

since 1920

CELMA
indukta

since 1878

**Trójfazowe silniki indukcyjne
z wirnikiem klatkowym
NEMA-PREMIUM EFFICIENCY**

**Three-phase induction motors
with squirrel-cage rotor
NEMA-PREMIUM EFFICIENCY**

Zastosowanie:

Silniki ogólnego przeznaczenia do napędu maszyn i urządzeń wymagających pracy ciągłej.

Charakterystyka wykonania:

- Sprawność silników NEMA PREMIUM,
- moce znamionowe podane są dla pracy S1,
- napięcie znamionowe 230/460 lub 575 [V],
- częstotliwość napięcia zasilania 60 [Hz],
- temperatura otoczenia od -15 do +40[°C],
- wysokość instalowania do 1000 [m] n.p.m.,
- izolacja klasy F,
- uzwojenia zgodne z NEMA MG1 Part 31.4.4.2.
- silniki odpowiednie do zasilania falownikowego, zakres prędkości 20:1 dla zmiennego momentu i 10:1 dla stałego momentu,
- stopień ochrony IP 54 lub IP 55,
- z jednym czopem końcowym wału wg rysunku wymiarowego,
- skrzynka zaciskowa z lewej strony,
- skrzynka zaciskowa posiada jeden otwór gwintowany dla kabla zasilającego.

Wykonania na życzenia:

- z dwoma walcowymi czopami wału wg rysunku wymiarowego,
- inne napięcie zasilania,
- z termistorowymi czujnikami temperatury w czołach uzwojenia,
- fabryka wykonuje również silniki różniące się od wykonania podstawowego po uprzednim uzgodnieniu szczegółów konstrukcyjnych i terminów dostaw.

Konstrukcja silników:

- kadłuby silników wszystkich wielkości mechanicznych wykonane są z żeliwa,
- tarcze łożyskowe dla wszystkich wielkości mechanicznych wykonywane są z żeliwa.

Sposób zamawiania:

- W zamówieniu należy podać pełne określenie typu silnika, moc, prędkość obrotową, napięcie zasilające, układ połączeń, częstotliwość, formę wykonania oraz inne szczegóły niekatalogowego lub specjalnego wykonania.

Application:

General purpose motors intended for driving of machinery and appliances required continuous duty.

Features:

- NEMA PREMIUM EFFICIENCY,
- rated outputs for continuous duty,
- rated voltage 230/460 or 575 [V],
- frequency 60 [Hz],
- environment temperature -15 to +40[°C],
- altitude up to 1000 [m] above sea level,
- insulation class F,
- windings comply with NEMA MG1 Part 31.4.4.2.
- Suitable for inverter duty, 20:1 variable torque applications and 10:1 constant torque speed range.
- protection degree IP 54 or IP 55,
- one free shaft extension according to dimension drawing,
- terminal box on the left side of the motor,
- terminal box has one taped hole for supply lead.

Features on request:

- two cylindrical shaft extension according to dimension drawing,
- the other supply voltage,
- temperature - sensitive resistors in the winding ends,
- factory produces various types of motors but constructional details and delivery time are to be individual agreed.

Design of the motors:

- motor frames for all sizes are made of cast iron,
- end shields for all size are made of cast iron.

How to order:

- In the order there must be clearly given: full designation of the motor, rated output, rated speed, rated voltage, phase connection, frequency, mounting form and all other details for non catalogue execution.

