

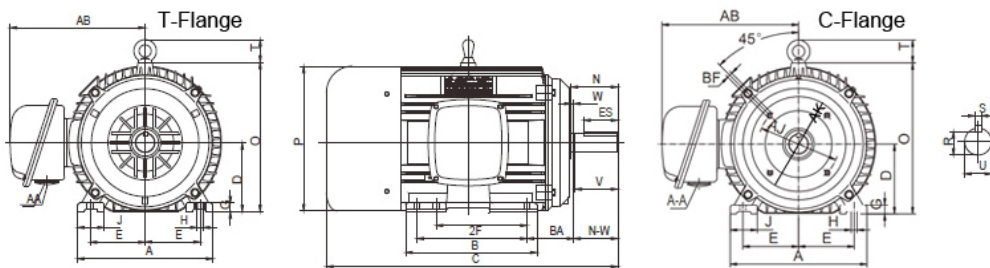


CONNEX ELECTRIC MOTORS

CCITIR18-182-003

High Efficiency Cast Iron * TEFC * Three Phase Motor

Design C Meets NEMA MG-1 * IP55 Protection * High Torque * Inverter Rated



DIMENSIONAL DATA

| MOUNTING | | | | | | | CONDUIT BOX | | C-FLANGE | | |
|------------------|------|-----|-----|------|---------|-------|-------------|------|----------|--------|--------|
| D | E | 2F | A | B | BA | H | AB | AA | AJ | AK | N |
| 4.5 | 3.75 | 4.5 | 9.5 | 7.3 | 2.75 | 0.41 | 7.5 | 0.75 | 7.25 | 8.5 | 2.62 |
| MOTOR DIMENSIONS | | | | | KEYSEAT | | | | BEARING | | |
| C | O | P | T | N-W | U | R | S | ES | DE | ODE | ENCLO. |
| 16.1 | 9.1 | 9.1 | 1.6 | 2.75 | 1.125 | 0.986 | 0.25 | 1.78 | 6306ZZ | 6306ZZ | TEFC |

PERFORMANCE DATA

50/60 Hz * Class F Insulation * 40°C Ambient * Continuous Duty * 1.15 Service Factor

| HP | Frame | Full Load RPM | Efficiency% | | | Power Factor | | Amps@460V | | Full Load Torque | Locked Rotor Torque %FLT | Full Out Torque %FLT | APP. WEIGHT |
|-----|--------------|---------------|---------------------|----------|----------|--------------|----------|-----------|--------------|------------------|--------------------------|----------------------|-------------|
| | | | 100% F.L. | 75% F.L. | 50% F.L. | 100% F.L. | 75% F.L. | Full Load | Locked Rotor | | | | |
| 3 | 182T | 1770 | 87.5 | 86.5 | 83.5 | 70 | 60 | 9.2/4.6 | 32 | 8.8 | 270 | 320 | 109.582 |
| VAC | 208-230/460V | | INVERTER RATED 10:1 | | | | | | | | | | |

CONNEX INDUSTRIAL CORP.

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