



Customer information packet

ECS101M0H5EF4

5HP, 1800RPM, 3PH, 60HZ, 184T, TEFC, N

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	184T
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Phase	3
Agency Approvals	UL WEEE
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Constant Torque Speed Range	6
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	9 @ 12 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3632B

Part detail

Revision	V
Type	AC
Mech. spec.	36T257
Base	
Status	PRD/A
Elec. spec.	36WGL051
Layout	36LYT257
Eff. date	10-15-2025
CD Diagram	CD0005
Poles	04
Leads	9#12
Proprietary	False
Created date	12-12-2018

Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.54 IN
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Shaft Diameter	1.125 IN
Shaft Ground Indicator	Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	INVERTER SPECIAL
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

BALDOR • RELIANCE

EC-Titanium™

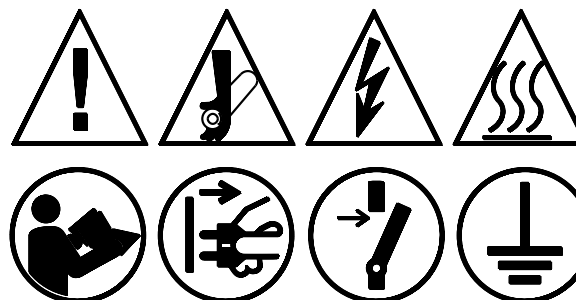
CAT. NO.	ECS101M0H5EF4									
SPEC.	36T257L051G1							YR	***	
FRAME	184T			ENCL.		TEFC		IP	54	
HP	5		RATING		40C AMB-CONT					
NOM. EFF.	93.7		PF		97		SF		1.5	
VOLTS	230/460				FLA		10.5/5.3			
RPM	1800			RPM MAX			4000			
HZ	60			PH.		3		CLASS		F
BEMF (V)	126/252				Rs (Ω)		0.82/3.30			
Ld (mH)	13.5/54.0				Lq (mH)		47.8/191.0			
INV TYP	VPWM		CHP		60		TO 133		HZ	
	CT	6			TO 60 HZ		VT	1 TO 133 HZ		
MATCHED INV	ACS380-04XX-[N/A]/07A2-4									
BEARING	DE	6206				ODE		6205		
SERIAL#	***									

ELECTRIC MOTOR FOR INDUSTRIAL USE



ABB MOTORS AND MECHANICAL INC.
5711 R.S. BOREHAM JR. ST., FORT SMITH, AR. MFG IN U.S.A.

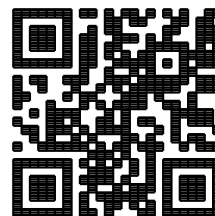
FERRITE ASSISTED
SYNCHRONOUS RELUCTANCE MOTOR
FOR INVERTER USE ONLY



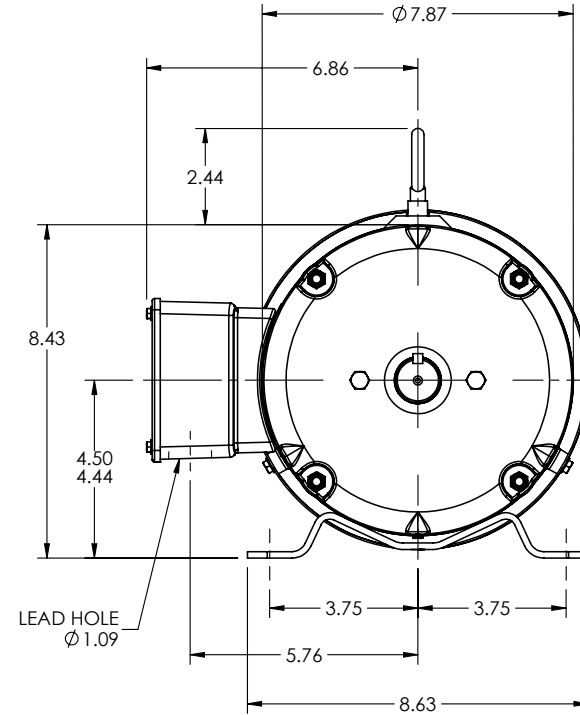
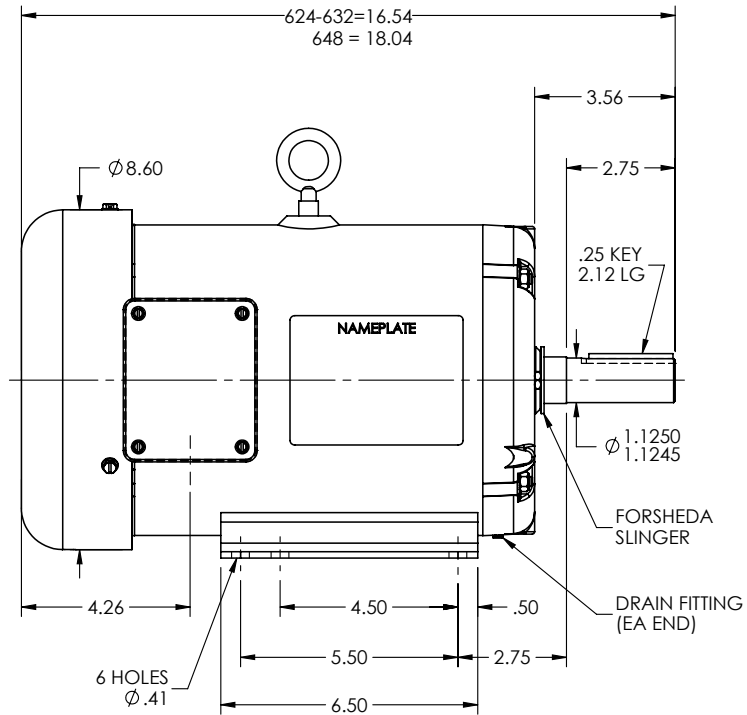
PERMANENT MAGNET MOTOR. WHEN SHAFT IS
ROTATED, VOLTAGE WILL BE GENERATED AT
THE MOTOR TERMINALS.

MOTEUR À AIMANT PERMANENT. LORSQUE
L'ARBRE TOURNE, UNE TENSION SERA
GÉNÉRÉE AUX BORNES DU MOTEUR.

BALDOR-RELIANCE
SHAFT GROUNDING BRUSH INSTALLED



36LYT257



REV. DESC: CHANGE NAMEPLATE TO NP4246A01

REV: K

VERSION: 10

REVISED: 07:22:51 10/06/2022

TDR: 000001196734



MODEL NO. 36LYT257

REF: -

BY: ENALEM0

Material: -

BALDOR

HOR 182-4T TEFC B EYEBOLT INT SH GND ECS

36LYT257