NEMA PREMIUM EFFICIENCY MOTORS

Edition 4

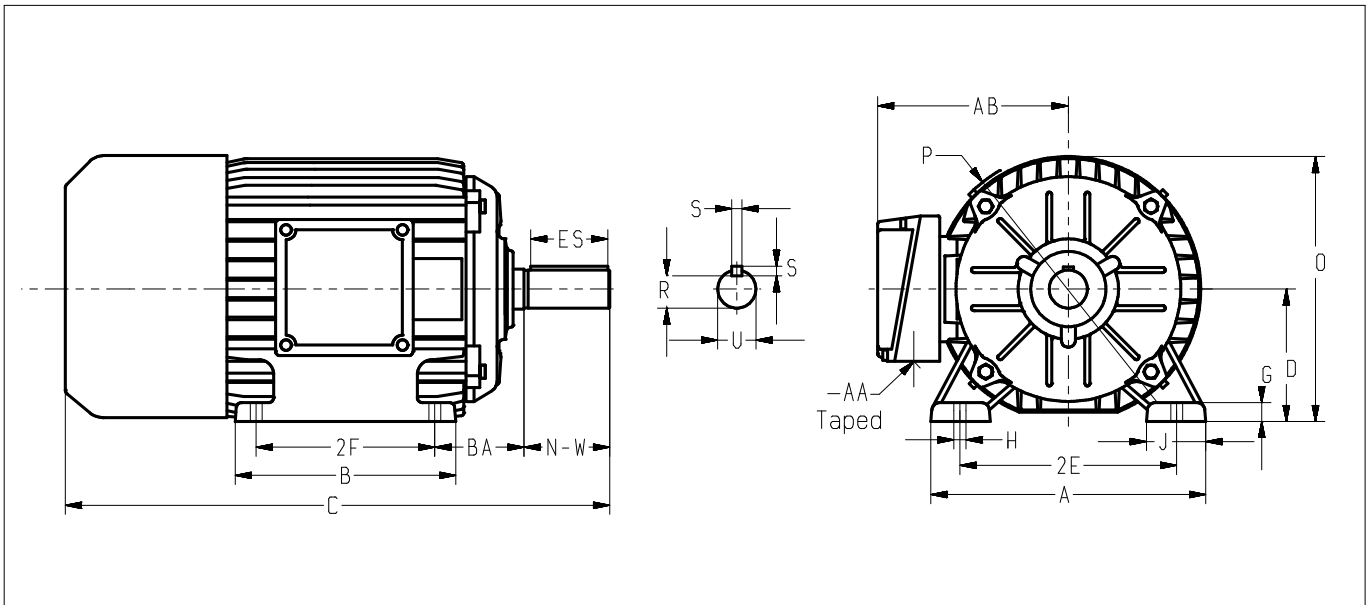
KK-10-03

| HP | NEMA Frame Size | RPM | | Full load torque [lb-ft] | TORQUE [%] | | Current Amps at 460 V | | Current Amps at 575 V | | EFF [%] | | | | | Power Factor [%] | | | | | NEMA Code Letter | Wk ² /Lb-Ft ² | Net Weight Lbs | S.F. | Current Amps at 208 V |
|-----|-----------------|------|-----------|--------------------------|--------------|------------|-----------------------|--------------|-----------------------|--------------|----------|----------|----------|----------|----------|------------------|----------|----------|----------|----------|------------------|-------------------------------------|----------------|------|-----------------------|
| | | syn. | Full Load | | Locked Rotor | Break down | Full Load | Locked Rotor | Full Load | Locked Rotor | 1/4 Load | 2/4 Load | 3/4 Load | 4/4 Load | 5/4 Load | 1/4 Load | 2/4 Load | 3/4 Load | 4/4 Load | 5/4 Load | | | | | |
| 1 | 143T | 1800 | 1765 | 3.0 | 300 | 320 | 1.4 | 12.9 | 1.1 | 10.3 | 70.5 | 81.3 | 84.5 | 85.5 | 85.4 | 37.0 | 57.0 | 70.0 | 78.0 | 83.0 | M | 0.09 | 53 | 1.4 | 2.9 |
| 1 | 145T | 1200 | 1160 | 4.5 | 240 | 300 | 1.7 | 10.0 | 1.4 | 8.0 | 67.0 | 78.6 | 81.9 | 82.5 | 81.8 | 28.0 | 46.0 | 59.0 | 68.0 | 74.0 | K | 0.15 | 55 | 1.4 | 3.7 |
| 1.5 | 143T | 3600 | 3540 | 2.2 | 350 | 410 | 2.1 | 20.0 | 1.7 | 16.0 | 69.0 | 79.8 | 83.2 | 84.0 | 84.6 | 38.0 | 57.0 | 69.0 | 78.0 | 83.0 | M | 0.07 | 56 | 1.4 | 4.3 |
| 1.5 | 145T | 1800 | 1750 | 4.5 | 300 | 400 | 2.1 | 16.6 | 1.6 | 13.3 | 77.1 | 85.0 | 86.8 | 86.5 | 86.3 | 38.0 | 59.0 | 72.0 | 79.0 | 84.0 | K | 0.10 | 57 | 1.4 | 4.2 |
| 1.5 | 182T | 1200 | 1170 | 6.7 | 190 | 280 | 2.4 | 14.0 | 1.9 | 11.2 | 75.4 | 84.5 | 86.9 | 87.5 | 87.0 | 29.0 | 47.0 | 59.0 | 68.0 | 73.0 | J | 0.40 | 85 | 1.4 | 4.8 |
| 2 | 145T | 3600 | 3525 | 3.0 | 360 | 400 | 2.7 | 25.4 | 2.2 | 20.3 | 74.4 | 83.3 | 85.7 | 85.5 | 85.4 | 41.0 | 62.0 | 75.0 | 82.0 | 86.0 | L | 0.08 | 57 | 1.4 | 5.4 |
