ABB BALDOR RELIANCE

Customer information packet

IDVSNM3582T

1HP, 1170RPM, 3PH, 60HZ, 145TC, 0532M, TENV, F1
Class - None
Division - Not Applicable

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Specifications

Enclosure	TENV
Frame	145TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	1.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	UR
	CSA
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	1.900 A @ 460.0 V
	3.800 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	82.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	1.9 a
Insulation Class	F

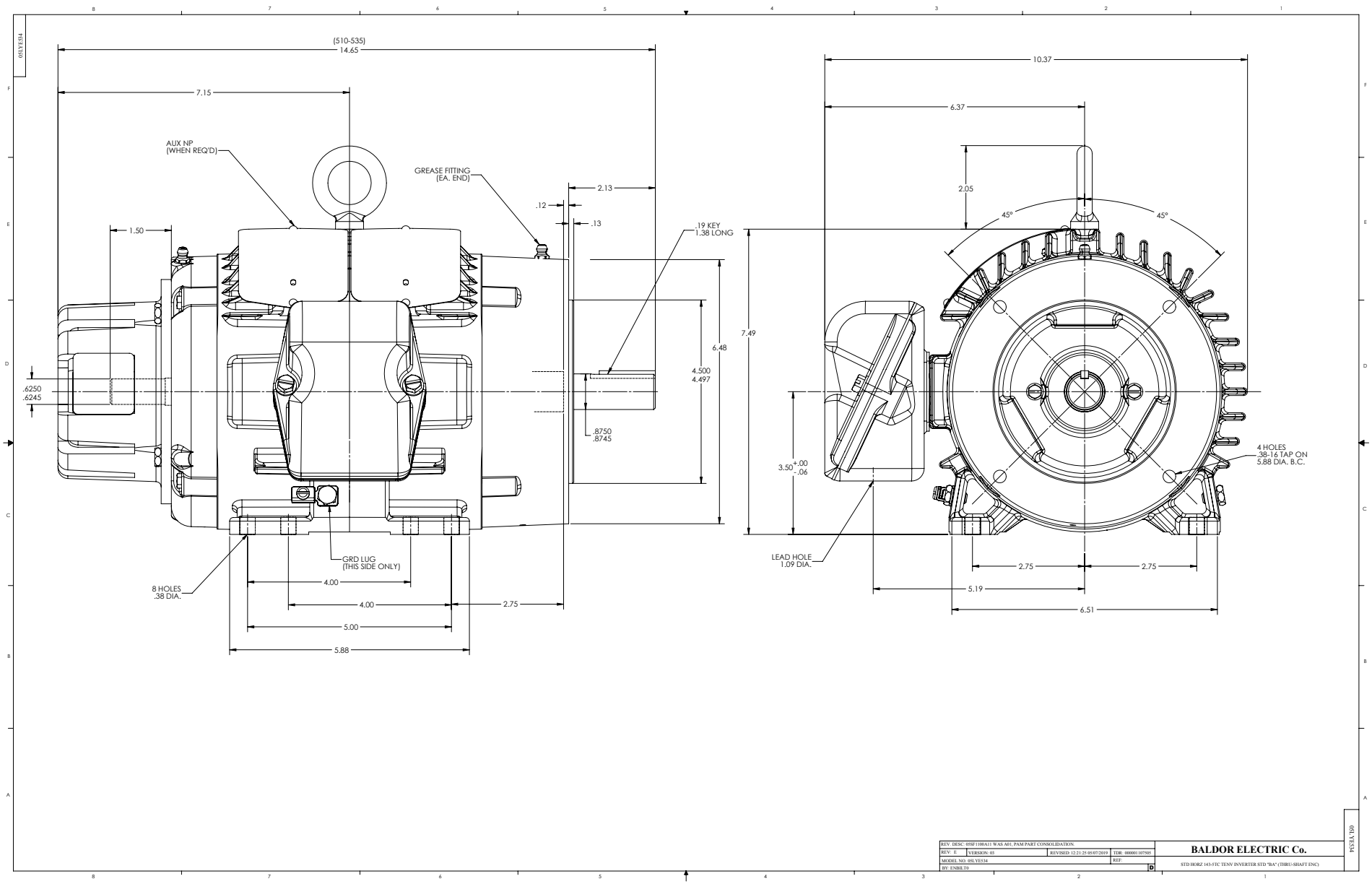
Part Detail

Revision	B
Type	AC
Mech. spec.	05E534
Base	
Status	PRD/A
Elec. spec.	05WGX576
Layout	05LYE534
Eff. date	08-19-2026
CD Diagram	CD0005
Poles	06
Leads	9#18
Proprietary	False
Created date	09-09-2022

