



Customer information packet

CSPM4314T

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

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

Division - Division II

Specifications

Enclosure	TEFC
Frame	364TC
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
Heater Indicator	No Heater
High Voltage Full Load Amps	70.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	J

Part detail

Revision	-
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG4076
Layout	617431-560
Eff. date	07-22-2025
CD Diagram	416820-002
Poles	04
Leads	3#4,6#6
Proprietary	False
Created date	07-22-2025

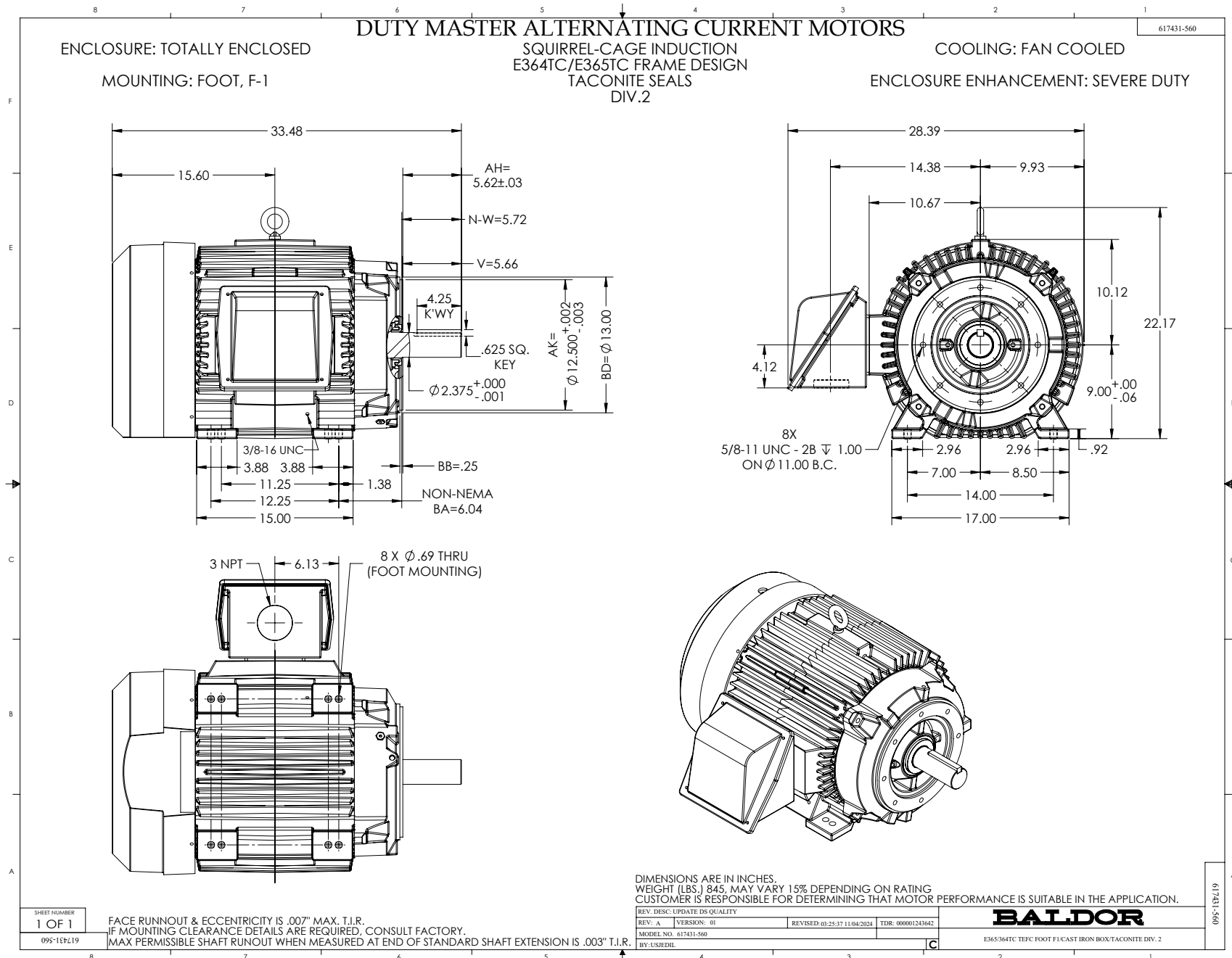
Lifting Lugs	Standard Lifting Lugs
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36070M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	33.48 IN
Power Factor	84
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
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

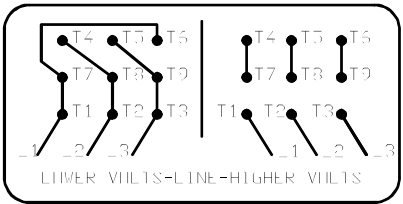
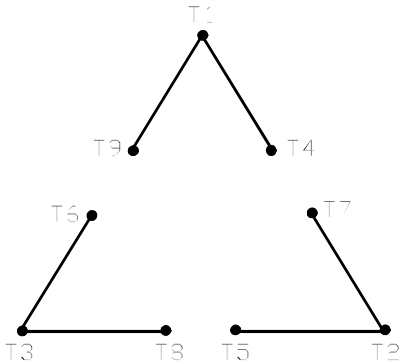
CAT NO	CSPM4314T			SPEC NO.		A36-0011-4076			I.P.		55																											
HP	60		AMPS		140/70		VOLTS		230/460		DESIGN		A																									
FRAME SIZE	364TC		RPM		1785		MAX RPM		2700		HZ		60		AMB		40				C																	
D.E. BRG.	65BC03J30X				PH.3		3		DUTY		CONT		INSUL.CLASS				F																					
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				965		LBS															
CL.I,DIV 2,GRP:	A,B,C,D		T.CODE		T3C		CL.1,ZONE 2,GRP:						IIA,IIB,IIC				T=		160		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				T3													
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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