BALDOR • RELIANCE

Customer information packet

SPJPM3314T

15HP, 3515RPM, 3PH, 60HZ, 215JP, 3756M, OPSB, F
Class - None
Division - Not Applicable

12/22/2025 6:53:31 PM

Specifications

Enclosure	OPSB
Frame	215JP
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	15.000 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	WEEE
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	17.000 A @ 460.0 V
	34.000 A @ 230.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	92.4 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	17.0 a
Insulation Class	F
Inverter Code	Inverter Duty

Part detail

Revision	A
Type	AC
Mech. spec.	37EE001
Base	
Status	PRD/A
Elec. spec.	37WGR601
Layout	37LYEE001
Eff. date	11-19-2025
CD Diagram	CD0180
Poles	02
Leads	9#14
Proprietary	False
Created date	08-13-2025

KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Max Speed	5400 rpm
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3756M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	24.69 IN
Power Factor	88
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Tapped & Key
Rodent Screen	Included
RoHS Status	ROHS NON-COMPLIANT
Service Factor	1.25
Shaft Diameter	1.250 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3515 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

NP4423A01A05L												
CAT #	SPJPM3314T			**WGT**	187	**LBS**						
SPEC	37EE001R601			**ENCL**	OPSB							
SER #				**CC**	010A	**IP**	23					
HP	15			**MAG CUR**	11.6/5.8							
VOLTS	230/460					**NEMA NOM. EFF**	92.4					
AMPS	34/17					**PF**	88					
RATING	40C AMB-CONT											
RPM	3515					**MAX RPM**	5400					
FRAME	215JP	**HZ**	60	**CODE**	K	**CLASS**	F					
SER.F.	1.25	**SF AMP**	42.4/21.2			**PH**	3	**DES**	A			
DE	6309			**ODE**	6206							
LUBRICATION	POLYREX EM											
ID LOGO		**INVERTER TYPE**		**VPWM**		**CHP**	60	**TO**	90	1.5:1		
ID LOGO	**WK2**	0.51	**CT**	6	**TO**	60		10:1				
ID LOGO	**SL HZ**	1.4	**VT**	3	**TO**	60		20:1				
						QR						
YR												

AC Induction Motor Performance Data
Record # 100931
Typical performance - not guaranteed values

Winding: 37WGR601-R005	**Type:** 3756M	**Enclosure:** ODP

Nameplate Data			
Rated Output (HP)			15
Volts			230/460
Full Load Amps			34/17
R.P.M.			3515
Hz	60	**Phase**	3
NEMA Design Code	A	**KVA Code**	K
Service Factor (S.F.)			1.15
NEMA Nom. Eff.	92.4	**Power Factor**	88
Rating - Duty			40C AMB-CONT
S.F. Amps			39/19.5

460 V, 60 Hz: High Voltage Connection	
Full Load Torque	22.09 LB-FT
Start Configuration	direct on line
Breakdown Torque	112 LB-FT
Pull-up Torque	43.2 LB-FT
Locked-rotor Torque	62 LB-FT
Starting Current	161 A
No-load Current	5.75 A
Line-line Res. @ 25ºC	0.406 Ω
Temp. Rise @ Rated Load	40°C
Temp. Rise @ S.F. Load	49°C
Locked-rotor Power Factor	29.9
Rotor inertia	0.51 lb-ft²

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**	**S.F.**
Power Factor	53	76	85	88	90	90	89
Efficiency	89.4	92.8	93.2	92.7	91.9	90.8	92.2
Speed	3580	3561	3539	3516	3491	3465	3501
Line amperes	6.81	9.54	13.1	16.95	20.9	25.31	19.3