| 2 | 145T | 1800 | 1745 | 6.0 | 260 | 340 | 2.6 | 19.2 | 2.1 | 15.4 | 78.5 | 85.8 | 87.1 | 86.5 | 85.1 | 43.0 | 64.0 | 77.0 | 83.0 | 86.0 | J | 0.13 | 59 | 1.4 | 5.6 |
| 2 | 184T | 1200 | 1170 | 9.0 | 200 | 300 | 3.0 | 25.0 | 2.4 | 20.0 | 79.3 | 86.9 | 88.6 | 88.5 | 87.5 | 32.0 | 51.0 | 64.0 | 72.0 | 76.0 | L | 0.45 | 98 | 1.4 | 6.8 |
| 3 | 182T | 3600 | 3500 | 4.5 | 310 | 320 | 4.0 | 32.0 | 3.2 | 25.6 | 75.6 | 84.4 | 86.4 | 86.5 | 85.7 | 44.0 | 65.0 | 76.0 | 82.0 | 85.0 | K | 0.12 | 76 | 1.4 | 8.8 |
| 3 | 182T | 1800 | 1775 | 8.9 | 320 | 400 | 4.2 | 38.0 | 3.4 | 30.4 | 77.1 | 85.8 | 88.5 | 89.5 | 89.6 | 34.0 | 54.0 | 67.0 | 75.0 | 80.0 | M | 0.27 | 102 | 1.4 | 8.6 |
| 3 | 213T | 1200 | 1165 | 13.5 | 260 | 360 | 4.2 | 32.0 | 3.4 | 25.6 | 80.9 | 88.0 | 89.5 | 89.5 | 88.9 | 36.0 | 56.0 | 68.0 | 74.0 | 77.0 | K | 1.45 | 205 | 1.4 | 9.2 |
| 5 | 184T | 3600 | 3535 | 7.4 | 450 | 530 | 6.2 | 73.0 | 5.0 | 58.4 | 78.9 | 86.7 | 88.6 | 88.5 | 88.6 | 46.0 | 68.0 | 80.0 | 85.0 | 89.0 | N | 0.20 | 102 | 1.4 | 13.2 |
| 5 | 184T | 1800 | 1770 | 14.8 | 300 | 380 | 6.7 | 61.0 | 5.4 | 48.8 | 80.6 | 87.6 | 89.2 | 89.5 | 89.0 | 37.0 | 58.0 | 71.0 | 78.0 | 82.0 | L | 0.34 | 108 | 1.3 | 14.3 |
| 5 | 215T | 1200 | 1170 | 22.4 | 250 | 350 | 7.0 | 46.0 | 5.6 | 36.8 | 81.2 | 88.2 | 89.6 | 89.5 | 88.7 | 37.0 | 57.0 | 69.0 | 75.0 | 78.0 | J | 1.56 | 220 | 1.3 | 15.4 |
| 7.5 | 213T | 3600 | 3525 | 11.2 | 290 | 315 | 8.5 | 76.0 | 6.8 | 60.8 | 82.5 | 88.7 | 90.0 | 89.5 | 89.4 | 61.0 | 81.0 | 89.0 | 92.0 | 94.0 | K | 0.45 | 159 | 1.3 | 18.6 |
| 7.5 | 213T | 1800 | 1765 | 22.3 | 240 | 290 | 9.3 | 71.0 | 7.4 | 56.8 | 84.1 | 90.5 | 91.6 | 91.7 | 91.5 | 48.0 | 67.0 | 78.0 | 82.0 | 85.0 | J | 0.87 | 167 | 1.3 | 20.4 |
| 7.5 | 254T | 1200 | 1185 | 33.2 | 320 | 350 | 10.4 | 77.5 | 8.3 | 62.0 | 81.1 | 88.6 | 90.6 | 91.0 | 90.9 | 34.0 | 54.0 | 67.0 | 74.0 | 78.0 | K | 2.63 | 321 | 1.3 | 22.0 |
| 10 | 215T | 3600 | 3535 | 14.8 | 300 | 335 | 11.4 | 93.0 | 9.1 | 74.4 | 83.5 | 89.3 | 90.4 | 90.2 | 89.6 | 58.0 | 80.0 | 88.0 | 91.0 | 93.0 | J | 0.50 | 173 | 1.3 | 25.2 |
