ABB BALDOR RELIANCE

Customer information packet

18P064X351G1

125HP, 1780RPM, 3PH, 60HZ, 444TC, 1868M, TEBC
Class -
Division - Not Applicable

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Specifications

Enclosure	TEBC
Frame	444TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Division	Not Applicable
Output @ Frequency	125.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	575.0 V @ 60 HZ
Agency Approvals	CSA
	UR
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	112.000 A @ 575.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.4 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Encoder/Feedback Device
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	112.0 a
Insulation Class	H
Inverter Code	Inverter Duty
KVA Code	G
Lifting Lugs	Standard Lifting Lugs

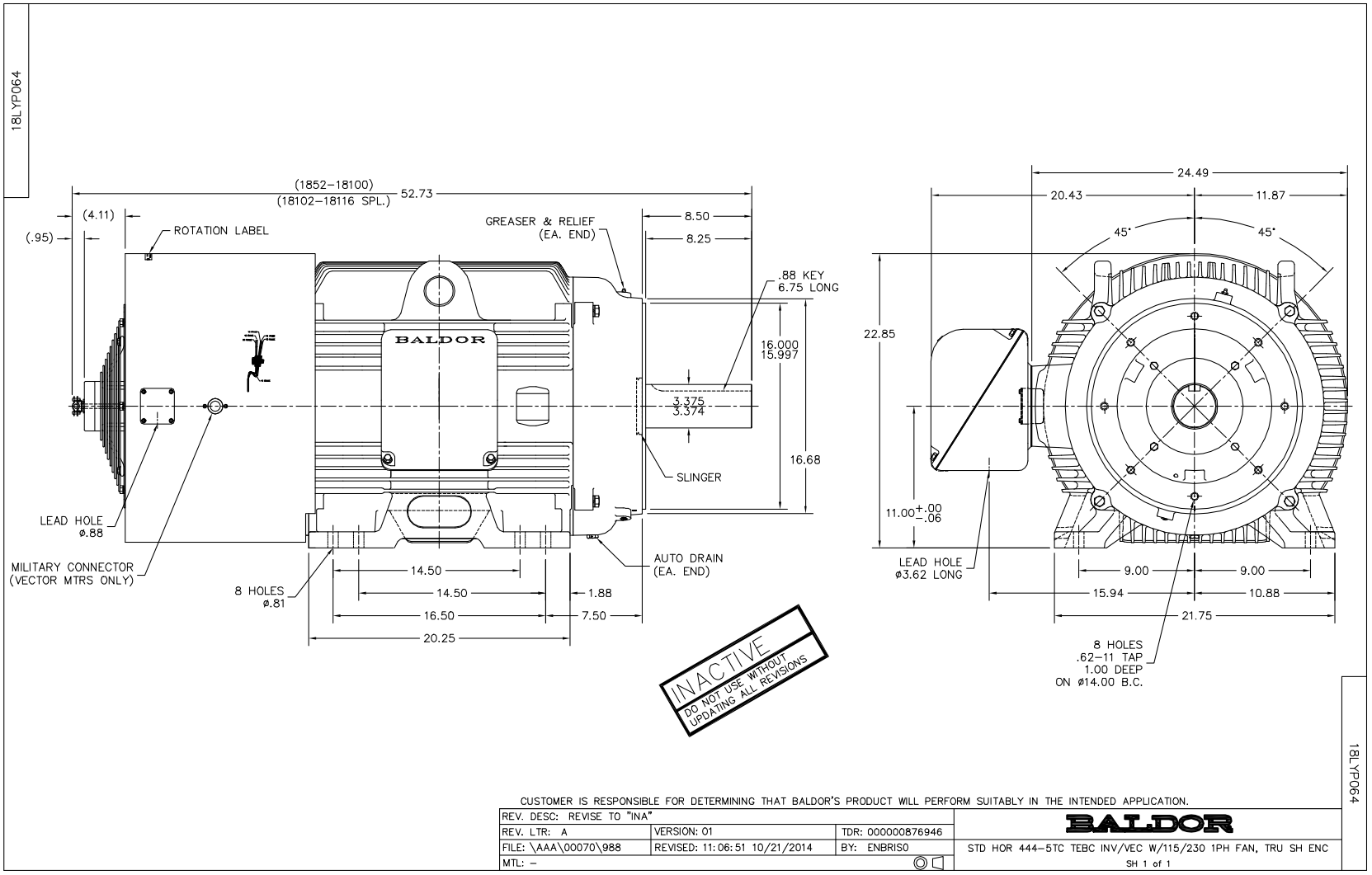
Part Detail

Revision	F
Type	AC
Mech. spec.	18P064
Base	
Status	NLA/A
Elec. spec.	18WGX351
Layout	18LYP064
Eff. date	04-07-2011
CD Diagram	CD0006
Poles	04
Leads	3#2
Proprietary	False
Created date	01-01-0001

