ABB BALDOR RELIANCE

Customer information packet

07H454X571H2

15HP, 1760RPM, 3PH, 60HZ, 254T, 0756M, TEFC, F1
Class -
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	254T
Frame Material	Iron
Frequency	60.00 Hz
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	480.0 V @ 60 HZ
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Auxiliary Box	AUXILLARY BOX
Auxiliary Box Lead Termination	Flying Leads
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	18.300 A @ 480.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	Heater Included, 115 V
High Voltage Full Load Amps	18.3 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	K

Part Detail

Revision	D
Type	AC
Mech. spec.	07H454
Base	
Status	NLA/A
Elec. spec.	07WGX571
Layout	07LYH454
Eff. date	10-17-2018
CD Diagram	CD0006
Poles	04
Leads	3#14
Proprietary	False
Created date	05-07-2008

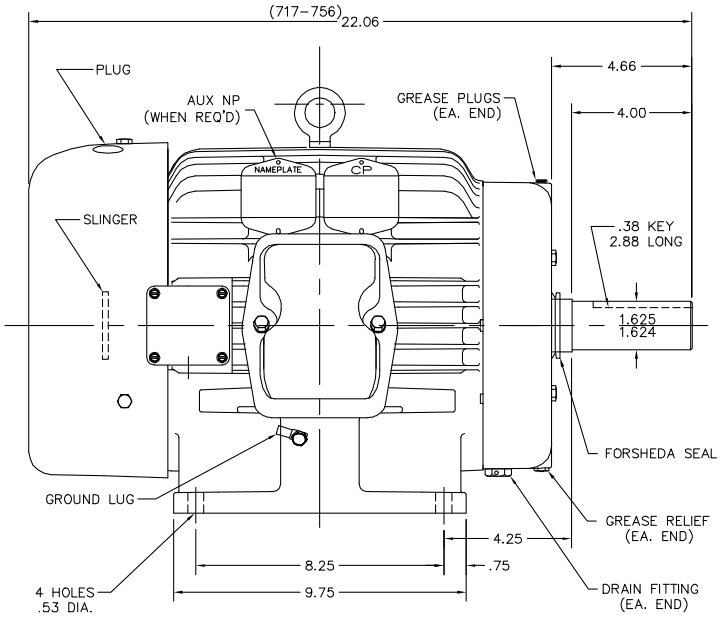
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	3 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0756M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	18.63 IN
Power Factor	83
Product Family	Chemical Processing (Not DC)
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.126 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1760 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

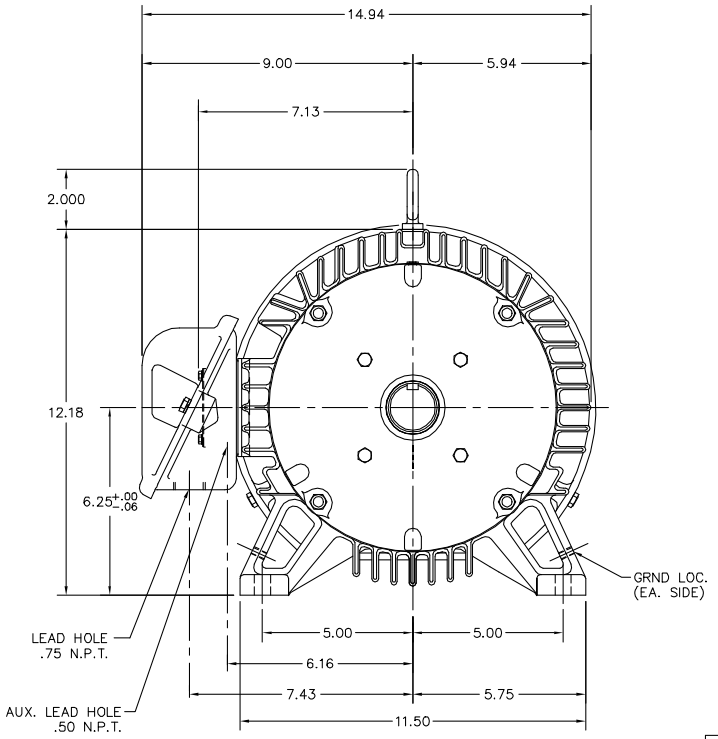
Nameplate

NP1258E								
CAT.NO.								
SPEC.	07H454X571H2							
HP	15							
VOLTS	480							
AMP	18.3							
RPM	1760							
FRAME	254T	**HZ**	60		**PH**	3		
SER.F.	1.15	**CODE**	K	**DES**	A	**CL**	F	
NEMA-NOM-EFF	91	**PF**	83					
RATING	40C AMB-CONT							
CC	010A			**USABLE AT 208V**			N/A	
DE	6309	**ODE**	6307					
ENCL	TEFC	**SN**						

NP0090E	
FRONT	6307
PULLEY	6309
LUBRICATE WITH	
GREASE	POLYREX EM

07LYH454





NO LONGER AVAILABLE

07LYH454

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: MADE NLA NEED NEW STYLE AUX KOBX		
REV. LTR: E	VERSION: 04	TDR: 000001085540
FILE: \AAA\00021\906	REVISED: 10:36:24 10/03/2018	BY: ENBRAM0
MTL: –		

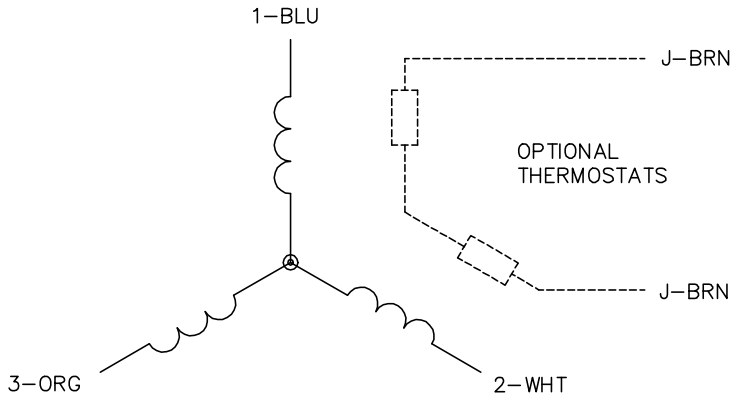
BALDOR - RELIANCE®

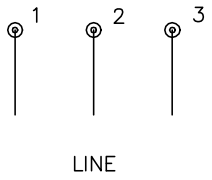
HOR 254T TEFC 07M CP W/AUX KO BOX, HTRS & LOCKED BRG

SH 1 of 1

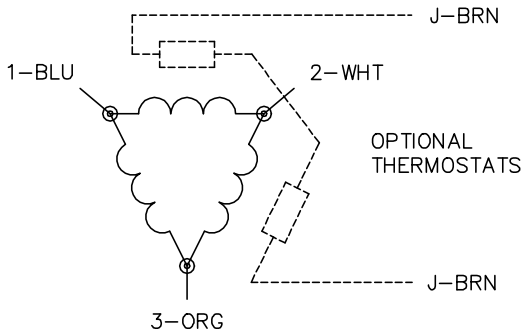
CD0006

TYPICAL WYE–CONNECTED MOTOR





TYPICAL DELTA–CONNECTED MOTOR



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

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MTL: –		

BALDOR - RELIANCE®

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

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