| 10 | 215T | 1800 | 1770 | 29.6 | 230 | 280 | 12.5 | 87.0 | 10.0 | 69.6 | 84.0 | 90.4 | 91.7 | 91.7 | 91.6 | 46.0 | 66.0 | 77.0 | 82.0 | 84.0 | H | 0.99 | 185 | 1.3 | 26.9 |
| 10 | 256T | 1200 | 1180 | 44.5 | 290 | 330 | 13.4 | 94.0 | 10.7 | 75.2 | 82.0 | 89.2 | 90.8 | 91.0 | 90.8 | 36.0 | 58.0 | 70.0 | 77.0 | 81.0 | J | 3.31 | 363 | 1.3 | 28.8 |
| 15 | 254T | 3600 | 3540 | 22.3 | 240 | 250 | 17.6 | 112.0 | 14.1 | 90.0 | 84.9 | 90.5 | 91.8 | 91.7 | 91.2 | 57.0 | 77.0 | 85.0 | 87.0 | 88.0 | G | 1.15 | 258 | 1.3 | 38.8 |
| 15 | 254T | 1800 | 1775 | 44.3 | 380 | 440 | 17.3 | 168.0 | 13.8 | 134.4 | 84.8 | 90.7 | 92.0 | 92.4 | 91.9 | 54.0 | 76.0 | 84.0 | 88.0 | 90.0 | K | 2.89 | 301 | 1.3 | 36.6 |
| 15 | 284T | 1200 | 1185 | 66.4 | 470 | 380 | 19.5 | 180.0 | 15.6 | 144.0 | 82.0 | 89.0 | 91.2 | 91.7 | 91.8 | 40.0 | 61.0 | 73.0 | 79.0 | 82.0 | L | 5.19 | 371 | 1.3 | 41.0 |
| 20 | 256T | 3600 | 3540 | 29.7 | 230 | 260 | 22.9 | 138.0 | 18.3 | 110.0 | 87.1 | 91.7 | 92.4 | 91.7 | 91.2 | 64.0 | 82.0 | 88.0 | 89.0 | 90.0 | F | 1.47 | 306 | 1.3 | 50.5 |
| 20 | 256T | 1800 | 1775 | 59.1 | 380 | 450 | 22.9 | 230.0 | 18.3 | 184.0 | 85.9 | 91.4 | 92.7 | 93.0 | 92.7 | 55.0 | 76.0 | 84.0 | 88.0 | 90.0 | L | 3.57 | 390 | 1.2 | 48.6 |
| 20 | 286T | 1200 | 1185 | 88.5 | 380 | 320 | 25.5 | 221.0 | 20.4 | 177.0 | 81.9 | 89.1 | 91.1 | 91.7 | 91.4 | 42.0 | 63.0 | 74.0 | 80.0 | 83.0 | L | 6.03 | 421 | 1.2 | 54.1 |
| 25 | 284TS | 3600 | 3555 | 36.9 | 260 | 300 | 29.5 | 205.0 | 23.6 | 164.0 | 85.9 | 91.3 | 92.4 | 92.4 | 91.9 | 54.0 | 74.0 | 82.0 | 86.0 | 87.0 | H | 1.72 | 348 | 1.2 | 65.2 |
| 25 | 284T | 1800 | 1780 | 73.7 | 380 | 420 | 30.5 | 300.0 | 24.4 | 240.0 | 85.6 | 91.6 | 93.1 | 93.6 | 93.5 | 44.0 | 66.0 | 76.0 | 82.0 | 85.0 | L | 3.59 | 397 | 1.2 | 64.6 |
| 30 | 286TS | 3600 | 3540 | 44.5 | 250 | 300 | 35.2 | 215.0 | 28.2 | 172.0 | 86.0 | 91.2 | 92.0 | 91.7 | 90.9 | 64.0 | 80.0 | 85.0 | 87.0 | 88.0 | G | 1.92 | 390 | 1.2 | 77.2 |
| 30 | 286T | 1800 | 1780 | 88.4 | 370 | 390 | 37.5 | 350.0 | 30.0 | 280.0 | 84.8 | 91.3 | 93.0 | 93.6 | 93.7 | 39.0 | 61.0 | 73.0 | 80.0 | 84.0 | L | 3.84 | 441 | 1.2 | 79.5 |