Locked Bearing Indicator	Locked Bearing
Max Speed	2400 rpm
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	3 @ 2 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1868M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	52.73 IN
Power Factor	88
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 Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1780 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

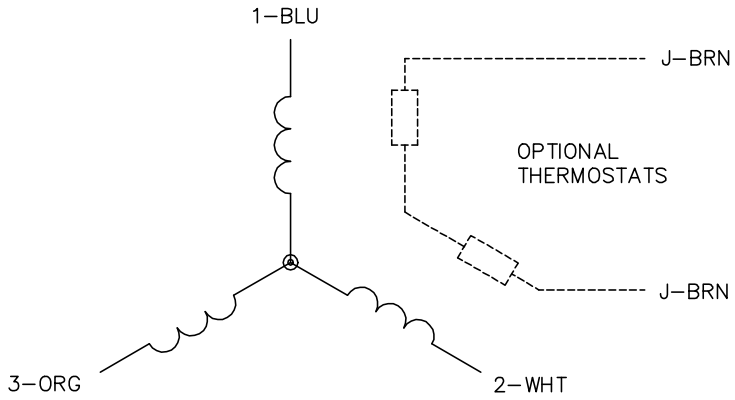
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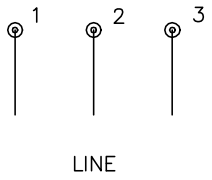
NP1058											
STK.NO.				**SPEC.**	18P064X351G1			**ENCL**	TEBC		
MAG CUR	38	**FRAME**	444TC			**SER.**					
HP	125	**CL**	H								
RPM	1780	**MX RPM**	2400		**PH**	3	**CC**				
VOLTS	575		**DES**	B	**ODE**	6314		**DE**	6319		
AMPS	112			**CODE**	G						
HZ	60	**SL HZ**	0.5		**RTG**	40C AMB-CONT				**GREASE**	POLYREX EM
EFF	95.4	**PF**	88		**SER.F.**	1.00		**WK2**	32.7		
BLWR V		**PH**									
A		**HZ**									
HTR-V		**HTR-A**									


18LYP064
(1852–18100)
(18102–18116 SPL.)
52.73
(4.11)
(.95)
ROTATION LABEL
GREASER & RELIEF
(EA. END)
8.50
8.25
.88 KEY
6.75 LONG
16.000
15.997
3.375
3.374
16.68
SLINGER
BALDOR
LEAD HOLE
ø.88
MILITARY CONNECTOR
(VECTOR MTRS ONLY)
8 HOLES
ø.81
14.50
14.50
16.50
20.25
1.88
7.50
AUTO DRAIN
(EA. END)
INACTIVE
DO NOT USE WITHOUT
UPDATING ALL REVISIONS
24.49
20.43
11.87
45°
45°
22.85
11.00 +.00 −.06
LEAD HOLE
ø3.62 LONG
9.00
9.00
15.94
10.88
21.75
8 HOLES
.62–11 TAP
1.00 DEEP
ON ø14.00 B.C.
18LYP064
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: REVISE TO "INA"
REV. LTR: A
VERSION: 01
TDR: 000000876946
FILE: \AAA\00070\988
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BY: ENBRISO
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BALDOR
STD HOR 444–5TC TEBC INV/VEC W/115/230 1PH FAN, TRU SH ENC
SH 1 of 1

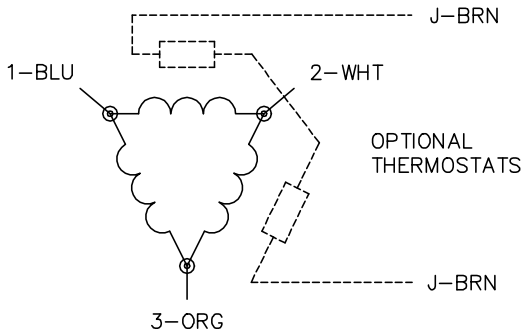
CD0006

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.

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BALDOR - RELIANCE®

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

SH 1 of 1