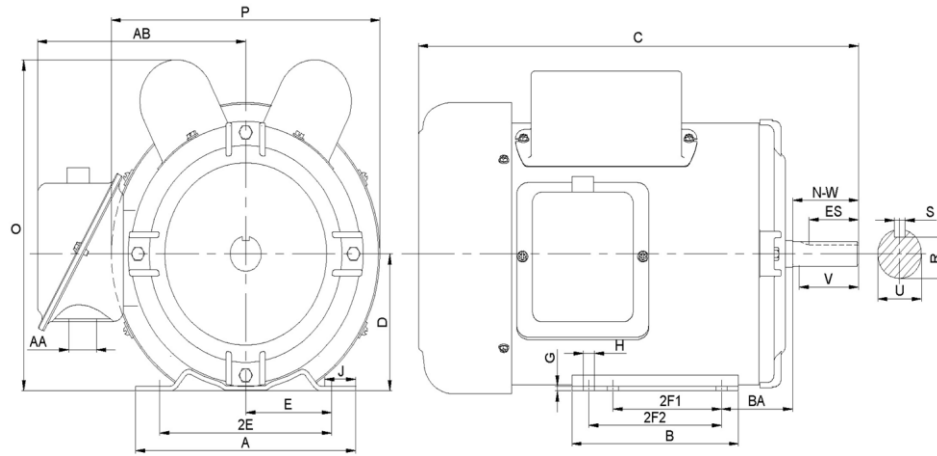




F145T2S4C-MO

FARM DUTY ELECTRIC MOTOR
 HIGH STARTING TORQUE - MANUAL OVERLOAD
 SINGLE PHASE - CAPACITOR START / CAPACITOR RUN
 ROLLED STEEL CONSTRUCTION
 TOTALLY ENCLOSED FAN COOLED



DIMENSIONS

HP	RPM	Frame	MOUNTING														
			A	B	C	D	G	H	J	E	2E	2F1	2F2	O	P	T	BA
2	1800	145T	6.54	5.91	14.19	3.5	0.12	0.34	1.18	2.75	5.5	4	5	8.46	7.01	NA	2.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
0.875	2	0.771	0.188	1.41	2.25	0.81	6.18	6205-2RZC3	6203-2RZC3	F1

BEARING LUBRICATION: The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.





F145T2S4C-MO





FARM DUTY ELECTRIC MOTOR
HIGH STARTING TORQUE - MANUAL OVERLOAD
SINGLE PHASE - CAPACITOR START / CAPACITOR RUN
ROLLED STEEL CONSTRUCTION
TOTALLY ENCLOSED FAN COOLED

PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
2	1745	145T	115/208-230	60	1.15	F	L	3.1	J	TEFC	55	40 °C

Amps (230V)		Efficiency (%)			Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	100%	75%	50%	FLT	LRT %	BDT %				
8.3	63	82.0	75.0	67.9	0.96	0.94	0.90	6.01	293	245	6205-2RZC3	6203-2RZC3	5 Lead/P1,P2	50

NAME PLATE

 FARM DUTY SINGLE PHASE AC ELECTRIC MOTOR HIGH STARTING TORQUE MANUAL OVERLOAD PROTECTION																																																			
MODEL	F145T2S4C-MO	HP	2																																																
FRAME	145T	ENCL	TEFC																																																
RPM	1745	PH	1																																																
DESIGN	L	CODE	J																																																
		HZ	60																																																
		CLASS	F																																																
		S.F.	1.15																																																
EFFICIENCY	82.0 %	P.F.	0.96																																																
		IP RATING	55																																																
DE BRG	6205-2RZC3	ODE BRG	6203-2RZC3																																																
VOLT	115/208-230	LBS	50																																																
AMPS	16.5/9-8.3	DUTY	CONT																																																
S.F.AMPS	19/11-9.6	MAX AMB	40 °C																																																
CONNECTION	5 Lead/P1,P2	SER #																																																	
<table border="0"> <tr> <td>CCW</td> <td>LOW VOLTAGE</td> <td>CW</td> <td>CCW</td> <td>HIGH VOLTAGE</td> <td>CW</td> </tr> <tr> <td>P1</td> <td>— L1 —</td> <td>P1</td> <td>P1</td> <td>— L1 —</td> <td>P1</td> </tr> <tr> <td>P2</td> <td>—</td> <td>P2</td> <td>P2</td> <td>—</td> <td>P2</td> </tr> <tr> <td>T3</td> <td>—</td> <td>T3</td> <td>T3</td> <td>—</td> <td>T3</td> </tr> <tr> <td>T8</td> <td>—</td> <td>T5</td> <td>T8</td> <td>—</td> <td>T5</td> </tr> <tr> <td>T2</td> <td>—</td> <td>T2</td> <td>T2</td> <td>—</td> <td>T2</td> </tr> <tr> <td>T4</td> <td>— L2 —</td> <td>T4</td> <td>T4</td> <td>— L2 —</td> <td>T4</td> </tr> <tr> <td>T5</td> <td>—</td> <td>T8</td> <td>T5</td> <td>—</td> <td>T8</td> </tr> </table>				CCW	LOW VOLTAGE	CW	CCW	HIGH VOLTAGE	CW	P1	— L1 —	P1	P1	— L1 —	P1	P2	—	P2	P2	—	P2	T3	—	T3	T3	—	T3	T8	—	T5	T8	—	T5	T2	—	T2	T2	—	T2	T4	— L2 —	T4	T4	— L2 —	T4	T5	—	T8	T5	—	T8
CCW	LOW VOLTAGE	CW	CCW	HIGH VOLTAGE	CW																																														
P1	— L1 —	P1	P1	— L1 —	P1																																														
P2	—	P2	P2	—	P2																																														
T3	—	T3	T3	—	T3																																														
T8	—	T5	T8	—	T5																																														
T2	—	T2	T2	—	T2																																														
T4	— L2 —	T4	T4	— L2 —	T4																																														
T5	—	T8	T5	—	T8																																														
Hernando, MS www.naemotors.com   																																																			

APPLICATIONS:

General purpose use on pumps, fans, conveyors, poultry equipment, air compressors and other farm duty machinery requiring high starting torques.