Producent zastrzega sobie prawo zmian parametrów zawartych w katalogu wynikających z ciągłego doskonalenia produktów bez wcześniejszego informowania.
 As part of our development program, we reserve the rights to alert or amend any of the specifications without giving prior notice.

Wymiary montażowe i gabarytowe silników NEMA-PREMIUM
w wykonaniu na łapach
Mounting dimensions and overall dimensions
for foot-mounted NEMA-PREMIUM
Standard Horizontal

| Seria i wielkość silnika Type and Frame | Wymiary montażowe [inches] | | | | | | Mounting dimensions | | | | | |
|--|-------------------------------|------|------|------|------|------|---------------------|-------|------|-----|------|------|
| | A | B | D | 2E | 2F | H | R | U | N-W | AA | BA | ES |
| SIE143T | 6.62 | 5.83 | 3.50 | 5.50 | 4.00 | 0.34 | 0.771 | 0.875 | 2.25 | 3/4 | 2.25 | 1.52 |
| SIE145T | 6.62 | 7.00 | 3.50 | 5.50 | 5.00 | 0.34 | 0.771 | 0.875 | 2.25 | 3/4 | 2.25 | 1.52 |

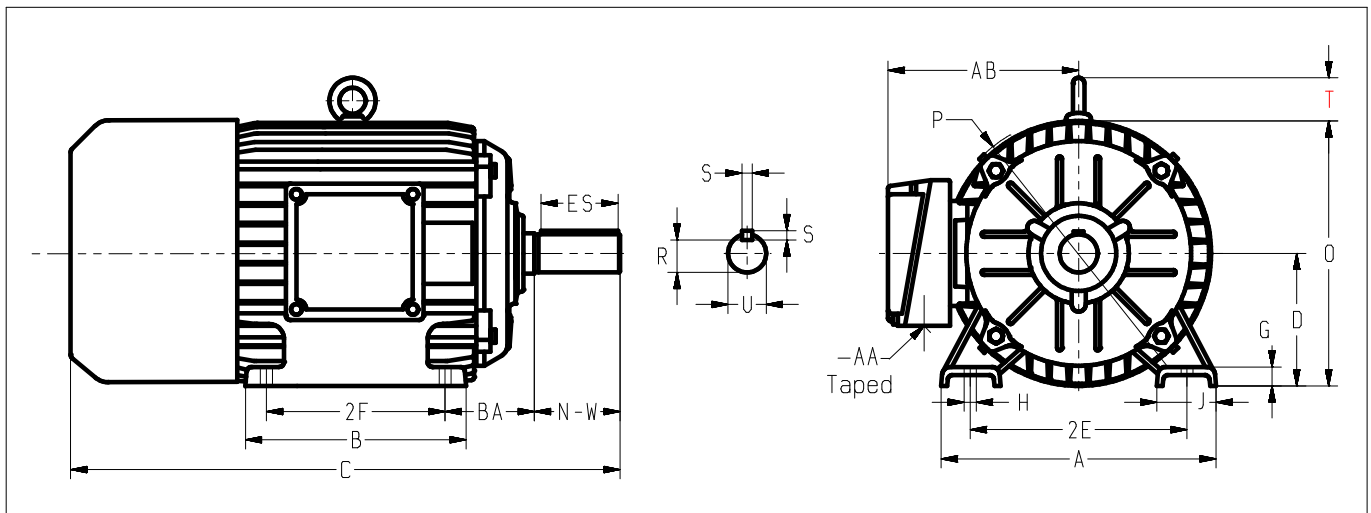


| Seria i wielkość silnika Type and Frame | Wymiary gabarytowe Overall dimensions [inches] | | | | | | | Łożysko nr Bearing no |
|--|---|------|------|------|------|-------|------|--------------------------|
| | C | G | J | O | P | S | AB | |
| SIE143T | 12.96 | 0.39 | 1.66 | 7.48 | 8.27 | 0.188 | 6.50 | 6205 2Z |
| SIE145T | 14.15 | 0.39 | 1.66 | 7.48 | 8.27 | 0.188 | 6.50 | 6205 2Z |

Wymiary montażowe i gabarytowe silników NEMA-PREMIUM
w wykonaniu na łapach

Mounting dimensions and overall dimensions
for foot-mounted NEMA-PREMIUM
Standard Horizontal

