



Customer information packet

SPM4314T

60HP, 1785RPM, 3PH, 60HZ, 364T, A36070M, TEFC

Class - CLI GP A,B,C,D; CLII GP F,G

Division - Division II

Specifications

Enclosure	TEFC
Frame	364T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP A,B,C,D; CLII GP F,G
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV CURUSEEV NEMA PREMIUM
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	140.000 A @ 230.0 V 150.000 A @ 208.0 V 70.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.4 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	70.0 a
Insulation Class	F
Inverter Code	Inverter Ready

Part detail

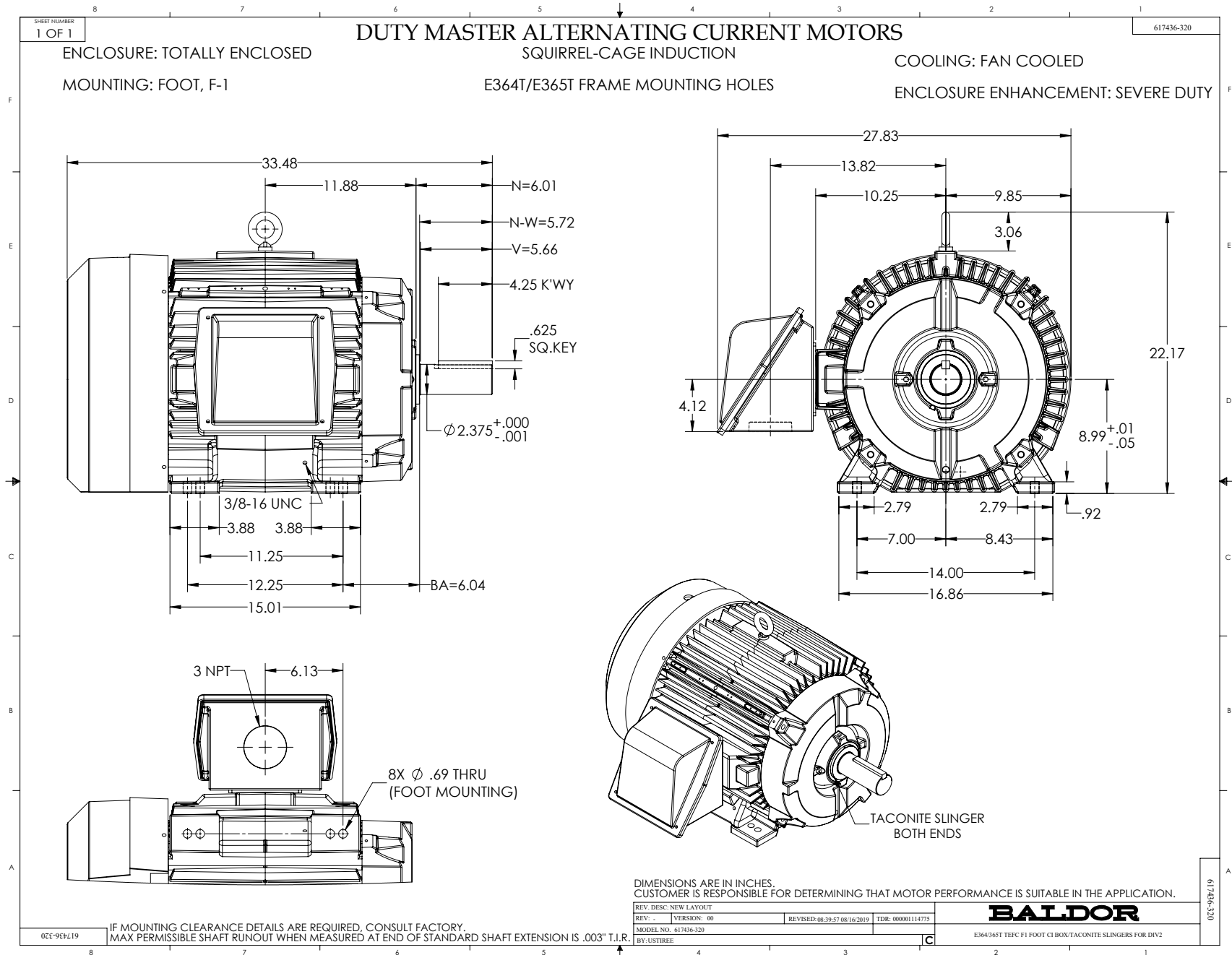
Revision	-
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG4076
Layout	617436-320
Eff. date	07-22-2025
CD Diagram	416820-002
Poles	04
Leads	3#4,6#6
Proprietary	False
Created date	07-21-2025

KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36070M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	33.48 IN
Power Factor	84
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.374 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

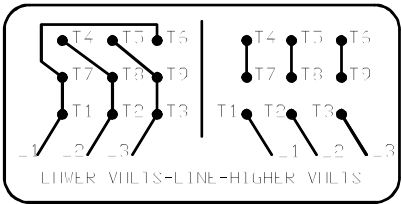
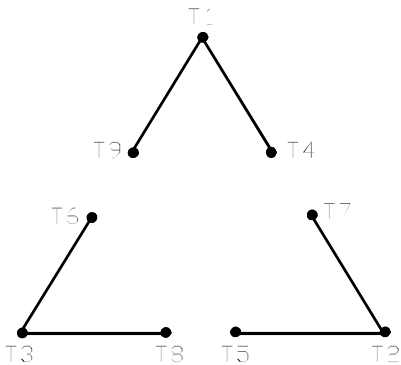
NP4562L																												
CAT NO	SPM4314T			SPEC NO.			A36-0009-4076				I.P.		55															
HP	60		AMPS		140/70		VOLTS		230/460		DESIGN		A															
FRAME SIZE	364T		RPM		1785		MAX RPM		2700		HZ		60		AMB		40		C									
D.E. BRG.	65BC03J30X				PH.3		3		DUTY		CONT		INSUL.CLASS				F											
O.D.E. BRG.	65BC03J30X				TYPE P		P		ENCL		TEFC		SF		1.15		CODE		J									
POWER FACTOR	84		MAX CORR KVAR				14.8		NEMA NOM EFFICIENCY								95.4		MOTOR WEIGHT				LBS					
CL.I,DIV 2,GRP:	A,B,C,D		T.CODE		T3		CL.1,ZONE 2,GRP:						IIA,IIB,IIC				T=		200		C		INVERTER T.CODE		T3			
CL.II,DIV 2,GRP:	F,G		T.CODE		T3C		CL II ZONE 22 GRPS IIIB						T=				160		C		INVERTER T.CODE		T3C					
ID LOGO	INV TYPE:		VPWM		CT		15		TO		60		VT		3		TO		60		CHP		60		TO		90	
ID LOGO	1.0 SF VPWM				WK2		16.2		LBFT2		SL HZ		0.5		MAG CUR				54/27									
SER.NO.					MEETS INTENT OF IEEE-45								FOR WEATHER PROTECTION															

NP2496L	
MOBIL POLYREX EM	



416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

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BALDOR - RELIANCE®

CONN DIAG — STANDARD 9 LEAD, DELTA-CONNECTED
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