



Model MSPH80A2C
MFG PN: EMU802D0301

| ELECTRICAL DATA | | |
|-------------------------------------|----------|----------------------------|
| Rated Motor Output Power | 1 | HP |
| | 0.75 | kW |
| Rated Motor Speed | 3360 | r/min 60Hz |
| | - | r/min 50Hz |
| Rated Motor Voltage (+/-10%) | 115/230 | V/60Hz |
| | - | V/50Hz |
| Rated Motor Current | 10.6/5.3 | A (I _n) @ 60Hz |
| | - | A (I _n) @ 50Hz |
| Phase | 1 | ∅ |
| Locked Rotor Current @ High Voltage | - | A (I _n) @ 60Hz |
| FI Current @ 208V | - | A (I _n) @ 60Hz |
| Service Factor | 1 | @ 60Hz |
| | - | @ 50Hz |
| KVA Code | - | 60Hz |
| | - | 50Hz |
| Nominal Efficiency | 68.4 | % @ 60Hz |
| Nominal Power Factor | 0.9 | cosΦ @ 60Hz |
| Leads (Qty, Size) | - | - |
| Connection | - | - |
| Coil Resistance | - | Ω |
| Start Capacitor | - | μF/V |
| Run Capacitor | - | μF/V |
| VFD DUTY (S.F. 1.0) | RATIO | Hz |
| Variable Torque | - | - |
| Constant Torque | - | - |
| FULL LOAD TEMPERATURE RISE | | |
| Full Load Temperature Rise | - | °C @ 60Hz |
| | - | °C @ 50Hz |

| GENERAL DATA | | |
|---|------------------|-------|
| Frame Size | 80 | |
| Enclosure | TEFC | |
| Mounting | B3 | |
| Approximate Weight (lbs.) | 21 lbs. | |
| Casing Material / Fan Cover | Cast Aluminum | Steel |
| Shaft Material | 1045 | |
| NEMA Design | - | |
| Degree of Protection (IP) | 54 | |
| Insulation Class / Temp Rise (60Hz) | F | B |
| Tropicalization | | |
| Duty | Cont. / S1 | |
| Conduit Box Location | Fixed | |
| Feet Removable / Double Drilled | YES | NO |
| Paintwork | 7024 | |
| | Graphite Gray | |
| MECHANICAL DATA | | |
| Bearing DE Side | 6204 2RS CM | |
| Bearing ODE Side | 6204 2RS CM | |
| Grease Type | Mobil Polyrex EM | |
| Compensation Ring (wavy washer) | DE | |
| Moment of Inertia (lb-ft ²) | - | |
| Sound Pressure @ 3 FT dBA | - | |
| SITE CONDITIONS | | |
| Ambient Temperature (°C) | 40 | |
| Meters Above Sea Level (MASL) | 1000 | |
| HAZARDOUS LOCATIONS | | |
| CSA Certified | - | |
| Temperature Code | - | - |

Questions? Call 1.888.286.1820