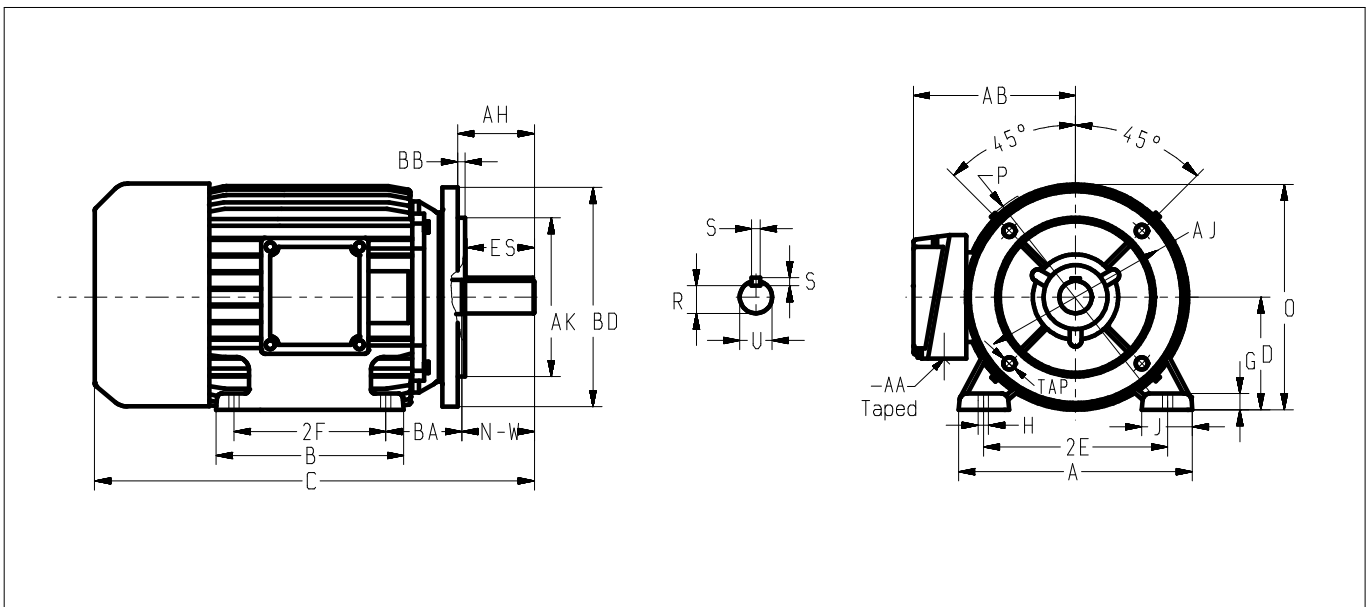
| Seria i wielkość silnika Type and Frame | Wymiary montażowe [inches] / Mounting dimensions | | | | | | | | | | | |
|--|--|-------|------|-------|-------|------|-------|-------|------|-------|------|------|
| | A | B | D | 2E | 2F | H | R | U | N-W | AA | BA | ES |
| SIE182T | 9.00 | 8.31 | 4.50 | 7.50 | 4.50 | 0.41 | 0.986 | 1.125 | 2.75 | 1 | 2.75 | 1.94 |
| SIE184T | 9.00 | 8.31 | 4.50 | 7.50 | 5.50 | 0.41 | 0.986 | 1.125 | 2.75 | 1 | 2.75 | 1.94 |
| SIE213T | 10.24 | 8.70 | 5.25 | 8.50 | 5.50 | 0.41 | 1.201 | 1.375 | 3.38 | 1 | 3.50 | 2.55 |
| SIE215T | 10.24 | 10.28 | 5.25 | 8.50 | 7.00 | 0.41 | 1.201 | 1.375 | 3.38 | 1 | 3.50 | 2.55 |
| SIE254T | 12.28 | 9.92 | 6.25 | 10.00 | 8.25 | 0.55 | 1.416 | 1.625 | 4.00 | 1 1/4 | 4.25 | 3.11 |
| SIE256T | 12.28 | 11.65 | 6.25 | 10.00 | 10.00 | 0.55 | 1.416 | 1.625 | 4.00 | 1 1/4 | 4.25 | 3.11 |
| SIE284T | 13.78 | 13.11 | 7.00 | 11.00 | 9.50 | 0.55 | 1.591 | 1.875 | 4.62 | 1 1/2 | 4.75 | 3.53 |
| SIE284TS | 13.78 | 13.11 | 7.00 | 11.00 | 9.50 | 0.55 | 1.416 | 1.625 | 3.25 | 1 1/2 | 4.75 | 2.10 |
| SIE286T | 13.78 | 13.11 | 7.00 | 11.00 | 11.00 | 0.55 | 1.591 | 1.875 | 4.62 | 1 1/2 | 4.75 | 3.53 |
| SIE286TS | 13.78 | 13.11 | 7.00 | 11.00 | 11.00 | 0.55 | 1.416 | 1.625 | 3.25 | 1 1/2 | 4.75 | 2.10 |



| Seria i wielkość silnika Type and Frame | Wymiary gabarytowe [inches] / Overall dimensions | | | | | | | | |
|--|--|------|------|-------|-------|-------|------|-------|-----------------------|
| | C | G | J | O | P | S | T | AB | Łożysko nr Bearing no |
| SIE182T | 16.63 | 0.60 | 2.13 | 9.09 | 9.53 | 0.250 | 1.77 | 7.90 | 6306 ZZ |
| SIE184T | 16.63 | 0.60 | 2.13 | 9.09 | 9.53 | 0.250 | 1.77 | 7.90 | 6306 ZZ |
| SIE213T | 20.66 | 0.72 | 2.20 | 10.55 | 11.61 | 0.312 | 1.77 | 8.45 | 6308 ZZ 6306 ZZ |
| SIE215T | 20.66 | 0.72 | 2.20 | 10.55 | 11.61 | 0.312 | 1.77 | 8.45 | 6308 ZZ 6306 ZZ |
| SIE254T | 24.04 | 0.58 | 2.36 | 13.18 | 14.17 | 0.375 | 2.08 | 10.08 | 6309 ZZ |
| SIE256T | 25.77 | 0.58 | 2.36 | 13.18 | 14.17 | 0.375 | 2.08 | 10.08 | 6309 ZZ |
| SIE284T | 28.54 | 0.89 | 2.75 | 14.01 | 14.17 | 0.500 | 2.08 | 10.34 | 6311 ZZ |
| SIE284TS | 27.17 | 0.89 | 2.75 | 14.01 | 14.17 | 0.375 | 2.08 | 10.34 | 6311 ZZ |
| SIE286T | 28.54 | 0.89 | 2.75 | 14.01 | 14.17 | 0.500 | 2.08 | 10.34 | 6311 ZZ |
| SIE286TS | 27.17 | 0.89 | 2.75 | 14.01 | 14.17 | 0.375 | 2.08 | 10.34 | 6311 ZZ |

