ABB BALDOR RELIANCE

Customer information packet

CJM3555

2HP/3450RPM/TEFC/NEMA 56J
Class -
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	56J
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	2.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	208.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	RG
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	7.000 A @ 208.0 V
	6.200 A @ 208.0 V
	5.400 A @ 230.0 V
	2.700 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	80.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None

Part Detail

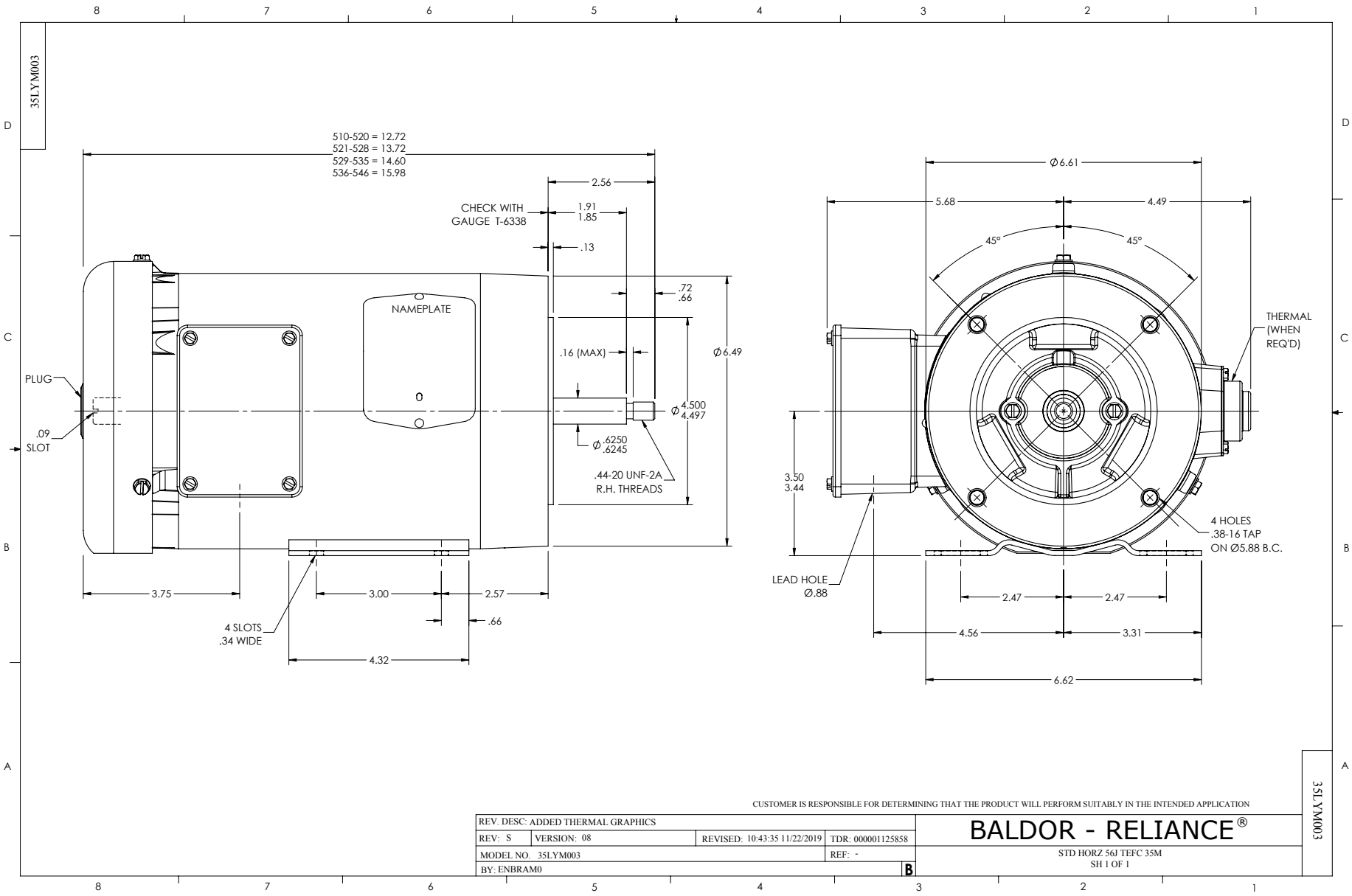
Revision	X
Type	AC
Mech. spec.	35M003
Base	
Status	INA/A
Elec. spec.	35WGW728
Layout	35LYM003
Eff. date	03-08-2016
CD Diagram	CD0005
Poles	02
Leads	9#18
Proprietary	False
Created date	06-22-2007

