | | | | | | | | | | | | | | | | 97.89 | |
| V24M28T3016CU | | V24M28T30CU EE | 30 | 150 | | | | | | | | | | | | | | | | | 98.23 | |
| V24M28T4516CU | | V24M28T45CU EE | 45 | 150 | | | | | | | | | | | | | | | | | 98.4 | |
| V24M28T7516CU | | V24M28T75CU EE | 75 | 150 | | | | | | | | | | | | | | | | | 98.6 | |
| V24M28T1216CU | | V24M28T12CU EE | 112.5 | 150 | | | | | | | | | | | | | | | | | 98.74 | |
| V24M28T4916CU | | V24M28T49CU EE | 150 | 150 | | | | | | | | | | | | | | | | | 98.83 | |
| V24M28T2216CU | | V24M28T22CU EE | 225 | 150 | | | | | | | | | | | | | | | | | 98.94 | |
| V24M28T3316CU | | V24M28T33CU EE | 300 | 150 | | | | | | | | | | | | | | | | | 99.02 | |
| 3-Phase 480V Delta-208Y/120 Electrostatically Shielded | | | | | | | | | | | | | | | | | | | | | | |
| V48M28T1516CUES | V15DC004 | V48M28E15CU EE | 15 | 150 | 45 | FR939 | 283B | 236 | 75 | 414 | 97.86 | 97.91 | 97.50 | 96.96 | 2.73 | 3.13 | 3.15 | 1.52 | 2.76 | | 97.89 | 109 |
| V48M28T3016CUES | V30DC004 | V48M28E30CU EE | 30 | 150 | 45 | FR940 | 283B | 415 | 116 | 529 | 98.12 | 98.41 | 98.22 | 97.91 | 1.73 | 2.41 | 2.41 | 1.64 | 1.76 | | 98.23 | 262 |
| V48M28T4516CUES | V45DC004 | V48M28E45CU EE | 45 | 150 | 45 | FR940 | 283B | 473 | 118 | 1271 | 98.28 | 98.10 | 97.59 | 97.01 | 2.75 | 3.80 | 3.80 | 2.60 | 2.77 | | 98.4 | 181 |
| V48M28T7516CUES | V75DC004 | V48M28E75CU EE | 75 | 150 | 50 | FR942 | 283B | 675 | 206 | 1615 | 98.39 | 98.40 | 98.06 | 97.63 | 2.07 | 2.84 | 2.84 | 1.94 | 2.08 | | 98.6 | 399 |
| V48M28T1216CUES | V12DC004 | V48M28E12CU EE | 112.5 | 150 | 50 | FR943 | 283B | 1085 | 251 | 2223 | 98.63 | 98.59 | 98.25 | 97.85 | 1.87 | 3.38 | 3.63 | 3.11 | 1.88 | | 98.74 | 351 |
| V48M28T4916CUES | V49DC004 | V48M28E49CU EE | 150 | 150 | 50 | FR943 | 283B | 1328 | 350 | 2351 | 98.69 | 98.77 | 98.54 | 98.23 | 1.47 | 2.77 | 3.02 | 2.64 | 1.46 | | 98.83 | 597 |
| V48M28T2216CUES | V22DC004 | V48M28E22CU EE | 225 | 150 | 55 | FR944 | 283B | 1938 | 420 | 4369 | 98.90 | 98.73 | 98.36 | 97.95 | 1.75 | 4.58 | 5.37 | 5.01 | 1.94 | | 98.94 | 540 |
| V48M28T3316CUES | V33DC004 | V48M28E33CU EE | 300 | 150 | 55 | FR945 | 283B | 2354 | 561 | 4491 | 98.89 | 98.89 | 98.65 | 98.34 | 1.39 | 3.04 | 3.48 | 3.19 | 1.38 | | 99.02 | 858 |
| V48M28F1516CUES | V15DC005 | V48M28F15CU EEE | 15 | 115 | 45 | FR939 | 283B | 238 | 75 | 368 | 97.83 | 98.01 | 97.68 | 97.23 | 2.44 | 2.90 | 2.90 | 1.54 | 2.46 | | 97.89 | 109 |
| V48M28F3016CUES | V30DC005 | V48M28F30CU EEE | 30 | 115 | 45 | FR940 | 283B | 428 | 116 | 642 | 98.06 | 98.24 | 97.96 | 97.56 | 2.06 | 2.36 | 2.39 | 1.07 | 2.14 | | 98.23 | 235 |