Wymiary montażowe i gabarytowe
silników NEMA-PREMIUM w wykonaniu kołnierzowym na łapach
Mounting dimensions and overall dimensions
for foot-C face-mounted NEMA-PREMIUM motors

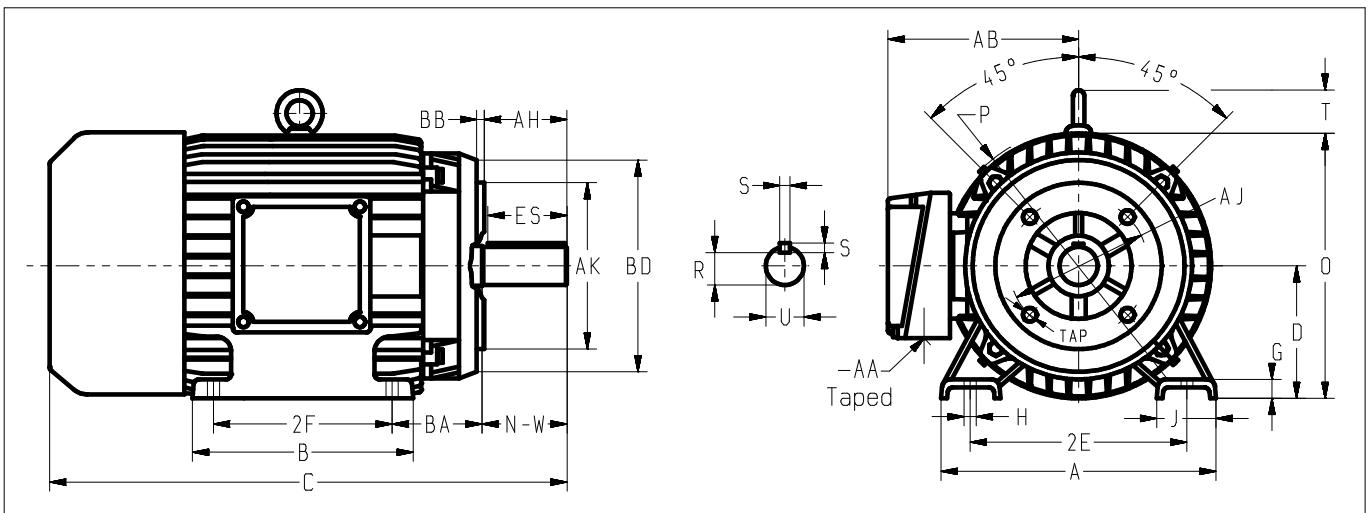
| Seria i wielkość silnika Type and Frame | Wymiary montażowe [inches] / Mounting dimensions | | | | | | | | | | | | | | | |
|--|--|------|------|------|------|------|-------|-------|-------|------|-------|------|------|------|------|------|
| | A | B | D | 2E | 2F | H | R | S | U | AH | AJ | AK | BA | BB | BD | ES |
| SIE143TC | 6.62 | 5.83 | 3.50 | 5.50 | 4.00 | 0.34 | 0.771 | 0.188 | 0.875 | 2.12 | 5.875 | 4.50 | 2.25 | 0.16 | 6.50 | 1.52 |
| SIE145TC | 6.62 | 7.00 | 3.50 | 5.50 | 5.00 | 0.34 | 0.771 | 0.188 | 0.875 | 2.12 | 5.875 | 4.50 | 2.25 | 0.16 | 6.50 | 1.52 |



| Seria i wielkość silnika Type and Frame | Wymiary gabarytowe [inches] / Overall dimensions | | | | | | | | | |
|--|--|------|------|------|------|------|-----|------|--------|-------------------------|
| | C | G | J | O | P | N-W | AA | AB | TAP | Łożysko nr / Bearing no |
| SIE143TC | 12.96 | 0.39 | 1.66 | 7.48 | 8.27 | 2.25 | 3/4 | 6.50 | 3/8-16 | 6205 2Z |
| SIE145TC | 14.15 | 0.39 | 1.66 | 7.48 | 8.27 | 2.25 | 3/4 | 6.50 | 3/8-16 | 6205 2Z |

Wymiary montażowe i gabarytowe
silników NEMA-PREMIUM w wykonaniu kołnierzowym na łapach
Mounting dimensions and overall dimensions
for foot-C face-mounted NEMA-PREMIUM motors

