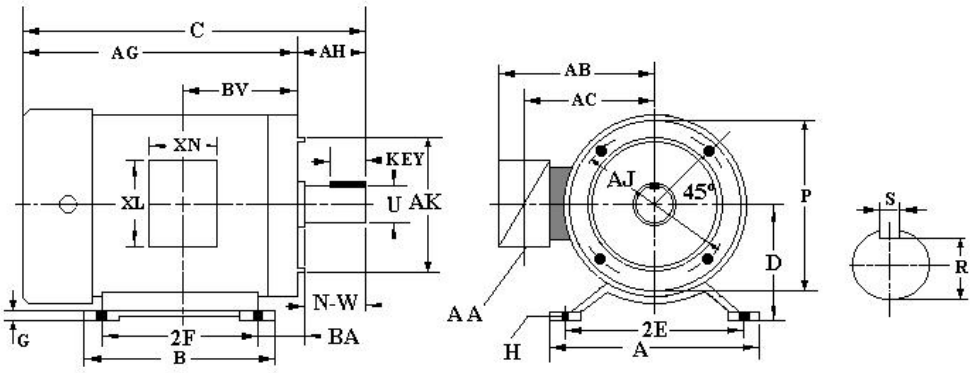
# CONNEX ELECTRIC MOTORS

# CSSTF36-143-15JM

## Stainless Steel * TEFC * Three Phase Motor

NEMA Design B * High Efficiency * IP55 Protection * Squirrel Cage AC Motor




### DIMENSIONAL DATA

| MOUNTING | | | | | | | CONDUIT BOX | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D | E | 2F | A | B | BA | H | AB | AC | XL | XN | AA |
| 3.5 | 2.75 | 4 | 6.5 | 6.5 | 2.75 | 1.22X.34 | 5.75 | 4.25 | 4.72 | 3.8 | 0.86 |
| MOTOR DIMENSIONS | | | | | KEYSEAT | | | | BEARING | | ENCL. |
| C | AH | AJ | AK | N-W | U | R | S | KEY | DE | ODE | |
| 15.84 | 4.22 | 5.875 | 4.5 | 4.25 | 0.875 | 0.771 | 0.187 | 1.65 | 6205Z | 6205Z | TEFC |

### PERFOMANCE 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 | | | | |
| 1.5 | 143JM | 3480 | 84% | 80% | 76% | 0.91 | 0.67 | 2.4 | 18.9 | 2.9 | 261% | 332% | 45 |
| VAC | 208-230/460V | | | | | | | | | | | | |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