ABB BALDOR RELIANCE

Customer information packet

18G116X813

350HP, 3550RPM, 3PH, 60HZ, 447TS, 18100M, ODP
Class -
Division - Not Applicable

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Specifications

Enclosure	ODP
Frame	447TS
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Division	Not Applicable
Output @ Frequency	350.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
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	380.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.8 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	380.0 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	H
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box

Part Detail

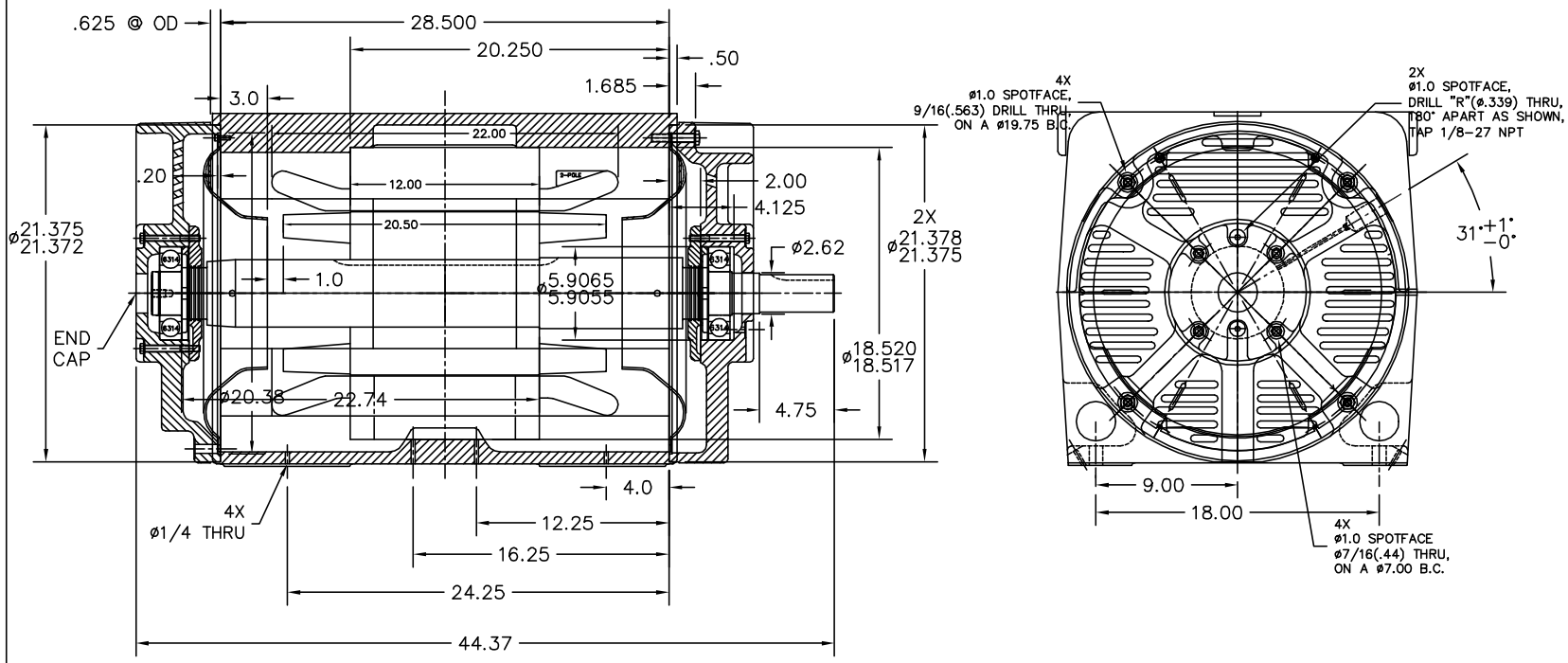
Revision	F
Type	AC
Mech. spec.	18G116
Base	
Status	NLA/A
Elec. spec.	18WGX813
Layout	18LY0001
Eff. date	01-10-2012
CD Diagram	CD0382
Poles	02
Leads	6#1/0
Proprietary	False
Created date	05-08-2008

Motor Lead Quantity/Wire Size	6 @ 1/0 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	18100M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	44.43 IN
Power Factor	90
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3550 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	Both Bearings
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor

Nameplate

127X0022											
CAT.NO.			**SPEC.**	18G116X813							
HP	350	**RPM**	3550		**FRAME**	447TS					
HZ	60	**SER.F.**	1.15								
VOLTS	460		**AMPS**	380			**PHASE**	3			
ENCL	ODP	**TYPE**	P								
FL EFF	95.8		**FL PF**	90		**CL**	B				
T RISE		**MX AMB**	40								
DESIGN	B	**CODE**	H	**DUTY**	CONT						
DE BRG	6319		**ODE BRG**	6314		**GREASE**	POLYREX EM				
WEIGHT	2500	**S/N**					**MTG**	F1			

18LY0001

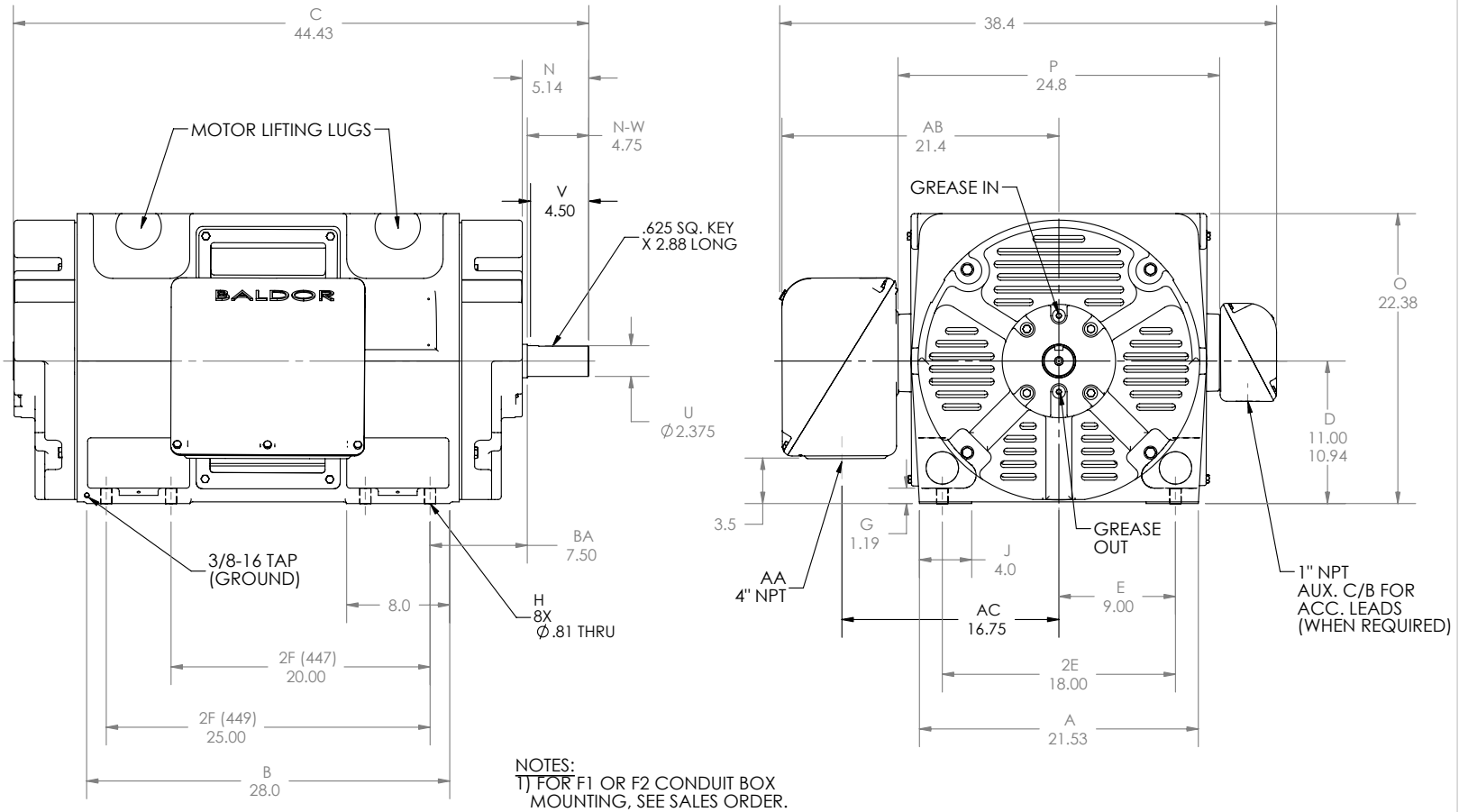


CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

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REV. LTR: A	BY: JMW	REVISED: 12:58:01 05/23/2002	TDR: 269837