| V48M28F4516CUES | V45DC005 | V48M28F45CU EEE | 45 | 115 | 45 | FR940 | 283B | 480 | 123 | 1135 | 98.44 | 98.29 | 97.84 | 97.31 | 2.51 | 3.51 | 3.52 | 2.45 | 2.52 | | 98.4 | 170 |
| V48M28F7516CUES | V75DC005 | V48M28F75CU EEE | 75 | 115 | 50 | FR942 | 283B | 668 | 214 | 1600 | 98.54 | 98.48 | 98.12 | 97.68 | 2.01 | 3.03 | 3.05 | 2.18 | 2.13 | | 98.6 | 378 |
| V48M28F1216CUES | V12DC005 | V48M28F12CU EEE | 112.5 | 115 | 50 | FR943 | 283B | 1282 | 270 | 2110 | 98.77 | 98.70 | 98.37 | 97.98 | 1.71 | 3.76 | 4.17 | 3.72 | 1.88 | | 98.74 | 307 |
| V48M28F4916CUES | V49DC005 | V48M28F49CU EEE | 150 | 115 | 50 | FR943 | 283B | 1337 | 350 | 2234 | 98.71 | 98.80 | 98.59 | 98.31 | 1.38 | 2.94 | 3.34 | 3.05 | 1.37 | | 98.83 | 546 |
| V48M28F2216CUES | V22DC005 | V48M28F22CU EEE | 225 | 115 | 55 | FR944 | 283B | 1857 | 418 | 3811 | 98.85 | 98.80 | 98.50 | 98.16 | 1.55 | 4.15 | 5.03 | 4.78 | 1.58 | | 98.94 | 455 |
| V48M28F3316CUES | V33DC005 | V48M28F33CU EEE | 300 | 115 | 55 | FR945 | 283B | 2478 | 561 | 4198 | 98.91 | 98.94 | 98.72 | 98.44 | 1.28 | 3.41 | 4.14 | 3.94 | 1.29 | | 99.02 | 707 |
| V48M28B1516CUES | V15DC006 | V48M28B15CU EEE | 15 | 80 | 45 | FR939 | 283B | 249 | 75 | 366 | 97.99 | 98.09 | 97.73 | 97.27 | 2.43 | 3.02 | 3.01 | 1.76 | 2.44 | | 97.89 | 108 |
| V48M28B3016CUES | V30DC006 | V48M28B30CU EEE | 30 | 80 | 45 | FR940 | 283B | 459 | 118 | 433 | 98.28 | 98.61 | 98.48 | 98.24 | 1.41 | 2.05 | 2.06 | 1.47 | 1.44 | | 98.23 | 181 |
| V48M28B4516CUES | V45DC006 | V48M28B45CU EEE | 45 | 80 | 50 | FR942 | 283B | 675 | 206 | 489 | 97.94 | 98.56 | 98.59 | 98.48 | 1.03 | 1.70 | 1.70 | 1.16 | 1.25 | | 98.4 | 399 |
| V48M28B7516CUES | V75DC006 | V48M28B75CU EEE | 75 | 80 | 50 | FR943 | 283B | 1163 | 270 | 892 | 98.57 | 98.84 | 98.74 | 98.54 | 1.06 | 2.43 | 2.71 | 2.44 | 1.19 | | 98.6 | 351 |
| V48M28B1216CUES | V12DC006 | V48M28B12CU EEE | 112.5 | 80 | 50 | FR943 | 283B | 1328 | 350 | 1125 | 98.53 | 98.89 | 98.85 | 98.71 | 0.91 | 2.08 | 2.27 | 1.98 | 1.09 | | 98.74 | 597 |
| V48M28B4916CUES | V49DC006 | V48M28B49CU EEE | 150 | 80 | 50 | FR944 | 283B | 2092 | 420 | 1794 | 98.75 | 98.93 | 98.80 | 98.58 | 0.97 | 3.39 | 4.20 | 4.03 | 1.20 | | 98.83 | 540 |
| V48M28B2216CUES | V22DC006 | V48M28B22CU EEE | 225 | 80 | 55 | FR945 | 283B | 2478 | 561 | 2178 | 98.78 | 99.03 | 98.95 | 98.80 | 0.87 | 2.56 | 3.11 | 2.95 | 0.96 | | 98.94 | 707 |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|---------------------------------------|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K4 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| H48M28T1516CU | H15DC004 | H48M28T15CU EE | 15 | 150 | 45 | FR940 | 283B | 418 | 86 | 264 | 97.55 | 98.12 | 98.03 | 97.78 | 1.74 | 1.85 | 1.9 | 0.72 | 1.76 | 97.89 | 154 |
