



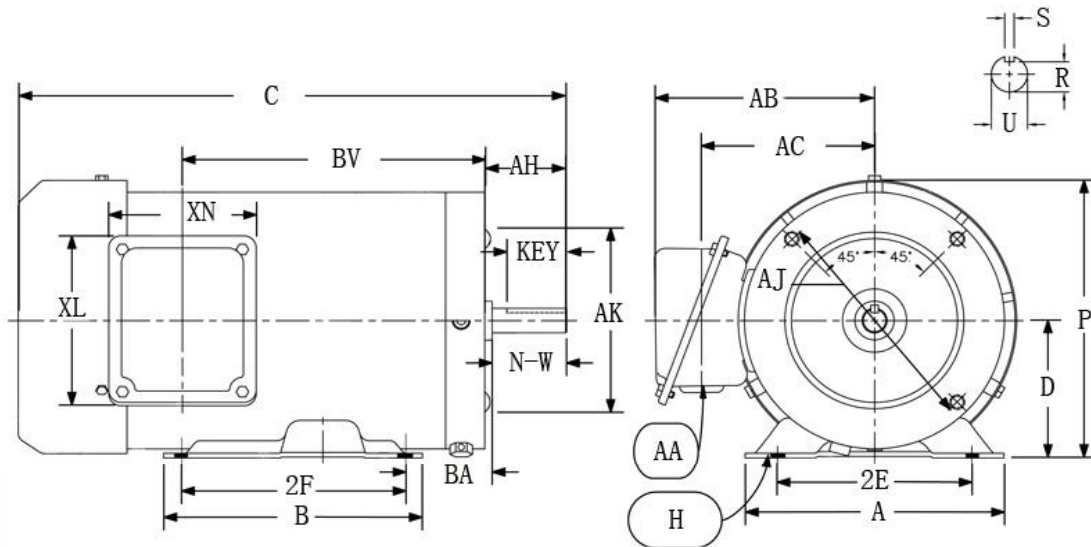
CONNEX

ELECTRIC MOTOR

CSSTF36-182-03

Stainless Steel - TEFC Three Phase Motor

NEMA Design B - High Efficiency - Inverter Duty - Squirrel Cage AC Motor



DIMENSIONAL DATA

| Mounting | | | | | | | Conduit Box | | | | | | |
|------------------|------|-------|-----|-----|------|---------|-------------|------|----------|-------|---------|------|--|
| D | E | 2F | A | B | BA | H | AB | AC | XL | XN | AA | | |
| 4.5 | 3.75 | 4.5 | 8.8 | 6.5 | 3.5 | .71*.47 | 7 | 5.3 | 4.45 | 4.05 | 0.94 | | |
| Motor dimensions | | | | | | Keyseat | | | Bearings | | Enclos. | F/R | |
| C | AH | AJ | AK | P | N-W | U | R | KEY | ODE | DE | | | |
| 16.40 | 2.62 | 7.250 | 8.5 | 8.9 | 2.75 | 1.125 | 0.986 | 1.78 | 6306Z | 6308Z | TEFC | FOOT | |

PERFORMANCE DATA

Three Phase - 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 (lb-ft) | Locked Rotor Torque (%FLT) | Pull Out Torque (%FLT) | Approx Weight (lbs) |
|----|-------|---------------|-------------|----------|----------|--------------|----------|-----------|--------------|--------------------------|----------------------------|------------------------|---------------------|
| | | | 100% F.L. | 75% F.L. | 50% F.L. | 100% F.L. | 75% F.L. | Full Load | Locked Rotor | | | | |
| 3 | 182TC | 3535 | 85.5% | 83% | 81% | 0.89 | 0.67 | 4.1 | 28.0 | 4.4 | 208% | 269% | 81 |