



Model MSPH90LA4A
MFG PN: EMU904D0302

ELECTRICAL DATA		
Rated Motor Output Power	2	HP
	1.5	kW
Rated Motor Speed	1700	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115	V/60Hz
	-	V/50Hz
Rated Motor Current	18.60	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	82.5	% @ 60Hz
Nominal Power Factor	0.85	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	90L	
Enclosure	TEFC	
Mounting	B3	
Approximate Weight (lbs.)	35.8 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	6205 2RS CM	
Bearing ODE Side	6205 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