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# Customer information packet

## CSPM4110T

40HP, 1775RPM, 3PH, 60HZ, 324TC, 1288M, TEFC, F

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

Division - Division II

## Specifications

Enclosure	TEFC
Frame	324TC
Frame Material	Cast 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	40.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CURUSEEV NEMA_PREMIUM WEEE CSA
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	46.000 A @ 460.0 V 92.000 A @ 230.0 V 102.000 A @ 208.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None

## Part detail

Revision	-
Type	AC
Mech. spec.	12T118
Base	
Status	PRD/A
Elec. spec.	12WGZ339
Layout	12LYT118
Eff. date	01-14-2025
CD Diagram	CD0180
Poles	04
Leads	9#8
Proprietary	False
Created date	09-19-2024

<b>Haz Area Temp Code</b>	T3C
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	46.0 a
<b>Insulation Class</b>	F
<b>Inverter Code</b>	Inverter Duty
<b>KVA Code</b>	J
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Locked Bearing Indicator</b>	Locked Bearing
<b>Max Speed</b>	2700 rpm
<b>Motor Lead Quantity/Wire Size</b>	9 @ 8 AWG
<b>Motor Lead Termination</b>	Flying Leads
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	1288M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	30.71 IN
<b>Power Factor</b>	85
<b>Product Family</b>	Chemical Processing (Not DC)
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	C-Face
<b>Pulley Shaft Indicator</b>	Standard
<b>Rodent Screen</b>	None
<b>RoHS Status</b>	ROHS COMPLIANT
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	2.125 IN
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed</b>	1775 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None
<b>Vibration Sensor Indicator</b>	No Vibration Sensor

Winding Thermal 1	None
Winding Thermal 2	None

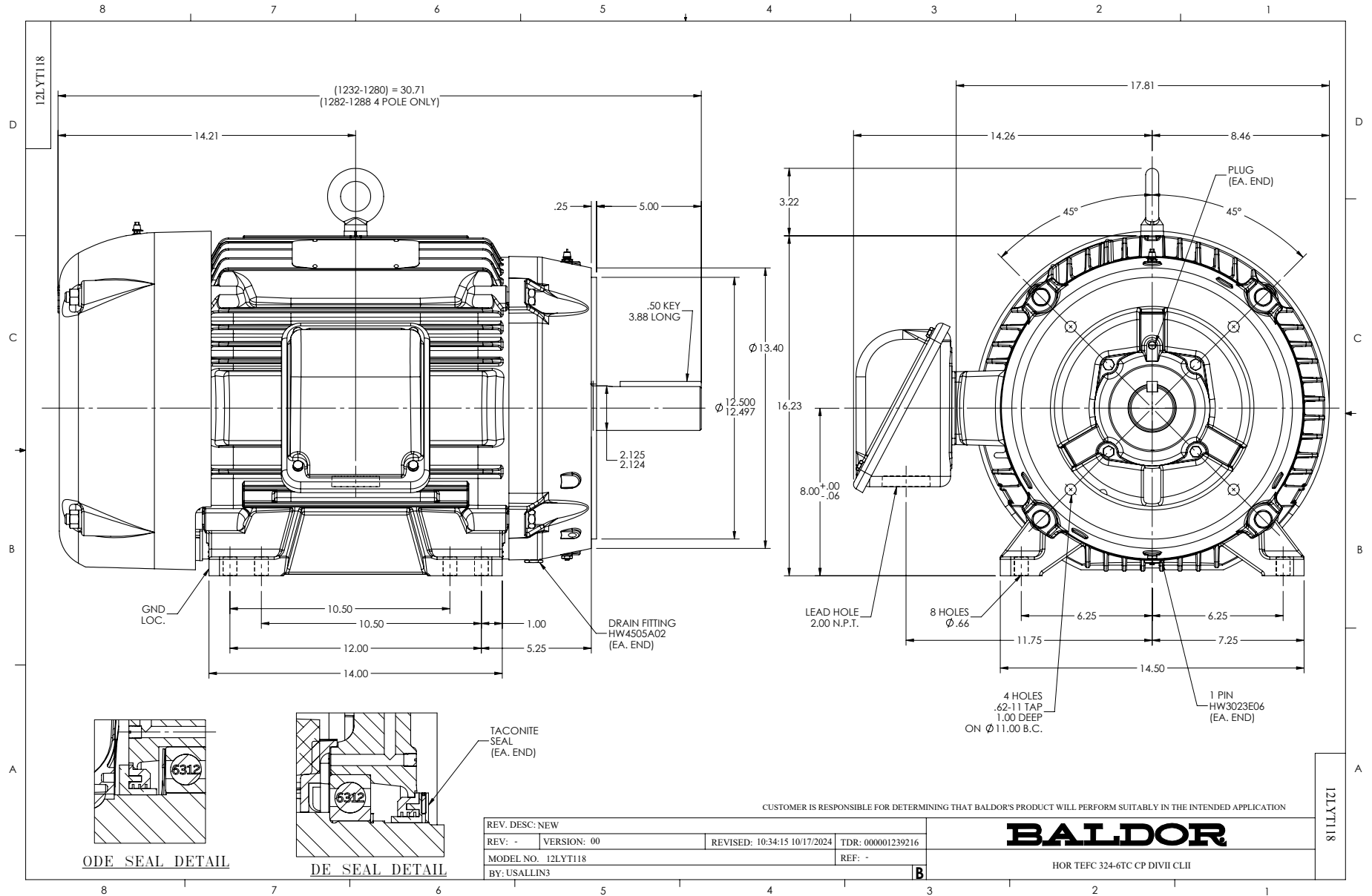
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Nameplate

