

F145T1.5S4C-MO

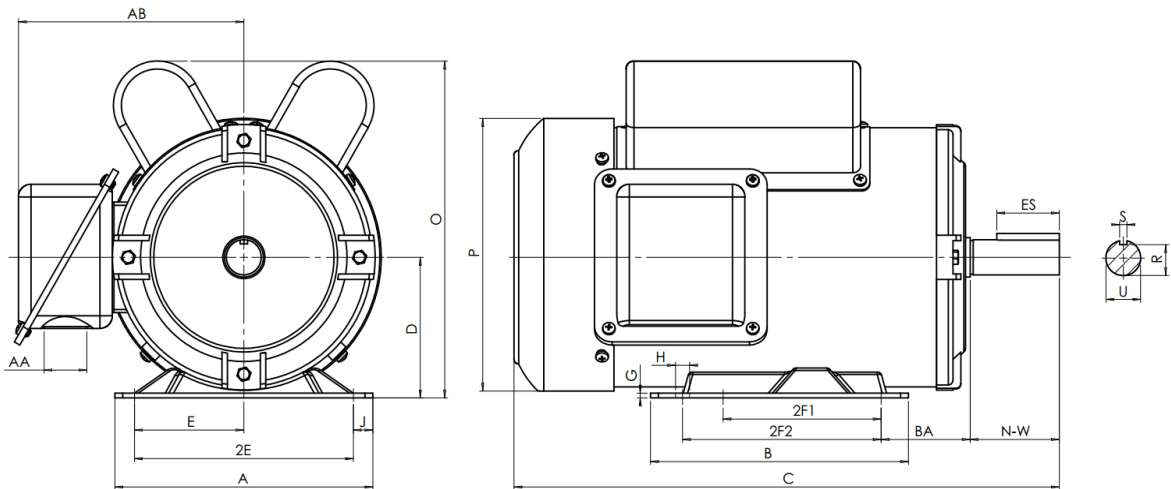
FARM DUTY ELECTRIC MOTOR

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
1.5	1800	145T	6.54	6.5	12.6	3.5	0.12	0.34	0.5	2.75	5.5	4	5	8.46	6.8	NA	2.25

Shaft Extension, Key Set						Conduit Box		Bearings		Mount
U	V	R	S	ES	N-W	AA	AB	DE	ODE	
0.875	NA	0.771	0.188	1.41	2.25	1.1	5.75	6205-2RZC3	6203-2RZC3	F1

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

ISO9001
CERTIFIED

CE

CSA
C US



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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
1.5	1750	145T	115/208-230V	60	1.15	F	L	277.8	J	TEFC	55	40°C

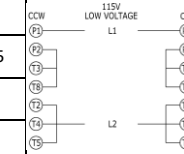
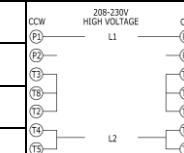
Amps (230V)		Efficiency (%)			Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	100%	75%	50%	FLT	LRT %	BDT %				
6.2	45.6	81.7	78.5	71.5	0.96	0.95	0.92	4.52	280	260	6205-2RZC3	6203-2RZC3	5 Lead/P1,P2	45

NAME PLATE



North American Electric, Inc.

1 PHASE AC INDUCTION MOTOR

CAT NO.	F145T1.5S4C-MO			FRAME	145T	PH	1	
HZ	60	SF	1.15	ENCL	TEFC	IP	55	
HP	1.5	RPM	1750	DUTY	CONT	DES	L	
VOLTS		115/208-230V		AMB	40 °C	INS	F	
FLA	12.41/6.86-6.2			DE.BRG	6205-2RZC3			
CODE	J	P.F	0.96	ODE.BRG	6203-2RZC3			
EFF	81.7			LBS	45			
CONNECTION		5 Lead/P1,P2		SER NO				
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APPLICATIONS:

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