| Seria i wielkość silnika Type and Frame | Wymiary montażowe [inches] | | | | | | | | Mounting dimensions | | | | | | | |
|--|-------------------------------|-------|------|-------|-------|------|-------|-------|---------------------|------|------|-------|------|------|-------|------|
| | A | B | D | 2E | 2F | H | R | S | U | AH | AJ | AK | BA | BB | BD | ES |
| SIE182TC | 9.00 | 8.31 | 4.50 | 7.50 | 4.50 | 0.41 | 0.986 | 0.250 | 1.125 | 2.62 | 7.25 | 8.50 | 2.75 | 0.25 | 8.90 | 1.94 |
| SIE184TC | 9.00 | 8.31 | 4.50 | 7.50 | 5.50 | 0.41 | 0.986 | 0.250 | 1.125 | 2.62 | 7.25 | 8.50 | 2.75 | 0.25 | 8.90 | 1.94 |
| SIE213TC | 10.24 | 8.70 | 5.25 | 8.50 | 5.50 | 0.41 | 1.201 | 0.312 | 1.375 | 3.13 | 7.25 | 8.50 | 3.50 | 0.25 | 8.90 | 2.55 |
| SIE215TC | 10.24 | 10.28 | 5.25 | 8.50 | 7.00 | 0.41 | 1.201 | 0.312 | 1.375 | 3.13 | 7.25 | 8.50 | 3.50 | 0.25 | 8.90 | 2.55 |
| SIE254TC | 12.28 | 9.92 | 6.25 | 10.00 | 8.25 | 0.55 | 1.416 | 0.375 | 1.625 | 3.75 | 7.25 | 8.50 | 4.25 | 0.25 | 10.00 | 3.11 |
| SIE256TC | 12.28 | 11.65 | 6.25 | 10.00 | 10.00 | 0.55 | 1.416 | 0.375 | 1.625 | 3.75 | 7.25 | 8.50 | 4.25 | 0.25 | 10.00 | 3.11 |
| SIE284TC | 13.78 | 13.11 | 7.00 | 11.00 | 9.50 | 0.55 | 1.591 | 0.500 | 1.875 | 4.38 | 9.00 | 10.50 | 4.75 | 0.25 | 11.25 | 3.53 |
| SIE284TSC | 13.78 | 13.11 | 7.00 | 11.00 | 9.50 | 0.55 | 1.416 | 0.375 | 1.625 | 3.00 | 9.00 | 10.50 | 4.75 | 0.25 | 11.25 | 2.10 |
| SIE286TC | 13.78 | 13.11 | 7.00 | 11.00 | 11.00 | 0.55 | 1.591 | 0.500 | 1.875 | 4.38 | 9.00 | 10.50 | 4.75 | 0.25 | 11.25 | 3.53 |
| SIE286TSC | 13.78 | 13.11 | 7.00 | 11.00 | 11.00 | 0.55 | 1.416 | 0.375 | 1.625 | 3.00 | 9.00 | 10.50 | 4.75 | 0.25 | 11.25 | 2.10 |



| Seria i wielkość silnika Type and Frame | Wymiary gabarytowe [inches] | | | | | | | | Overall dimensions | | | |
|--|--------------------------------|------|------|-------|-------|------|------|-------|--------------------|--------|--------------------------|--|
| | C | G | J | O | P | T | N-W | AA | AB | TAP | Łożysko nr Bearing no | |
| SIE182TC | 16.63 | 0.60 | 2.13 | 9.09 | 9.53 | 1.77 | 2.75 | 1 | 7.90 | 1/2-13 | 6306 2Z | |
| SIE184TC | 16.63 | 0.60 | 2.13 | 9.09 | 9.53 | 1.77 | 2.75 | 1 | 7.90 | 1/2-13 | 6306 2Z | |
| SIE213TC | 20.66 | 0.72 | 2.20 | 10.55 | 11.61 | 1.77 | 3.38 | 1 | 8.45 | 1/2-13 | 6308 2Z 6306 2Z | |
| SIE215TC | 20.66 | 0.72 | 2.20 | 10.55 | 11.61 | 1.77 | 3.38 | 1 | 8.45 | 1/2-13 | 6308 2Z 6306 2Z | |
| SIE254TC | 24.04 | 0.58 | 2.36 | 13.18 | 14.17 | 2.08 | 4.00 | 1 1/4 | 10.08 | 1/2-13 | 6309 2Z | |
| SIE256TC | 25.77 | 0.58 | 2.36 | 13.18 | 14.17 | 2.08 | 4.00 | 1 1/4 | 10.08 | 1/2-13 | 6309 2Z | |
| SIE284TC | 28.54 | 0.89 | 2.75 | 14.01 | 14.17 | 2.08 | 4.62 | 1 1/2 | 10.34 | 1/2-13 | 6311 2Z | |
| SIE284TSC | 27.17 | 0.89 | 2.75 | 14.01 | 14.17 | 2.08 | 3.25 | 1 1/2 | 10.34 | 1/2-13 | 6311 2Z | |
| SIE286TC | 28.54 | 0.89 | 2.75 | 14.01 | 14.17 | 2.08 | 4.62 | 1 1/2 | 10.34 | 1/2-13 | 6311 2Z | |
| SIE286TSC | 27.17 | 0.89 | 2.75 | 14.01 | 14.17 | 2.08 | 3.25 | 1 1/2 | 10.34 | 1/2-13 | 6311 2Z | |