

XP3675

General Purpose Explosion Proof Motor

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



DIMENSIONS – INCHES

| A | B | C | D | E | 2F1 | 2F2 | G | H | J | O |
|------|-------|------|-----|-------|-------|-------|------|------|------|-------|
| 18 | 16.2 | 33.3 | 9 | 7.0 | 11.25 | 12.25 | 1.1 | 0.7 | 3 | 19 |
| P | R | S | T | U | ES | AA | AB | BA | N-W | Mount |
| 19.5 | 1.591 | 0.5 | 2.5 | 1.875 | 2.03 | 3 | 16.5 | 5.88 | 3.75 | 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 |
| 75 | 3555 | 365TS | G | 93.0 | 93.7 | 93.3 | 0.910 | 0.914 | 0.870 | 110.80 | 226.0 | 121.0 |
| Amps (460V) | | DE Bearing | ODE Bearing | Insulation Class | Enclosure Type | Service Factor | Weight (lbs) | | | | | |
| FLA | LRA | | | | | | | | | | | |
| 82.5 | 542 | 6313 | 6313 | F | TEFC | 1.15 | 922 | | | | | |



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

XP3675

| | | | | | | | |
|---|------------------------|--------------|---------|------------------------|---------|-------------------------|---------------|
| CAT. NO: XP3675 | | FRAME: 365TS | | ENCL: TEFC | | PHASE: 3 | |
| SHAFT END BRG: 6313 | | | | OPP/END BRG: 6313 | | | |
| MAX. AMB: 40° C | | INS CLASS: F | | RATING: CONT. | | MOTOR WEIGHT: 922LBS | |
| USABLE ON 208V 60HZ AT: 182.5 MAX. AMPS | | | | | | SER: | |
| DIVISION I, CLASS I, GROUPS C & D CLASS II, GROUPS E, F & G | | | | | | OP TEMP CODE: T3C | |
| 60 HERTZ DATA | HP: 75 RPM: 3555 | | | HP: 75 RPM: 2955 | | | 50 HERTZ DATA |
| | VOLTAGE: 230/460V | | | VOLTAGE: 190/380V | | | |
| | F. L. AMPS: 165.0/82.5 | | | F. L. AMPS: 197.8/98.9 | | | |
| | S.F. AMPS: 189.8/94.9 | | | S.F. AMPS: 197.8/98.9 | | | |
| | S.F. 1.15 | DESIGN: B | CODE: G | S.F. 1.0 | DESIGN: | CODE: H | |
| | NEMA NOM. EFF: 93.0% | | | NEMA NOM. EFF: 92.4% | | | |
| | NOM. P. F.: 0.91 | | | NOM. P. F.: 0.914 | | | |
| | NEMA MIN. EFF.: 91.7% | | | NEMA MIN. EFF.: 91.0% | | | |
| | MAX. KVAR: 15.4 | | | MAX. KVAR: 12.1 | | | |

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



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