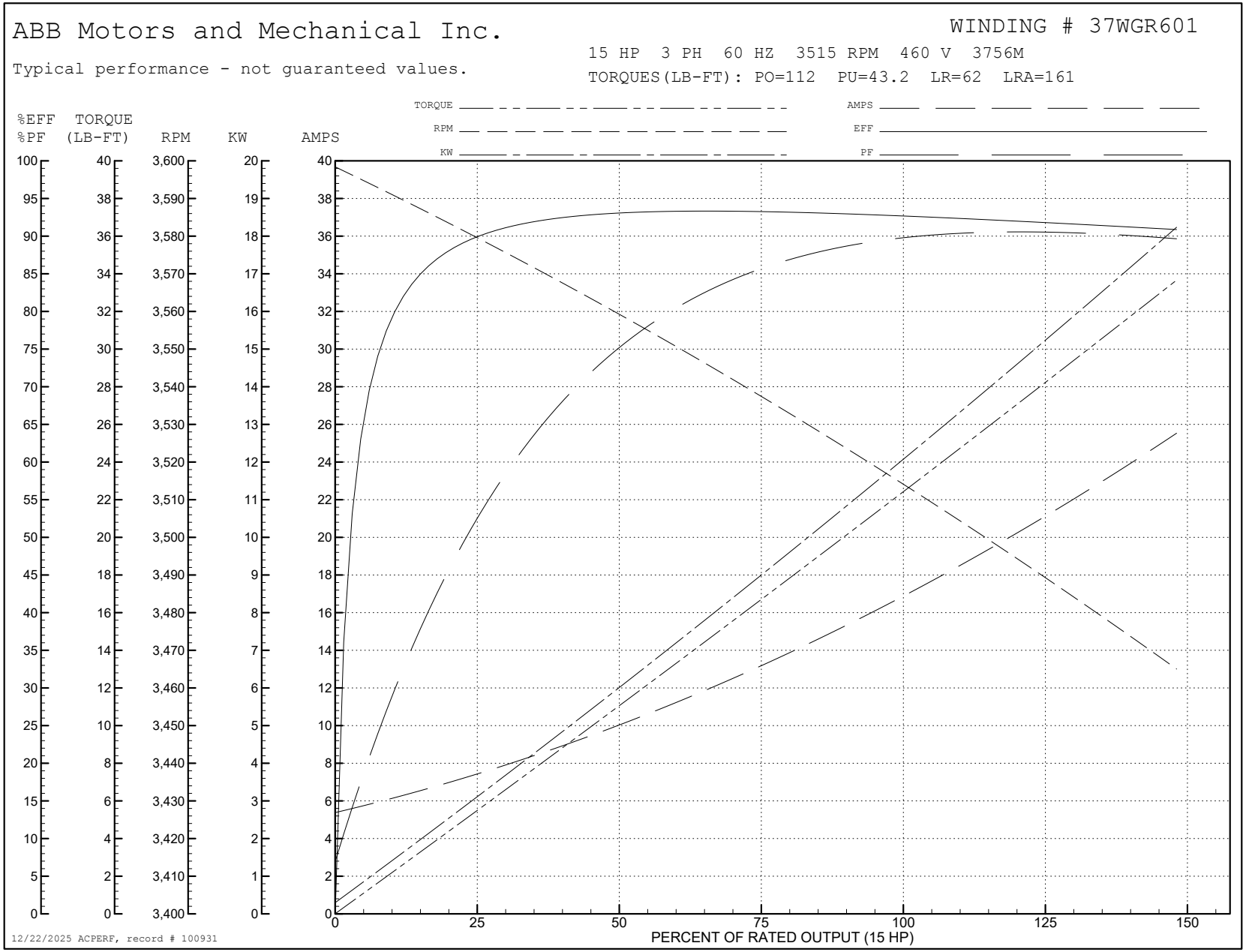
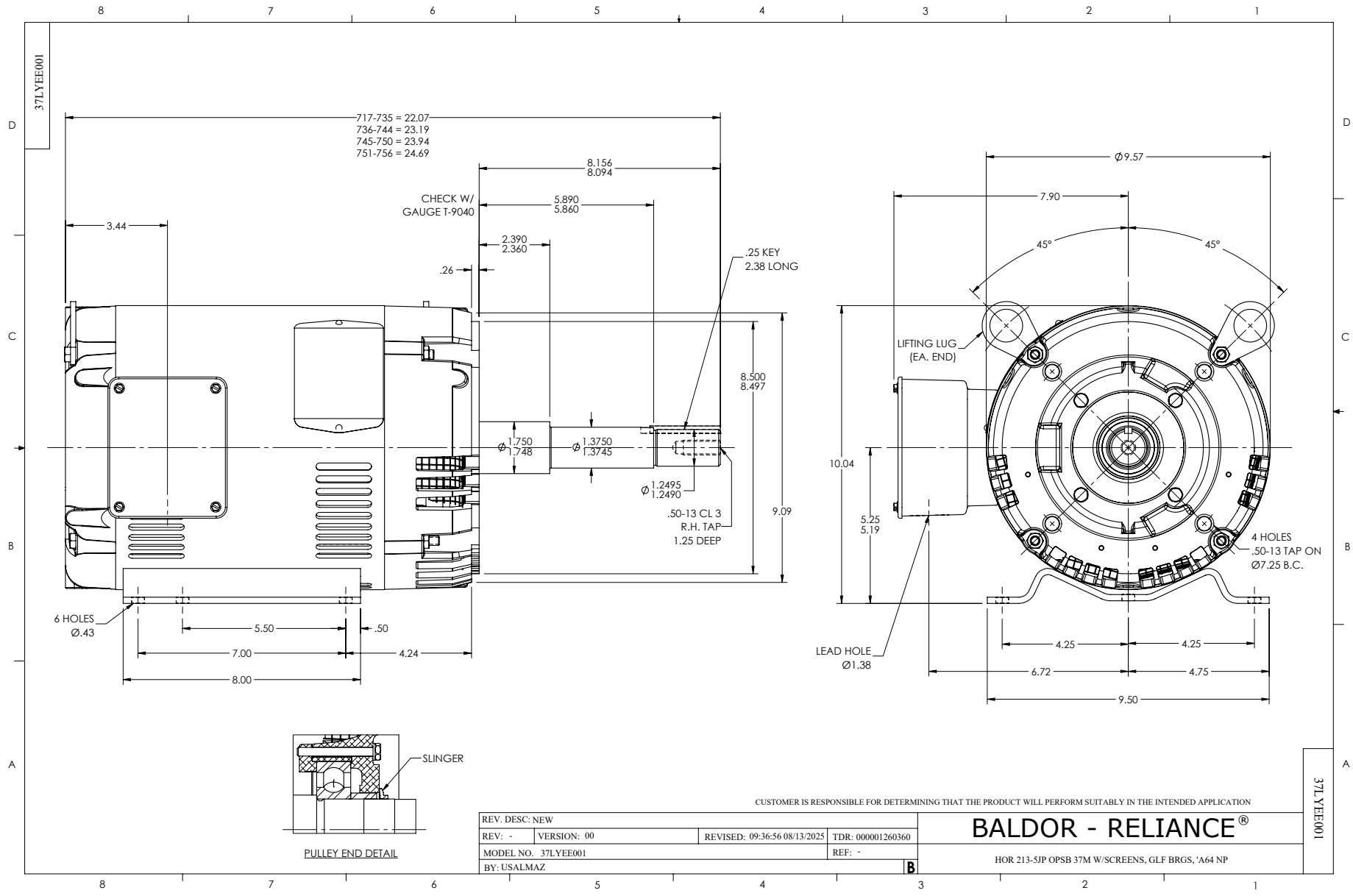
