ABB BALDOR RELIANCE

Customer information packet

39M056W989H2

20HP, 1460RPM, 3PH, 50HZ, 256T, 3942M, OPSB, F1
Class -
Division - Not Applicable

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11/20/2026 2:35:35 AM

Specifications

Frame	256T
Frame Material	Steel
Frequency	50.00 Hz
Haz Area Division	Not Applicable
Output @ Frequency	20.000 HP @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1500 RPM @ 50 HZ
Voltage @ Frequency	200.0 V @ 50 HZ
	330.0 V @ 50 HZ
	380.0 V @ 50 HZ
	415.0 V @ 50 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	58.000 A @ 200.0 V
	34.000 A @ 330.0 V
	30.000 A @ 380.0 V
	29.000 A @ 415.0 V
Design Code	B
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	No Heater

Part Detail

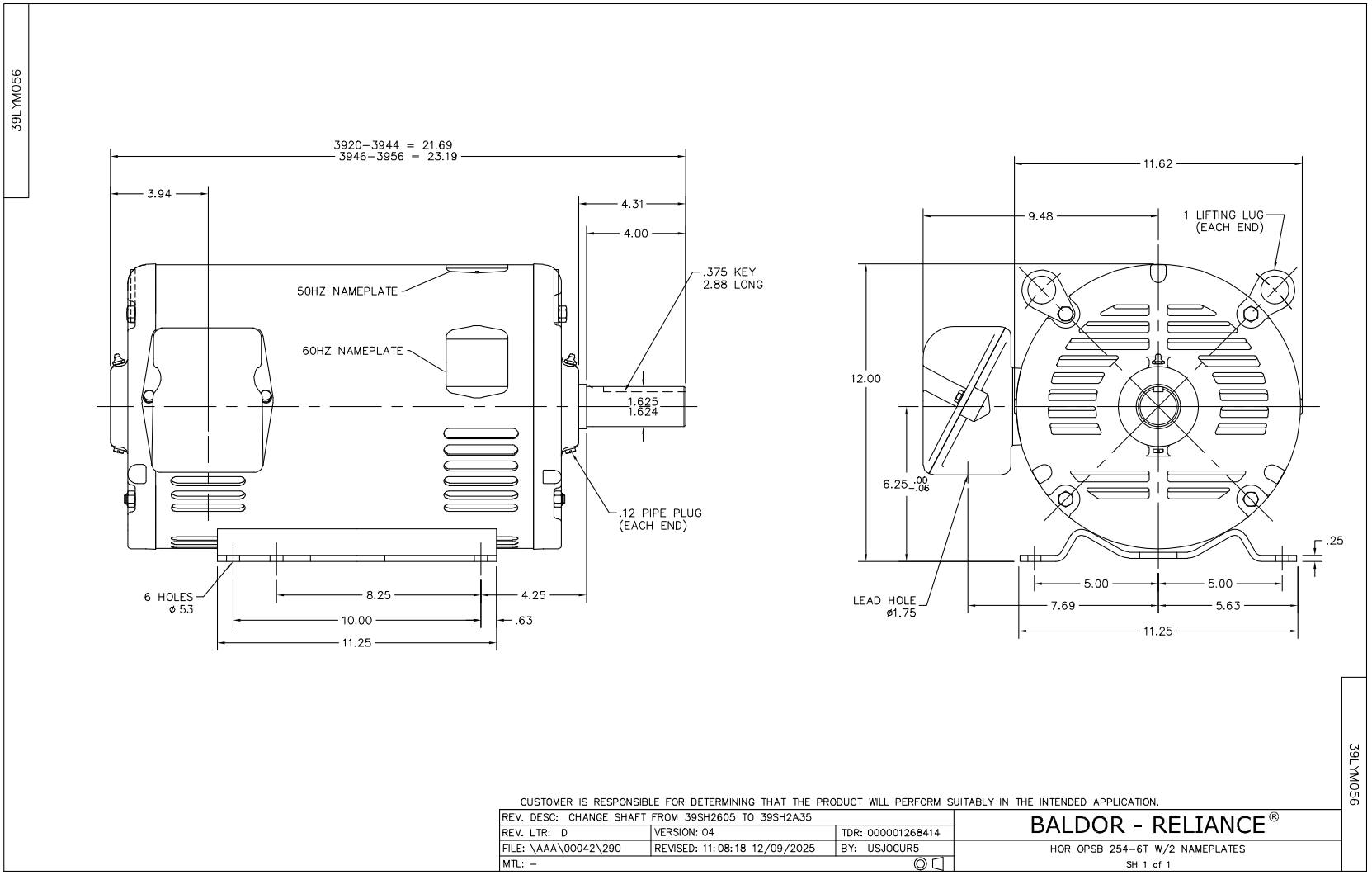
Revision	K
Type	AC
Mech. spec.	39M056
Base	
Status	NLA/A
Elec. spec.	39WGW989
Layout	39LYM056
Eff. date	03-03-2008
CD Diagram	CD0044
Poles	04
Leads	12#12
Proprietary	True
Created date	01-01-0001

High Voltage Full Load Amps	29.0 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	12 @ 12 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3942M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	21.69 IN
Power Factor	83
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	No Slinger
Speed	1460 rpm
Speed Code	Single Speed
Starting Method	Wye Start - Delta Run
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor

