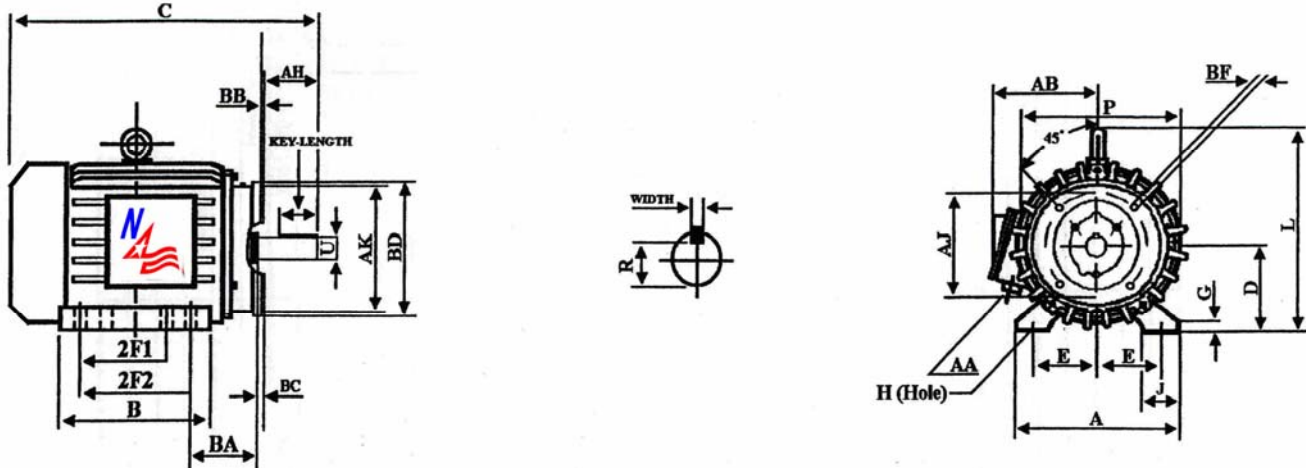


XP3630C

C-Face General Purpose Explosion Proof Motors

Class I, Division I, Groups C & D and Class II, Division I, Groups E, F and G - Operating Temperature Code: T3C



DIMENSIONS – INCHES

| MOUNTING | | | | | A | B | C | D | G | J | P | L | BC | AH | AB | AA |
|----------|-----|--------|----------|-------|--------|----|--------|------|-------|-----------------|-------|------|-------|----|------|-----|
| E | 2F1 | 2F2 | H | BA | | | | | | | | | | | | |
| 11 | 9.5 | 11 | 0.5 | 4.75 | 14 | 14 | 28.2 | 7 | 0.9 | 2.8 | 15.8 | 17.6 | +0.25 | 3 | 14.3 | 1.5 |
| KEY | | | KEYSET R | | FLANGE | | | | | SHAFT EXTENSION | | | | | | |
| WIDTH | | LENGTH | | AK | AJ | BF | BB | BD | N-W | U | | | | | | |
| 0.375 | | 1.91 | | 1.416 | 10.5 | 9 | 1/2-13 | 0.25 | 11.25 | 3.25 | 1.625 | | | | | |

PERFORMANCE DATA

Three Phase – 60Hz - 208-230/460V – NEMA Design B - Max. Ambient: 40° C

| HP | Speed | Frame | NEMA Code | Efficiency (%) | | | Power Factor | | | Torque (ft-lb) | | |
|--------------|-------|------------|-------------|------------------|----------------|----------------|--------------|-------|-------|----------------|------|------|
| | | | | 100% | 75% | 50% | 100% | 75% | 50% | FLT | BDT | LRT |
| 30 | 3545 | 286TSC | G | 91.0 | 92.4 | 92.3 | 0.911 | 0.924 | 0.884 | 44.45 | 91.6 | 60.3 |
| Amps (460V) | | DE Bearing | ODE Bearing | Insulation Class | Enclosure Type | Service Factor | Weight (lbs) | | | | | |
| FLA | LRA | | | | | | | | | | | |
| 33.3 | 217 | 6310 | 6310 | F | TEFC | 1.15 | 528 | | | | | |



North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632

Toll Free: 1-800-884-0405 Phone: 662-429-8049 Fax: 662-429-8546

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50Hz AND 60Hz DATA FOR 3 PHASE AC INDUCTION MOTOR AS IT APPEARS ON THE NAMEPLATE.

XP3630C

| | | | | | | | |
|--|-----------------------|---------------|---------|------------------------|---------|-------------------------|---------------|
| CAT. NO: XP3630C | | FRAME: 286TSC | | ENCL: TEFC | | PHASE: 3 | |
| SHAFT END BRG: 6310 | | | | OPP/END BRG: 6310 | | | |
| MAX. AMB: 40° C | | INS CLASS: F | | RATING: CONT. | | MOTOR WEIGHT: 528LBS | |
| USABLE ON 208V 60HZ AT: 73.6 MAX. AMPS | | | | | | SER: | |
| | | | | | | | |
| 60 HERTZ DATA | HP: 30 RPM: 3545 | | | HP: 30 RPM: 2930 | | | 50 HERTZ DATA |
| | VOLTAGE: 230/460V | | | VOLTAGE: 190/380V | | | |
| | F. L. AMPS: 66.6/33.3 | | | F. L. AMPS: 139.2/69.6 | | | |
| | S.F. AMPS: 77.2/38.6 | | | S.F. AMPS: 139.2/69.6 | | | |
| | S.F. 1.15 | DESIGN: B | CODE: G | S.F. 1.0 | DESIGN: | CODE: H | |
| | NEMA NOM. EFF: 91.0% | | | NEMA NOM. EFF: 89.5% | | | |
| | NOM. P. F.: 0.911 | | | NOM. P. F.: 0.924 | | | |
| | NEMA MIN. EFF.: 89.5% | | | NEMA MIN. EFF.: 87.5% | | | |
| | MAX. KVAR: 5.81 | | | MAX. KVAR: 4.91 | | | |

Note: F.L. = Full Load P.F. = Power Factor S.F. = Service Factor



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