



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

| | | |
|---|-----------------------------|----------------|
| MOTOR SERIES | TECO MAX-Ex (Exe,ExnA,ExtD) | |
| START METHOD | | DIRECT ON LINE |
| KW RATING | | 11 |
| VOLTAGE | (V) | 415 |
| PHASES | | 3 |
| FREQUENCY | (Hz) | 50 |
| NO OF POLES | | 2 |
| FRAME | | 160M |
| SPEED | | |
| SYNCHRONOUS | (rpm) | 3000 |
| FULL LOAD | (rpm) | 2945 |
| CURRENT | | |
| FULL LOAD | (Amps) | 18 |
| LOCKED ROTOR | % | 777 |
| TORQUE | | |
| FULL LOAD TORQUE | (Nm) | 35.6 |
| STARTING TORQUE | % | 253 |
| MINIMUM TORQUE | % | 203.5 |
| BREAKDOWN TORQUE | % | 313.5 |
| ROTOR INERTIA (J = GD²/4) | (Kgm ²) | 0.046 |
| EFFICIENCY | | |
| 100% LOAD | % | 93.2 |
| 75% LOAD | % | 92.5 |
| 50% LOAD | % | 92 |
| POWER FACTOR | | |
| 100% LOAD | % | 91 |
| 75% LOAD | % | 89 |
| 50% LOAD | % | 83.5 |
| INSULATION CLASS | | F/H |
| ENCLOSURE TYPE | | TEFC |
| IP RATING | | 66 |
| WEIGHT OF MOTOR | kgs | 133 |
| BEARINGS | | |
| DRIVE END | | 6309 ZZ C3 |
| NON DRIVE END | | 6307 ZZ C3 |
| NO LOAD SOUND PRESSURE LEVEL @ 1M | dbA | 70 |
| DESIGN STANDARD | | AS1359 |
| CERTIFICATION | | |
| TEMPERATURE RISE ABOVE AMBIENT | | < 80 DEG C |