



WORLDWIDE ELECTRIC MOTOR DATA SHEET

FARM2-18-182T



HORSEPOWER	2		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 V / 1		
FRAME	182T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ		
FULL LOAD SPEED	1740 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS	8.5 A		
LOCKED ROTOR AMPS (STARTING)	70.0 A		
NO LOAD CURRENT	2.7 A		
NEMA CODE LETTER	K		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	82.5%	0.92
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	6.04 lb.ft.	340%	250%
SLIP	3.60%		
NEMA DESIGN	L		
MOMENT OF INERTIA	0.35 lb.ft.²		
MAX. TIME LOCKED ROTOR (Hot)	20 Seconds		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
BASE TYPE	Rigid Base		
DE BEARING	6206ZZ		
ODE BEARING	6205ZZ		
REGREASING INT. - DE BEARING	---		
REGREASING INT. - ODE BEARING	---		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1		
ROTATION	Bi-Directional		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 V - 6 Lead		
APPROXIMATE WEIGHT	74 lbs.		
REPLACEMENT PARTS	Capacitor (Start)	SCFARM2 (200µF/300V)	
	Capacitor (Run)	RCFARM2 (35µF/450V)	
	Endbell (DE)	FEBELLFARM180	
	Endbell (ODE)	REBELLFARM180-2	
	Fan	FAN182TEFC	
	Fan Cover	FCOVERFARM180	
	Junction Box	JBXFARM180	
	Overload (Manual)	PROFARM2	
	Switch (Centrifugal)	CSWITCHFARM2	





WORLDWIDE ELECTRIC MOTOR DRAWING

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