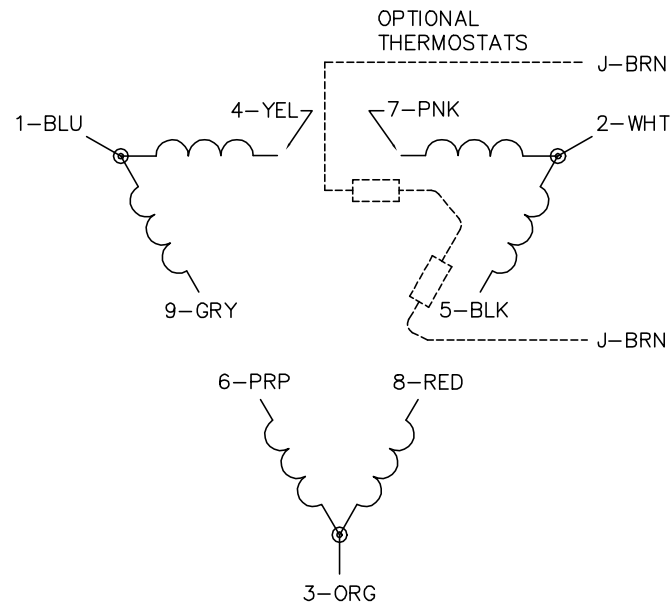
NP4439B05C23L

CAT #	CSPM4110T	SER #		CC	010A	WGT	720	LBS	
SPEC	12T118Z339	FRAME	324TC	ENCL	TEFC	IP	55		
RATING	40C AMB-CONT				NEMA NOM. EFF	95			
HP	40	VOLTS	230/460						
AMPS	92/46		RPM	1775	HZ	60			
PH	3	CL	F	CODE	J	DES	A	PF	85 %
						SER.F.	1.15	SF AMP	
DE BRG	6312		ODE BRG	6312		LUBE	POLYREX EM		
INV TYPE:	VPWM	SL HZ	0.83	CHP	60	TO	90	1.5:1	
WK2	11.7	LBFT2	MAX RPM	2700	CT	6	TO	60	10:1
MAG CUR	39/19.5		VT	3	TO	60	20:1		
					MEETS INTENT OF IEEE-45		FOR WEATHER PROTECTION		
CL I DIV 2 GRPS A,B,C,D			TEMP CODE	T3C	CL I INV TEMP CODE		T3	TEMP=	200
CL I ZONE 2 GRPS		IIA,IIB,IIC	TEMP =	160	CL II INV TEMP CODE		T3	TEMP =	200
CL II DIV 2 GRPS F&G			TEMP CODE	T3C	1.0 SF ON PWM INVERTER		POWER		
CL II ZONE 22 GRPS IIIB			TEMP=	160					

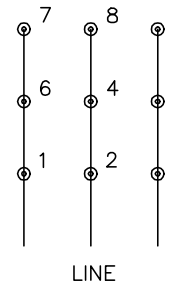
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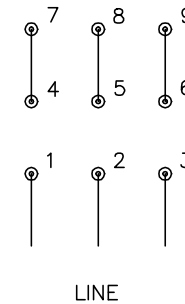
CD0180



LOW VOLTAGE  
(2D)



HIGH VOLTAGE  
(1D)



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0180

REV. DESC: ADD CLASS CONN00000007		
REV. LTR: D	VERSION: 01	TDR: 000001099922
FILE: \AAA\00005\148	REVISED: 10: 25: 29 02/19/2019	BY: ENBRIRO
MTL: -	© □	

**BALDOR - RELIANCE®**

3PH, DV, 9 LEADS, DELTA CONNECTION

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