18LY0001		FILE: CHB00009358	REF: 18LY0001
		MTL: –	447–449,2–POLE CROSS–SECTIONAL LAYOUT

18LY0001

18LYG116



NOTES:
1) FOR F1 OR F2 CONDUIT BOX MOUNTING, SEE SALES ORDER.
2) ACCESSORY CONDUIT BOX PROVIDED AS NEEDED FOR RTDS, SP. HTRS, ETC.
3) ALL CONDUIT BOXES CAN BE ROTATED IN 90 DEG INCREMENTS.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION

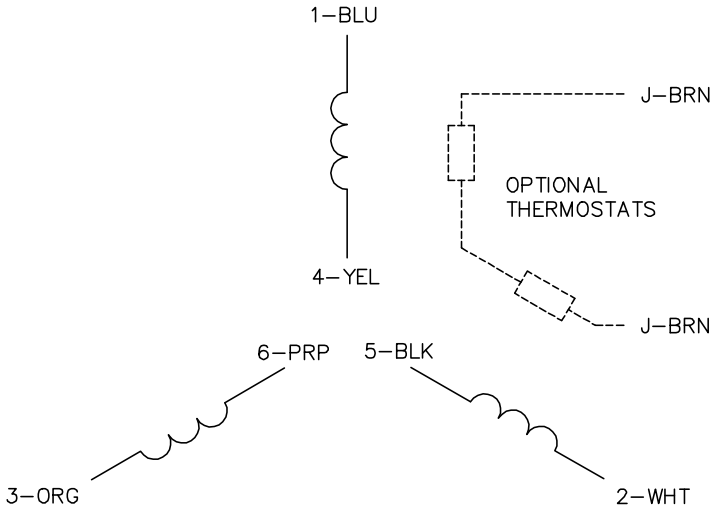
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18LYG116	MODEL NO.		REF:
	BY: CHJERW0		

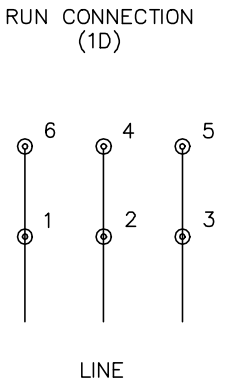
BALDOR ELECTRIC Co.

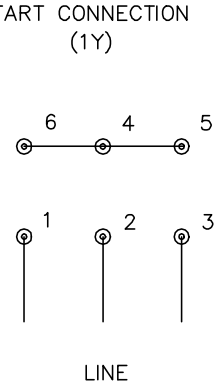
447-9TS,2P,ODP,STANDARD

18LYG116

CD0382







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.
5. FOR ACROSS–THE–LINE STARTING, USE 'RUN' CONNECTION.

CD0382

REV. DESC: ADD CLASS CONN00000007		
REV. LTR: F	VERSION: 01	TDR: 000001099922
FILE: \AAA\00005\243	REVISED: 09:05:32 02/19/2019	BY: ENBRIR0
MTL: –		

BALDOR - RELIANCE®

3PH, SV, 6 LEADS, Y START/D RUN

SH 1 of 1