

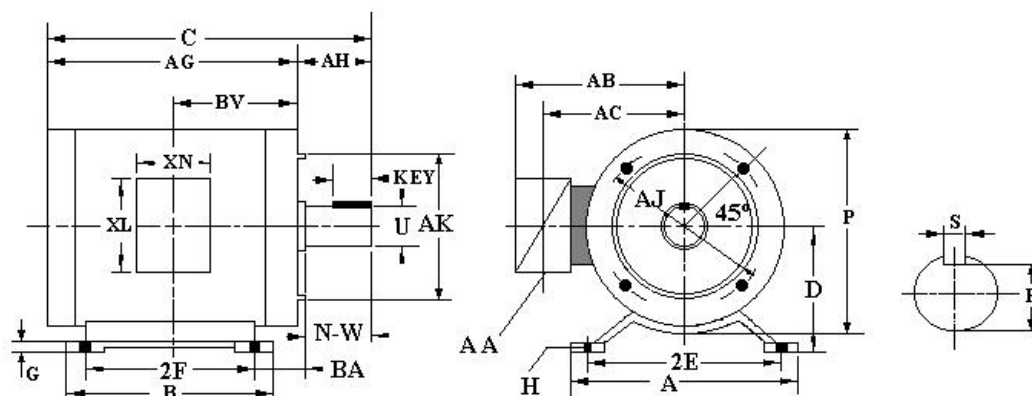


# CONNEX ELECTRIC MOTORS

## CSSNFIR36-056-12

### Stainless Steel \* 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              | 2.44 | 3     | 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   |       |
| 11.59            | 2.06 | 5.875 | 4.5 | 1.88 | 0.625   | 0.517    | 0.188       | 1.41 | 6205Z   | 6205Z | TENV  |

#### 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 |                  |                          |                      |             |
| 1/2 | 56C          | 3460          | 77%                 | 75%      | 67%      | 0.88         | 0.67     | 0.75      | 5.5          | 0.7              | 275%                     | 364%                 | 31          |
| VAC | 208-230/460V |               | INVERTER RATED 10:1 |          |          |              |          |           |              |                  |                          |                      |             |

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