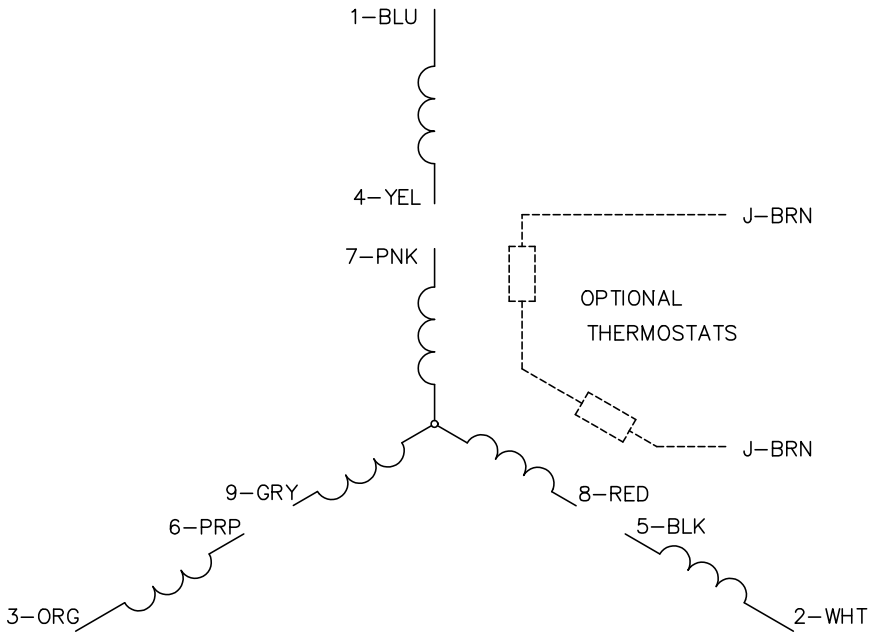
Inverter Code	Not Inverter
IP Rating	NONE
KVA Code	L
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	1800 rpm
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0532M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	14.65 IN
Power Factor	61
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1170 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

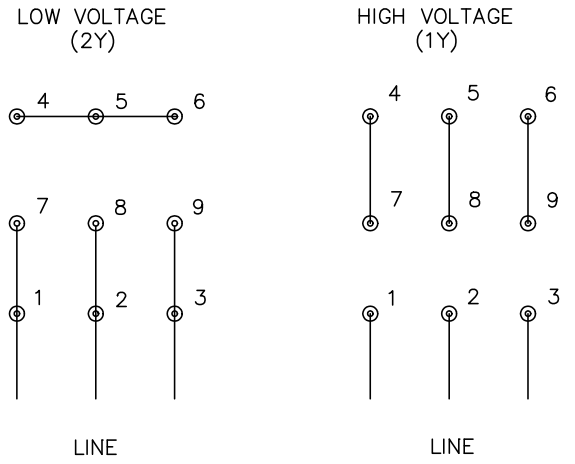
Nameplate

NP4564L							
CAT.NO.	IDVSNM3582T						
SPEC.	05E534X576G1						
FRAME	145TC	**H.P.**	1				
VOLTS	230/460						
MAG. CUR.	2.6/1.3			**F.L. AMPS**	3.8/1.9		
R.P.M.	1170	**R.P.M. MAX**		1800			
HZ.	60	**PH.**	3	**CLASS**	F		
SER.F.	1.00		**SL HZ**	1.5			
NEMA NOM. EFF.	82.5	**WK2**	0.232				
RATING	40C AMB-CONT					**ENCL**	TENV
DE	6205	**ODE**	6203				
CC	010A	**SN**					
	1000:1 CT/VT						


(510-535)
14.65
7.15
AUX NP
(WHEN REQ'D)
GREASE FITTING
(EA. END)
2.13
.12
.13
.19 KEY
1.38 LONG
1.50
6.48
4.500
4.497
.6250
.6245
.8750
.8745
GRD LUG
(THIS SIDE ONLY)
8 HOLES
.38 DIA.
4.00
4.00
2.75
5.00
5.88
10.37
6.37
2.05
45°
45°
7.49
3.50 +.00 -.06
4 HOLES
.38-16 TAP ON
5.88 DIA. B.C.
LEAD HOLE
1.09 DIA.
2.75
2.75
5.19
6.51
BALDOR ELECTRIC Co.
STD HORZ 143-5TC TENV INVERTER STD "BA" (THRU-SHAFT ENC)
05LYE534

CD0005





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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS