ABB BALDOR RELIANCE

Customer information packet

09-0000-1074

15/11KWHP, 1765 1/MIN IC411RPM, 3PH, 60H
Class - None
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	254TCZ
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	15.000 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	CE
	CSA
	CSA EEV
	NEMA PREMIUM
	NEMA PREMIUM (OLD LOGO)
	UR
	WEEE
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	36.200 A @ 230.0 V
	18.100 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	92.4 %
Electrically Isolated Bearing	Not Electrically Isolated

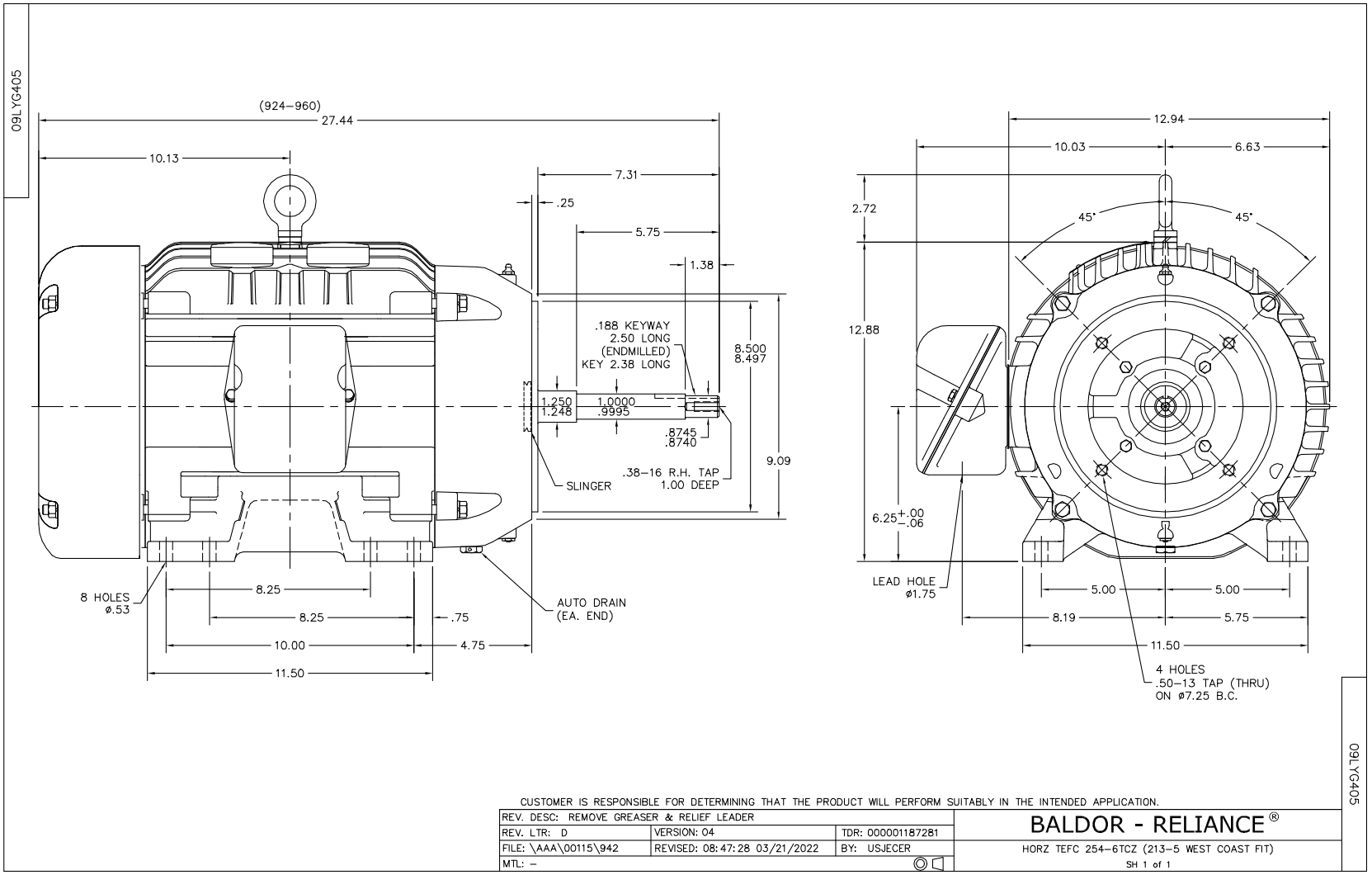
Part Detail

Revision	N
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	09WGZ910
Layout	09LYG405
Eff. date	04-09-2025
CD Diagram	CD0005
Poles	04
Leads	9#12
Proprietary	False
Created date	02-12-2019

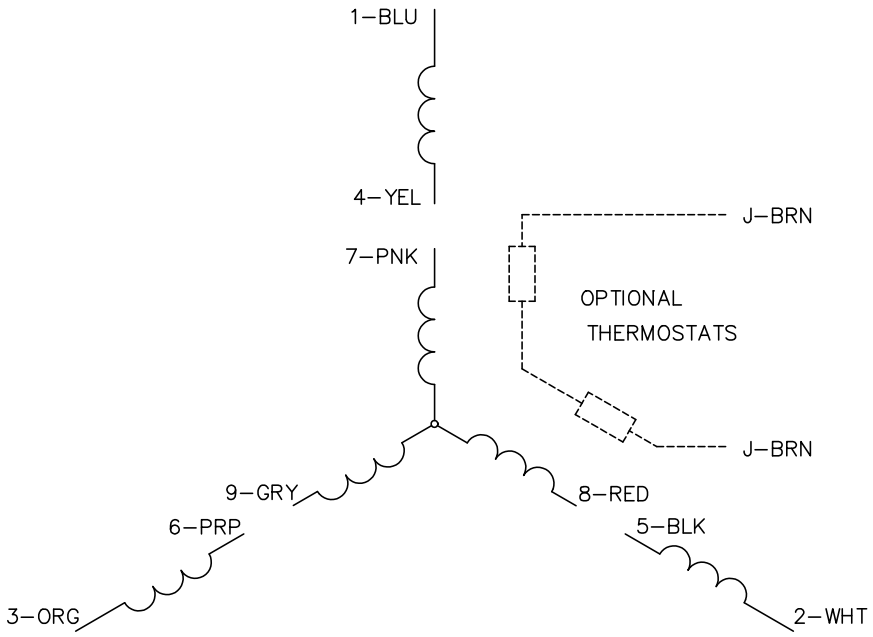
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	18.1 a
Insulation Class	F
Inverter Code	Inverter Duty
IP Rating	NONE
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0944M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	27.44 IN
Power Factor	83
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
RoHS Status	ROHS NON-COMPLIANT
Service Factor	1.00
Shaft Diameter	0.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Speed	1765 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

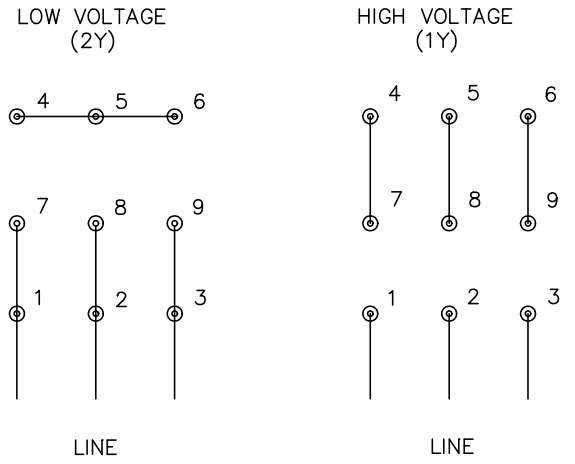
Nameplate

NP2159L											
CAT.NO.	IE3-92.5(75%)92.2(50%)			**P/N**						**ENCLOSURE**	TEFC
SPEC.	09-0000-1074	**CC**	010A	**FRAME**	254TCZ		**S/N**				
HP	15/11KW		**CLASS**	F		**HZ**	60				
RPM	1765 1/MIN IC411		**PH**	3	**DES**	A					
VOLT	230/460			**KVA-CODE**	H		**ODE BRG**	6208	**DE BRG**	6309	
AMP	36.2/18.1			**USABLE AT 208V**	N/A						
RATING	40C AMB-CONT IC60034-30			**GREASE**	POLYREX EM						
NEMA-NOM-EFF	92.4	**PF**	83	**SER.F.**	1.00						
	1000:1 CT IP54 125KG										
HTR-VOLTS		**HTR-AMPS**			**MAX. SPACE HEATER TEMP.**						


09LYG405
(924–960)
27.44
10.13
7.31
.25
5.75
1.38
.188 KEYWAY
2.50 LONG
(ENDMILLED)
KEY 2.38 LONG
8.500
8.497
1.250
1.248
1.0000
.9995
.8745
.8740
9.09
.38–16 R.H. TAP
1.00 DEEP
SLINGER
8 HOLES
ø.53
8.25
8.25
.75
10.00
4.75
11.50
AUTO DRAIN
(EA. END)
12.94
10.03
6.63
2.72
45°
45°
12.88
6.25 +.00 −.06
LEAD HOLE
ø1.75
5.00
5.00
8.19
5.75
11.50
4 HOLES
.50–13 TAP (THRU)
ON ø7.25 B.C.
09LYG405
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: REMOVE GREASER & RELIEF LEADER
REV. LTR: D
VERSION: 04
TDR: 000001187281
FILE: \AAA\00115\942
REVISED: 08:47:28 03/21/2022
BY: USJECER
MTL: –
BALDOR - RELIANCE®
HORZ TEFC 254–6TCZ (213–5 WEST COAST FIT)
SH 1 of 1

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