| H48M28T3016CU | H30DC004 | H48M28T30CU EE | 30 | 150 | 45 | FR940 | 283B | 458 | 123 | 514 | 98.06 | 98.40 | 98.23 | 97.94 | 1.71 | 2.38 | 2.38 | 1.61 | 1.75 | 98.23 | 170 |
| H48M28T4516CU | H45DC004 | H48M28T45CU EE | 45 | 150 | 45 | FR942 | 283B | 677 | 190 | 651 | 98.13 | 98.53 | 98.43 | 98.20 | 1.40 | 1.91 | 1.90 | 1.23 | 1.45 | 98.4 | 378 |
| H48M28T7516CU | H75DC004 | H48M28T75CU EE | 75 | 150 | 50 | FR943 | 283B | 1274 | 270 | 793 | 98.58 | 98.90 | 98.83 | 98.67 | 0.94 | 1.91 | 2.05 | 1.76 | 1.06 | 98.6 | 307 |
| H48M28T1216CU | H12DC004 | H48M28T12CU EE | 112.5 | 150 | 50 | FR943 | 283B | 1818 | 360 | 1307 | 98.63 | 98.88 | 98.78 | 98.58 | 1.00 | 2.31 | 2.56 | 2.28 | 1.16 | 98.74 | 546 |
| H48M28T4916CU | H49DC004 | H48M28T49CU EE | 150 | 150 | 50 | FR944 | 283B | 2105 | 439 | 1955 | 98.71 | 98.87 | 98.71 | 98.48 | 1.20 | 3.32 | 3.98 | 3.76 | 1.30 | 98.83 | 455 |
| H48M28T2216CU | H22DC004 | H48M28T22CU EE | 225 | 150 | 55 | FR945 | 283B | 2674 | 570 | 2462 | 98.89 | 99.04 | 98.91 | 98.71 | 1.03 | 3.05 | 3.76 | 3.60 | 1.09 | 98.94 | 707 |
| H48M28T3316CU | H33DC004 | H48M28T33CU EE | 300 | 150 | 55 | FR945 | 283B | 2737 | 570 | 4335 | 99.02 | 98.97 | 98.72 | 98.42 | 1.30 | 4.26 | 5.2 | 4.95 | 1.58 | 99.02 | 720 |
| H48M28F1516CU | H15DC005 | H48M28F15CU EE | 15 | 115 | 45 | FR940 | 283B | 414 | 86 | 338 | 97.50 | 98.12 | 98.06 | 97.83 | 1.88 | 1.98 | 1.98 | 1.05 | 1.68 | 97.89 | 154 |
| H48M28F3016CU | H30DC005 | H48M28F30CU EE | 30 | 115 | 45 | FR940 | 283B | 417 | 123 | 515 | 98.17 | 98.44 | 98.26 | 97.97 | 1.69 | 2.31 | 2.31 | 1.55 | 1.72 | 98.23 | 170 |
| H48M28F4516CU | H45DC005 | H48M28F45CU EE | 45 | 115 | 45 | FR942 | 283B | 684 | 190 | 562 | 98.24 | 98.65 | 98.59 | 98.41 | 1.22 | 1.71 | 1.71 | 1.17 | 1.25 | 98.4 | 378 |
| H48M28F7516CU | H75DC005 | H48M28F75CU EE | 75 | 115 | 50 | FR943 | 283B | 1083 | 270 | 843 | 98.69 | 98.93 | 98.82 | 98.63 | 1.08 | 2.11 | 2.24 | 1.88 | 1.21 | 98.6 | 307 |
| H48M28F1216CU | H12DC005 | H48M28F12CU EE | 112.5 | 115 | 50 | FR943 | 283B | 1394 | 350 | 1323 | 98.60 | 98.87 | 98.77 | 98.57 | 1.04 | 2.44 | 2.74 | 2.47 | 1.18 | 98.74 | 546 |
| H48M28F4916CU | H49DC005 | H48M28F49CU EE | 150 | 115 | 55 | FR944 | 283B | 1857 | 418 | 1694 | 98.62 | 98.89 | 98.80 | 98.61 | 1.03 | 2.77 | 3.35 | 3.18 | 1.05 | 98.83 | 455 |
| H48M28F2216CU | H22DC005 | H48M28F22CU EE | 225 | 115 | 55 | FR945 | 283B | 2478 | 561 | 2361 | 98.76 | 98.99 | 98.89 | 98.72 | 0.96 | 2.56 | 3.11 | 2.95 | 0.96 | 98.94 | 707 |
| H48M28B1516CU | | H48M28B15CU EE | 15 | 80 | 45 | FR940 | 283B | | | | | | | | | | | | | 97.89 | |
| H48M28B3016CU | H30DC006 | H48M28B30CU EE | 30 | 80 | 45 | FR940 | 283B | 482 | 110 | 444 | 98.24 | 98.57 | 98.44 | 98.20 | 1.47 | 2.11 | 2.12 | 1.52 | 1.48 | 98.23 | 170 |
| H48M28B4516CU | H45DC006 | H48M28B45CU EE | 45 | 80 | 45 | FR942 | 283B | 669 | 195 | 509 | 98.07 | 98.62 | 98.61 | 98.47 | 1.08 | 1.57 | 1.57 | 1.09 | 1.13 | 98.4 | 378 |
| H48M28B7516CU | H75DC006 | H48M28B75CU EE | 75 | 80 | 50 | FR943 | 283B | 1210 | 243 | 874 | 98.54 | 98.84 | 98.74 | 98.56 | 1.07 | 2.49 | 2.83 | 2.58 | 1.17 | 98.6 | 307 |
| H48M28B1216CU | H12DC006 | H48M28B12CU EE | 112.5 | 80 | 50 | FR943 | 283B | 1287 | 360 | 1293 | 98.65 | 98.91 | 98.80 | 98.60 | 0.91 | 2.44 | 2.76 | 2.51 | 1.15 | 98.74 | 546 |
| H48M28B4916CU | H49DC006 | H48M28B49CU EE | 150 | 80 | 50 | FR944 | 283B | 2138 | 420 | 1190 | 98.85 | 99.13 | 99.09 | 98.98 | 0.44 | 2.68 | 3.47 | 3.38 | 0.79 | 98.83 | 455 |
| H48M28B2216CU | H22DC006 | H48M28B22CU EE | 225 | 80 | 55 | FR945 | 283B | 2478 | 561 | 2178 | 98.78 | 99.03 | 98.95 | 98.80 | 0.87 | 2.56 | 3.11 | 2.95 | 0.96 | 98.94 | 707 |

| Copper Windings | | | | | | | | | Losses (Watts) | | Efficiency % at Temperature Rise +20C | | | | % Regulation | | | DOE2016 | Inrush | | |
|--|----------|--------------------|-------|--------------|---------------------------------|-------|----------|---------------|----------------|--------------------|---------------------------------------|-------|-------|-----------|--------------|--------|-----------------|--------------|--------------|------------------------------|----------------------|
| DOE2016 Catalog Number | Style | TP1 Catalog Number | kVA | Temp Rise °C | Sound Level dB (per NEMA ST-20) | Frame | Wrg Diag | Weight (lbs.) | No Load | Total @ Rise + 20C | 0.25 | 0.50 | 0.75 | Full Load | 100% PF | 80% PF | %Imp Trise +20C | X Trise +20C | R Trise +20C | Efficiency (@ 35% Load 75°C) | Practical Max (Amps) |
| K13 3-Phase 480V Delta-208Y/120 | | | | | | | | | | | | | | | | | | | | | |
| N48M28T1516CU | N15DC004 | N48M28T15CU EE | 15 | 150 | 45 | FR940 | 283B | 430 | 116 | 306 | 97.53 | 98.29 | 98.34 | 98.21 | 1.41 | 1.51 | 1.51 | 0.82 | 1.27 | 97.89 | 235 |
| N48M28T3016CU | N30DC004 | N48M28T30CU EE | 30 | 150 | 45 | FR940 | 283B | 480 | 118 | 542 | 98.14 | 98.41 | 98.20 | 97.88 | 1.76 | 2.49 | 2.49 | 1.71 | 1.81 | 98.23 | 170 |
| N48M28T4516CU | N45DC004 | N48M28T45CU EE | 45 | 150 | 48 | FR942 | 283B | 658 | 190 | 619 | 98.13 | 98.55 | 98.47 | 98.27 | 1.35 | 1.83 | 1.83 | 1.21 | 1.38 | 98.4 | 378 |
| N48M28T7516CU | N75DC004 | N48M28T75CU EE | 75 | 150 | 53 | FR943 | 283B | 1115 | 245 | 1029 | 98.52 | 98.75 | 98.60 | 98.36 | 1.27 | 2.58 | 2.80 | 2.44 | 1.37 | 98.6 | 307 |
| N48M28T1216CU | N12DC004 | N48M28T12CU EE | 112.5 | 150 | 53 | FR943 | 283B | 1424 | 380 | 1135 | 98.67 | 98.97 | 98.90 | 98.74 | 0.93 | 2.94 | 3.64 | 3.49 | 1.03 | 98.74 | 546 |
| N48M28T4916CU | N49DC004 | N48M28T49CU EE | 150 | 150 | 53 | FR944 | 283B | 2132 | 418 | 1760 | 98.81 | 98.97 | 98.83 | 98.62 | 1.13 | 3.15 | 3.65 | 3.38 | 1.39 | 98.83 | 455 |
| N48M28T2216CU | N22DC004 | N48M28T22CU EE | 225 | 150 | 58 | FR945 | 283B | 2628 | 561 | 2569 | 98.83 | 98.99 | 98.86 | 98.65 | 1.02 | 3.00 | 3.64 | 3.46 | 1.14 | 98.94 | 707 |
| N48M28F1516CU | N15DC004 | N48M28F15CU EE | 15 | 115 | 45 | FR940 | 283B | 398 | 116 | 289 | 97.65 | 98.39 | 98.45 | 98.35 | 1.36 | 1.51 | 1.51 | 0.98 | 1.15 | 97.89 | 235 |
| N48M28F3016CU | N30DC005 | N48M28F30CU EE | 30 | 115 | 48 | FR940 | 283B | 478 | 123 | 485 | 98.40 | 98.60 | 98.41 | 98.11 | 1.59 | 2.19 | 2.19 | 1.48 | 1.62 | 98.23 | 170 |
| N48M28F4516CU | N45DC005 | N48M28F45CU EE | 45 | 115 | 53 | FR942 | 283B | 658 | 190 | 581 | 98.20 | 98.62 | 98.55 | 98.36 | 1.25 | 1.81 | 1.82 | 1.27 | 1.30 | 98.4 | 378 |
| N48M28F7516CU | N75DC005 | N48M28F75CU EE | 75 | 115 | 53 | FR943 | 283B | 1115 | 245 | 995 | 98.48 | 98.74 | 98.62 | 98.40 | 1.18 | 2.56 | 2.81 | 2.48 | 1.33 | 98.6 | 307 |
| N48M28F1216CU | N12DC005 | N48M28F12CU EE | 112.5 | 115 | 58 | FR944 | 283B | 2150 | 337 | 1589 | 98.64 | 98.91 | 98.82 | 98.63 | 3.07 | 3.50 | 3.65 | 3.48 | 1.11 | 98.74 | 315 |
| N48M28F4916CU | N49DC005 | N48M28F49CU EE | 150 | 115 | 58 | FR944 | 283B | 2282 | 418 | 2000 | 98.72 | 98.87 | 98.70 | 98.45 | 1.16 | 4.25 | 5.43 | 5.26 | 1.33 | 98.83 | 455 |
| N48M28F2216CU | N22DC005 | N48M28F22CU EE | 225 | 115 | 58 | FR945 | 283B | 3043 | 695 | 2226 | 98.78 | 99.14 | 99.15 | 99.07 | 2.88 | 3.35 | 3.56 | 3.49 | 0.68 | 98.94 | 898 |
| N48M28B1516CU | N15DC006 | N48M28B15CU EE | 15 | 80 | 45 | FR940 | 283B | 434 | 116 | 263 | 97.66 | 98.46 | 98.57 | 98.51 | 1.08 | 1.17 | 1.17 | 0.64 | 0.98 | 97.89 | 235 |
| N48M28B3016CU | N30DC006 | N48M28B30CU EE | 30 | 80 | 48 | FR940 | 283B | 507 | 110 | 449 | 98.23 | 98.56 | 98.43 | 98.18 | 1.47 | 2.09 | 2.10 | 1.47 | 1.50 | 98.23 | 170 |
| N48M28B4516CU | N45DC006 | N48M28B45CU EE | 45 | 80 | 53 | FR942 | 283B | 678 | 206 | 496 | 97.94 | 98.55 | 98.58 | 98.46 | 1.04 | 1.69 | 1.72 | 1.27 | 1.15 | 98.4 | 378 |
| N48M28B7516CU | N75DC006 | N48M28B75CU EE | 75 | 80 | 53 | FR943 | 283B | 1490 | 290 | 717 | 98.35 | 98.82 | 98.82 | 98.70 | 0.88 | 2.23 | 2.60 | 2.42 | 0.96 | 98.6 | 307 |
| N48M28B1216CU | N12DC006 | N48M28B12CU EE | 112.5 | 80 | 53 | FR944 | 283B | 1927 | | | | | | | | | 3.94 | | | 98.74 | 315 |
| N48M28B4916CU | N49DC006 | N48M28B49CU EE | 150 | 80 | 58 | FR944 | 282B | 2132 | | | | | | | | | 3.65 | | | 98.83 | |