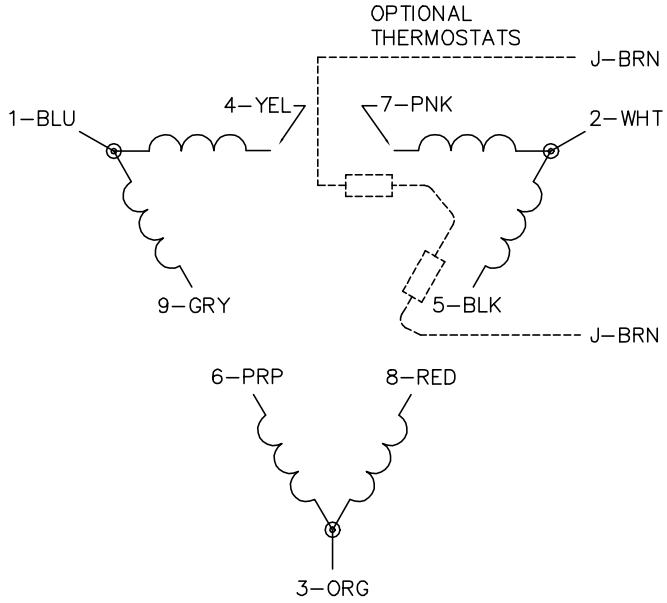
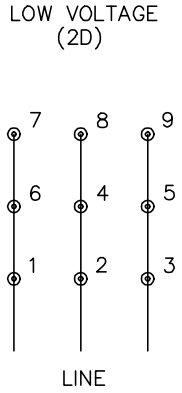


