



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

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|---|-----------------------------|---------------|
| MOTOR SERIES | TECO MAX-Ex (Exe,ExnA,ExtD) | |
| START METHOD | | DIRECT ONLINE |
| KW RATING | | 0.37 |
| VOLTAGE | (V) | 240 |
| PHASES | | 3 |
| FREQUENCY | (Hz) | 50 |
| NO OF POLES | | 8 |
| FRAME | | 90S |
| SPEED | | |
| SYNCHRONOUS | (rpm) | 750 |
| FULL LOAD | (rpm) | 710 |
| CURRENT | | |
| FULL LOAD | (Amps) | 2.13 |
| LOCKED ROTOR | % | 388 |
| TORQUE | | |
| FULL LOAD TORQUE | (Nm) | 4.98 |
| STARTING TORQUE | % | 214.5 |
| MINIMUM TORQUE | % | 209 |
| BREAKDOWN TORQUE | % | 291.5 |
| ROTOR INERTIA (J = GD²/4) | (Kgm ²) | 0.0045 |
| EFFICIENCY | | |
| 100% LOAD | % | 70.5 |
| 75% LOAD | % | 68 |
| 50% LOAD | % | 62.5 |
| POWER FACTOR | | |
| 100% LOAD | % | 60 |
| 75% LOAD | % | 51 |
| 50% LOAD | % | 39.5 |
| INSULATION CLASS | | F/H |
| ENCLOSURE TYPE | | TEFC |
| IP RATING | | 66 |
| WEIGHT OF MOTOR | kgs | 22 |
| BEARINGS | | |
| DRIVE END | | 6205 ZZ C3 |
| NON DRIVE END | | 6205 ZZ C3 |
| NO LOAD SOUND PRESSURE LEVEL @ 1M | dbA | 49 |
| DESIGN STANDARD | | AS1359 |
| CERTIFICATION | | |
| TEMPERATURE RISE ABOVE AMBIENT | | < 80 DEG C |