



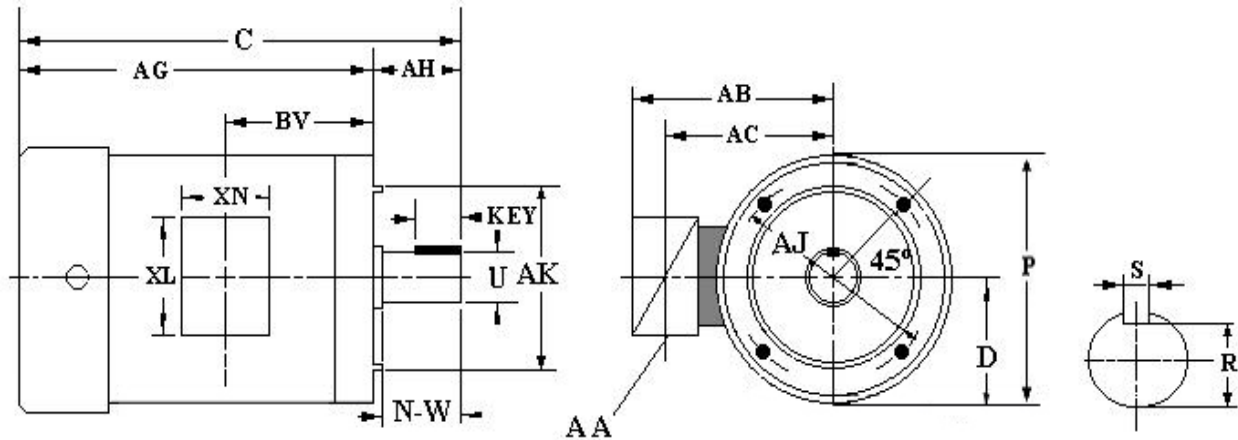
**CONNEX**

**ELECTRIC MOTOR**

## CSSTR18-145-15

### Stainless Steel - TEFC Three Phase Motor

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



### DIMENSIONAL DATA

| Mounting         |      |       |      |      |      | Conduit Box |       |      |          |       |         |       |
|------------------|------|-------|------|------|------|-------------|-------|------|----------|-------|---------|-------|
| D                |      |       |      |      |      | AB          | AC    | XL   | XN       | AA    |         |       |
| 3.5              |      |       |      |      |      | 5.75        | 4.25  | 4.72 | 3.8      | 0.86  |         |       |
| Motor dimensions |      |       |      |      |      | Keyseat     |       |      | Bearings |       | Enclos. | F/R   |
| C                | AH   | AJ    | AK   | P    | N-W  | U           | R     | KEY  | ODE      | DE    |         |       |
| 12.63            | 2.12 | 5.875 | 4.50 | 6.50 | 2.25 | 0.875       | 0.517 | 1.41 | 6205Z    | 6205Z | TEFC    | ROUND |

### 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 |                          |                            |                        |                     |
| 1 1/2 | 145TC | 1740          | 84.0%       | 83%      | 79%      | 0.83         | 0.76     | 2.0       | 13.6         | 4.4                      | 233%                       | 298%                   | 42                  |