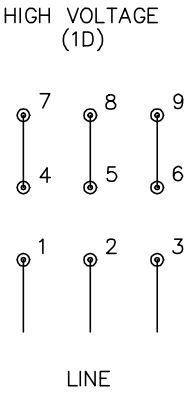
ABB Motors and Mechanical Inc.
WINDING # 37WGR601
15 HP 3 PH 60 HZ 3515 RPM 460 V 3756M
Typical performance - not guaranteed values.
TORQUES(LB-FT): PO=112 PU=43.2 LR=62 LRA=161
TORQUE
RPM
KW
AMPS
EFF
PF
%EFF
%PF
TORQUE (LB-FT)
RPM
KW
AMPS
PERCENT OF RATED OUTPUT (15 HP)
12/22/2025 ACPERF, record # 100931


37LYEE001
717-735 = 22.07
736-744 = 23.19
745-750 = 23.94
751-756 = 24.69
8.156
8.094
CHECK W/
GAUGE T-9040
5.890
5.860
3.44
2.390
2.360
.26
.25 KEY
2.38 LONG
8.500
8.497
Ø 1.750
1.748
Ø 1.3750
1.3745
Ø 1.2495
1.2490
.50-13 CL 3
R.H. TAP
1.25 DEEP
9.09
6 HOLES
Ø.43
5.50
.50
7.00
4.24
8.00
Ø9.57
7.90
45°
45°
LIFTING LUG
(EA. END)
10.04
5.25
5.19
4 HOLES
.50-13 TAP ON
Ø7.25 B.C.
LEAD HOLE
Ø1.38
4.25
4.25
6.72
4.75
9.50
SLINGER
PULLEY END DETAIL
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: NEW
REV: - VERSION: 00 REVISED: 09:36:56 08/13/2025 TDR: 000001260360
MODEL NO. 37LYEE001 REF: -
BY: USALMAZ B
BALDOR - RELIANCE®
HOR 213-5JP OPSB 37M W/SCREENS, GLF BRGS, 'A64 NP
37LYEE001

CD0180







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.

CD0180

REV. DESC: ADD CLASS CONN00000007		
REV. LTR: D	VERSION: 01	TDR: 000001099922
FILE: \AAA\00005\148	REVISED: 10:25:29 02/19/2019	BY: ENBRIR0
MTL: –		

BALDOR - RELIANCE®

3PH, DV, 9 LEADS, DELTA CONNECTION

SH 1 of 1