Heater Indicator	No Heater
High Voltage Full Load Amps	2.7 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3524M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	13.74 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
Service Factor	1.20
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

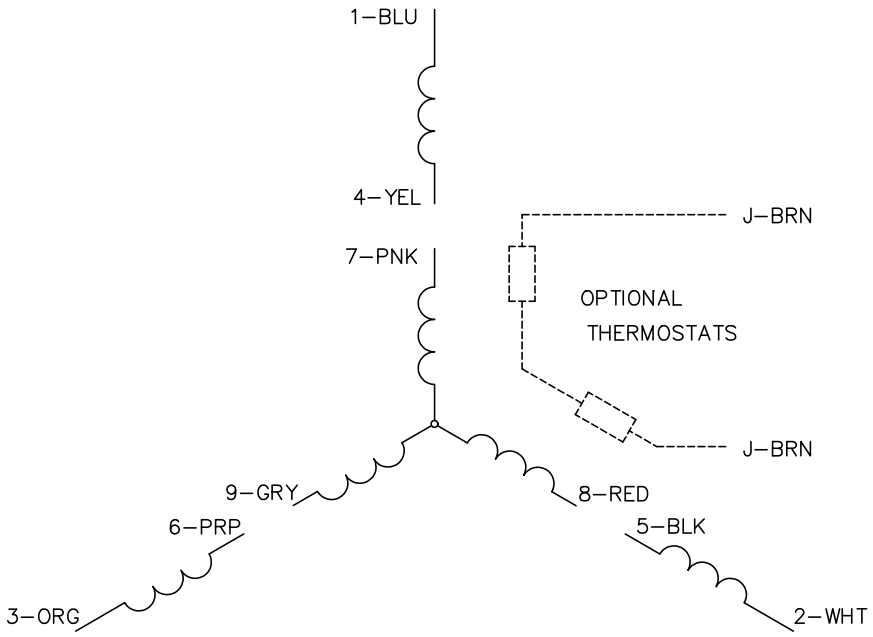
Winding Thermal 2	None

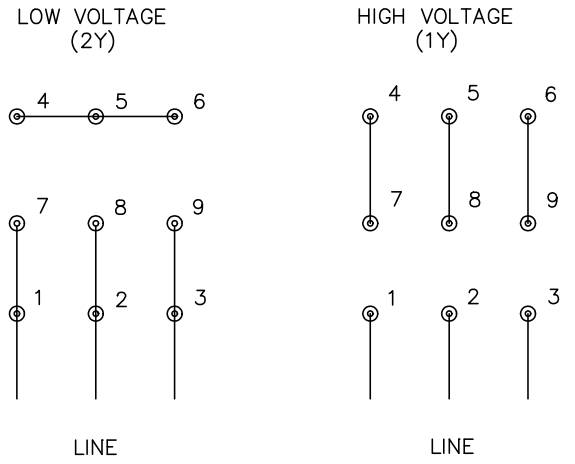
Nameplate

NP1256L								
CAT.NO.								
SPEC.	35M03W728							
HP	2							
VOLTS	208-230/460							
AMP	6.2-5.4/2.7							
RPM	3450							
FRAME	56J	**HZ**	60			**PH**	3	
SER.F.	1.20	**CODE**	K	**DES**	B	**CLASS**	B	
NEMA-NOM-EFF	80	**PF**	87					
RATING	40C AMB-CONT							
CC								
DE	6205	**ODE**	6203					
ENCL	TEFC	**SN**						
	SFA 7-6.6/3.3							


35LYM003
510-520 = 12.72
521-528 = 13.72
529-535 = 14.60
536-546 = 15.98
2.56
CHECK WITH GAUGE T-6338
1.91
1.85
.13
.72
.66
NAMEPLATE
.16 (MAX)
Ø6.49
PLUG
.09 SLOT
Ø 4.500 4.497
Ø .6250 .6245
.44-20 UNF-2A R.H. THREADS
3.75
3.00
2.57
.66
4 SLOTS .34 WIDE
4.32
Ø6.61
5.68
4.49
45°
45°
THERMAL (WHEN REQ'D)
3.50
3.44
4 HOLES .38-16 TAP ON Ø5.88 B.C.
LEAD HOLE Ø.88
2.47
2.47
4.56
3.31
6.62
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: ADDED THERMAL GRAPHICS
REV: S
VERSION: 08
REVISED: 10:43:35 11/22/2019
TDR: 000001125858
MODEL NO. 35LYM003
REF: -
BY: ENBRAM0
B
BALDOR - RELIANCE®
STD HORZ 56J TEFC 35M
SH 1 OF 1
35LYM003

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