

XP12200

General Purpose Explosion Proof Motor

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



DIMENSIONS – INCHES

| A | B | C | D | E | 2F1 | 2F2 | G | H | J | O |
|------|------|-------|------|-------|------|------|------|------|-----|-------|
| 21.3 | 31.0 | 55.5 | 11 | 9.0 | 20.0 | 25.0 | 1.38 | 0.81 | 3.7 | 23.5 |
| P | R | S | T | U | ES | AA | AB | BA | N-W | Mount |
| 24 | 2.88 | 0.875 | 4.25 | 3.375 | 6.93 | 3 | 21.3 | 7.5 | 8.5 | F1 |

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 |
| 200 | 1185 | 449T | G | 95.0 | 95.4 | 95.3 | 85.4 | 84.9 | 79.7 | 890 | 1780 | 1335 |
| Amps (460V) | | DE Bearing | ODE Bearing | Insulation Class | Enclosure Type | Service Factor | Weight (lbs) | | | | | |
| FLA | LRA | | | | | | | | | | | |
| 232.0 | 1141.4 | NU318 | 6318 | F | TEFC | 1.15 | 2168 | | | | | |



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.

XP12200

| | | | | | | | |
|---|-----------------------|--------------|---------|-----------------------|---------|---------------------------|---------------|
| CAT. NO: XP12200 | | FRAME: 449T | | ENCL: TEFC | | PHASE: 3 | |
| SHAFT END BRG: NU318 | | | | OPP/END BRG: 6318 | | | |
| MAX. AMB: 40° C | | INS CLASS: F | | RATING: CONT. | | MOTOR WEIGHT: 2168 LBS | |
| USABLE ON 208V 60HZ AT: MAX. AMPS | | | | | | SER: | |
| DIVISION I, CLASS I, GROUPS C & D CLASS II, GROUPS E, F & G | | | | | | OP TEMP CODE: T3C | |
| 60 HERTZ DATA | HP: 200 RPM: 1185 | | | HP: 200 RPM: 985 | | | 50 HERTZ DATA |
| | VOLTAGE: 460V | | | VOLTAGE: 380V | | | |
| | F. L. AMPS: 232.0 | | | F. L. AMPS: 281.6 | | | |
| | S.F. AMPS: 266.8 | | | S.F. AMPS: 281.6 | | | |
| | S.F. 1.15 | DESIGN: B | CODE: G | S.F. 1.0 | DESIGN: | CODE: H | |
| | NEMA NOM. EFF: 95.0% | | | NEMA NOM. EFF: 94.1% | | | |
| | NOM. P. F.: 0.854 | | | NOM. P. F.: 0.86 | | | |
| | NEMA MIN. EFF.: 94.1% | | | NEMA MIN. EFF.: 93.0% | | | |
| | MAX. KVAR: 51.3 | | | MAX. KVAR: 43.2 | | | |

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



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