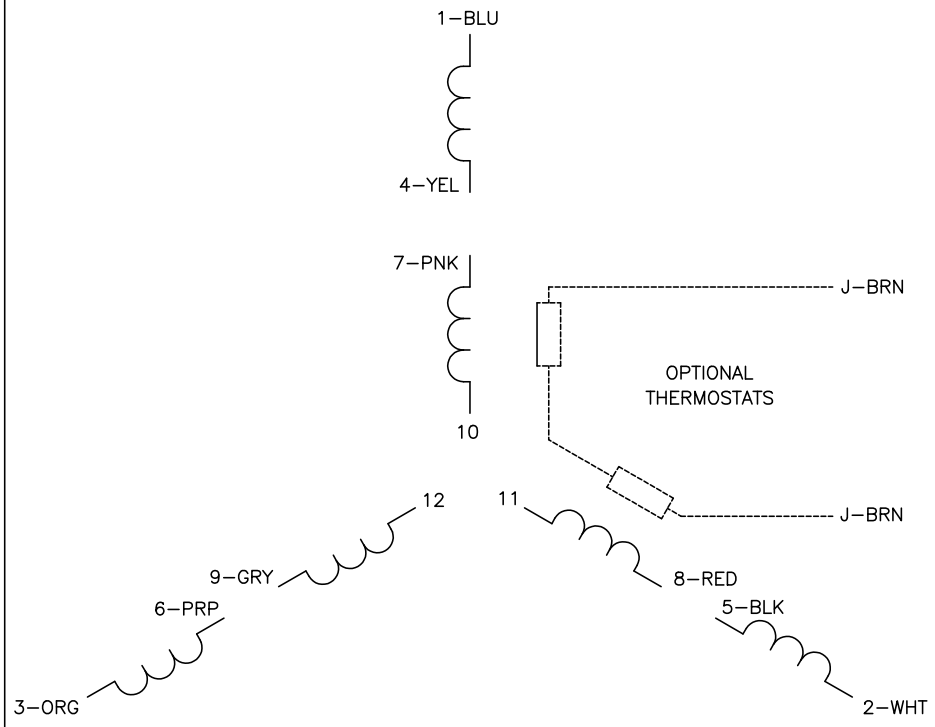
Nameplate

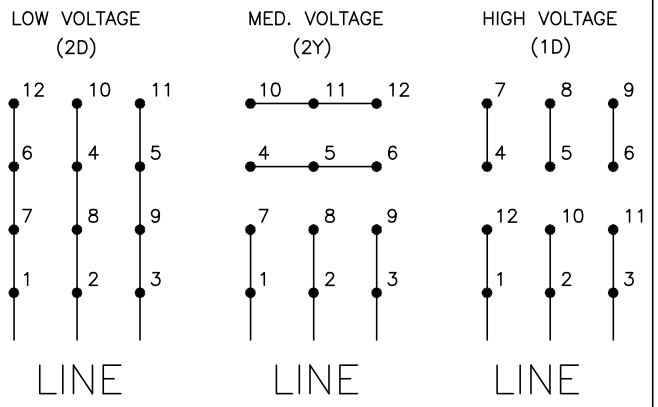
NP1256L									
CAT.NO.									
SPEC.	39M056W989H2								
HP	20								
VOLTS	200/330/380-415								
AMP	58/34/30-29								
RPM	1460								
FRAME	256T	**HZ**	50			**PH**	3		
SER.F.	1.15	**CODE**	J	**DES**	B	**CLASS**	B		
NEMA-NOM-EFF	91	**PF**	83						
RATING	40C AMB-CONT								
CC									
DE	6309	**ODE**	6208						
ENCL	OPSB	**SN**							
	7042								

NP1256L									
CAT.NO.									
SPEC.	39M056W989H2								
HP	20								
VOLTS	208-230/380/460								
AMP	53-50/30/25								
RPM	1760								
FRAME	256T		**HZ**	60			**PH**	3	
SER.F.	1.15	**CODE**	J	**DES**	B	**CLASS**		B	
NEMA-NOM-EFF	91	**PF**	83						
RATING	40C AMB-CONT								
CC									
DE	6309		**ODE**	6208					
ENCL	OPSB	**SN**							
	7042								


39LYM056
3920-3944 = 21.69
3946-3956 = 23.19
3.94
4.31
4.00
.375 KEY
2.88 LONG
50HZ NAMEPLATE
60HZ NAMEPLATE
1.625
1.624
.12 PIPE PLUG
(EACH END)
6 HOLES
ø.53
8.25
4.25
10.00
.63
11.25
11.62
9.48
1 LIFTING LUG
(EACH END)
12.00
6.25 .00 -.06
.25
LEAD HOLE
ø1.75
5.00
5.00
7.69
5.63
11.25
39LYM056
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: CHANGE SHAFT FROM 39SH2605 TO 39SH2A35
REV. LTR: D
VERSION: 04
TDR: 000001268414
FILE: \AAA\00042\290
REVISED: 11:08:18 12/09/2025
BY: USJOCUR5
MTL: –
BALDOR - RELIANCE®
HOR OPSB 254-6T W/2 NAMEPLATES
SH 1 of 1

CD0044





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.

CD0044

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: G	BY: JLP	REVISED: 01/19/99 4:09	TDR: 0171435
CD0044		FILE: AAA00008373	MDL: –
		MTL: –	3PH, TV, 12 LEADS, 2D/2Y/1D