ABB BALDOR RELIANCE

Customer information packet

JM825

3HP, 3450RPM, 3PH, 60HZ, 56J, 1924M, OPEN, F1

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Specifications

Enclosure	ODP
Frame	56J
Frame Material	Steel
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	3.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	CE
	CSA
	UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	8.000 A @ 230.0 V
	8.500 A @ 208.0 V
	4.000 A @ 460.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	80.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Terminal Panel
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	4.0 a

Part Detail

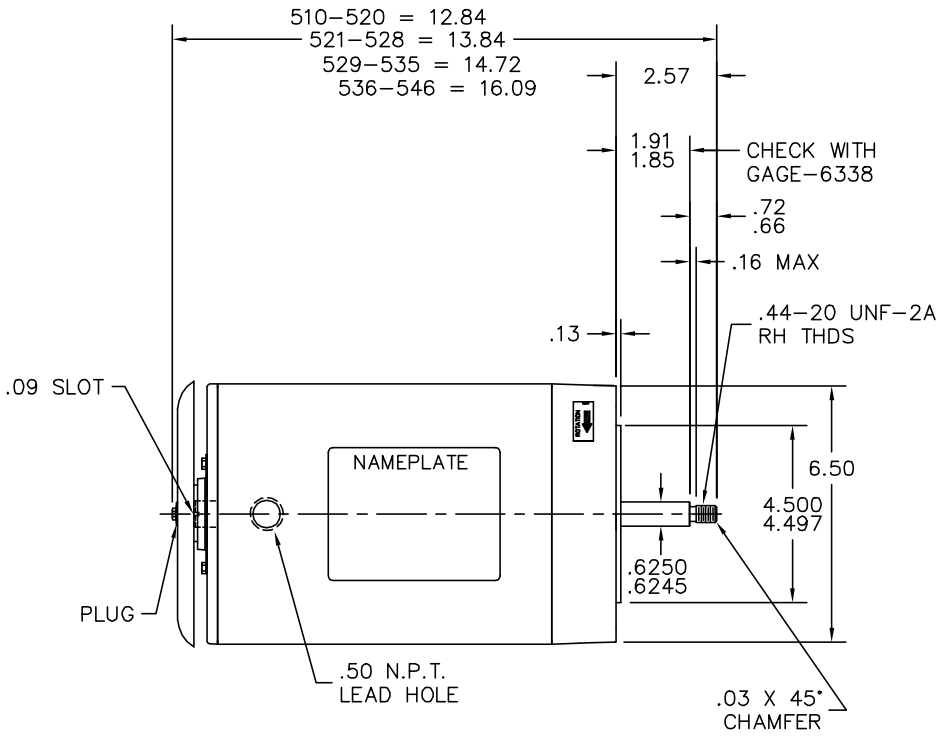
Revision	V
Type	AC
Mech. spec.	19B100
Base	
Status	NLA/A
Elec. spec.	19WGW040
Layout	19LYB100
Eff. date	03-08-2016
CD Diagram	CD0005
Poles	02
Leads	9#18
Proprietary	False
Created date	06-26-2007

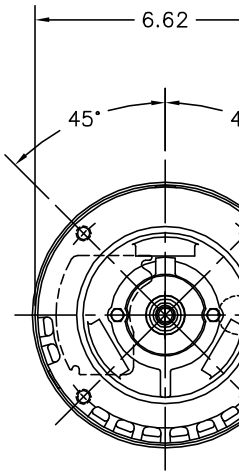
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Lead Hole
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	None
Motor Standards	NEMA
Motor Type	1924M
Number of Poles	2
Overall Length	13.84 IN
Power Factor	87
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Ext Thread
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	0.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3450 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

NP1986A							
CAT.NO.	JM825			**ENCL**	OPEN		
SPEC.	19B100W040			**FRAME**	56J		
HP	3						
VOLTS	230/460						
AMPS	8/4						
RPM	3450						
HZ	60	**PH**	3	**CL**	B		
SER.F.	1.15	**DES**	B	**CODE**	K		
FL EFF	80	**PF**	87				
RATING	40C AMB-CONT						
SF AMP				**USABLE AT 208V**		N/A	
SER.							
MANUAL	N	**AUTO**	N	**NONE**	Y		
BLANK							

19LYB100



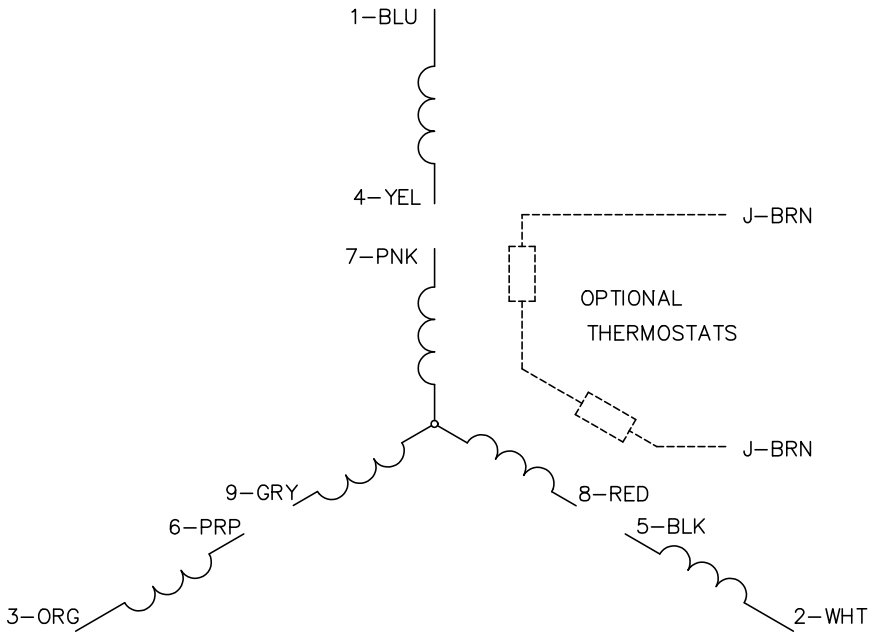


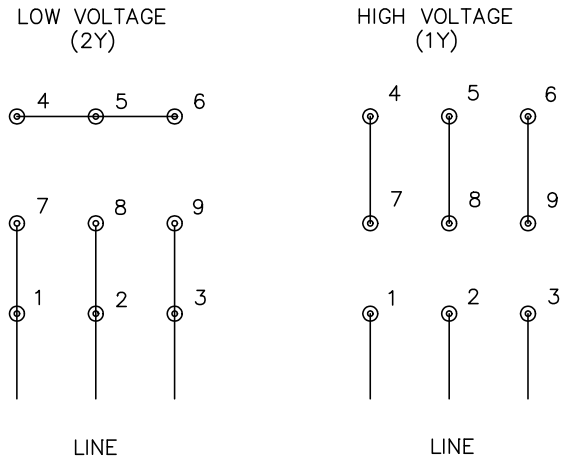
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: SH WAS 19SH2508 (USE SS SHAFT 19SH2540)			BALDOR ELECTRIC Co.
REV. LTR: B	BY: BDB	REVISED: 15:44:25 03/20/2003	TDR: 296724
19LYB100		FILE: AAA00091134	REF: 19LYB100
		MTL: –	VERT 56J OPEN 19M W/DRIP COVER,TERM PANEL,& .44–20 THDS.

19LYB100

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