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# Customer information packet

## EJMM3211T-G

3HP, 1760RPM, 3PH, 60HZ, 182JM, 3628M, OPSB, F1

Class - None

Division - Not Applicable

## Specifications

Enclosure	OPSB
Frame	182JM
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	3.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CURUSEEV NEMA PREMIUM
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	4.300 A @ 460.0 V 8.500 A @ 208.0 V 8.600 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	89.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	4.3 a

## Part detail

Revision	A
Type	AC
Mech. spec.	36T140
Base	
Status	PRD/A
Elec. spec.	36WGZ649
Layout	36LYT140
Eff. date	06-01-2026
CD Diagram	CD0005
Poles	04
Leads	9#16
Proprietary	False
Created date	11-07-2025

<b>Insulation Class</b>	H
<b>Inverter Code</b>	Inverter Ready
<b>KVA Code</b>	K
<b>Lifting Lugs</b>	No Lifting Lugs
<b>Locked Bearing Indicator</b>	Locked Bearing
<b>Motor Lead Quantity/Wire Size</b>	9 @ 16 AWG
<b>Motor Lead Termination</b>	Flying Leads
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	3628M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	16.50 IN
<b>Power Factor</b>	78
<b>Product Family</b>	General Purpose
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	C-Face
<b>Pulley Shaft Indicator</b>	Tapped & Key
<b>Rodent Screen</b>	Included
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	0.875 IN
<b>Shaft Ground Indicator</b>	Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	Shaft Slinger
<b>Speed</b>	1760 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None
<b>Vibration Sensor Indicator</b>	No Vibration Sensor
<b>Winding Thermal 1</b>	None
<b>Winding Thermal 2</b>	None

**Nameplate**

**NP3553LUA**

<b>CAT.NO.</b>	EJMM3211T-G						
<b>SPEC.</b>	36T140Z649						
<b>HP</b>	3						
<b>VOLTS</b>	230/460						
<b>AMPS</b>	8.6/4.3						
<b>RPM</b>	1760						
<b>FRAME</b>	182JM	<b>HZ</b>	60	<b>PH</b>	3		
<b>SF</b>	1.15	<b>CODE</b>	K	<b>DES</b>	B	<b>CLASS</b>	H
<b>NEMA NOM. EFF</b>	89.5	<b>PF</b>	78				
<b>RATING</b>	40C AMB-CONT						
<b>CC</b>	010A						
<b>ENCL</b>	OPSB	<b>SN</b>					
<b>DE</b>	6207	<b>ODE</b>	6205				
<b>VPWM INVERTER READY</b>	SFA 9.6/4.8						
<b>CT30-60(2:1) VT3-60(20:1)</b>							
<b>USABLE AT</b>	50HZ 3HP 190/380V 9.8/4.9A						SF1.0

**AC Induction Motor Performance Data**

Record # 115739

Typical performance - not guaranteed values

<b>Winding: 36WGZ649-R001</b>		<b>Type: 3628M</b>		<b>Enclosure: OPSB</b>	
<b>Nameplate Data</b>			<b>460 V, 60 Hz: High Voltage Connection</b>		
<b>Rated Output (HP)</b>	3		<b>Full Load Torque</b>	8.953 LB-FT	
<b>Volts</b>	230/460		<b>Start Configuration</b>	direct on line	
<b>Full Load Amps</b>	8.6/4.3		<b>Breakdown Torque</b>	35.1 LB-FT	
<b>R.P.M.</b>	1760		<b>Pull-up Torque</b>	19.1 LB-FT	
<b>Hz</b>	60 Phase	3	<b>Locked-rotor Torque</b>	21.2 LB-FT	
<b>NEMA Design Code</b>	B	<b>KVA Code</b> K	<b>Starting Current</b>	30.9 A	
<b>Service Factor (S.F.)</b>	1.15		<b>No-load Current</b>	2.49 A	
<b>NEMA Nom. Eff.</b>	89.5	<b>Power Factor</b> 78	<b>Line-line Res. @ 25°C</b>	4.2111 Ω	
<b>Rating - Duty</b>	40C AMB-CONT		<b>Temp. Rise @ Rated Load</b>	25°C	
<b>S.F. Amps</b>	9.6/4.8		<b>Temp. Rise @ S.F. Load</b>	30°C	
			<b>Locked-rotor Power Factor</b>	44.1	

**Load Characteristics 460 V, 60 Hz, 3 HP**

<b>% of Rated Load</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>S.F.</b>
<b>Power Factor</b>	32	52	66	73	78	81	76
<b>Efficiency</b>	82.9	88.8	90.2	90.1	89.4	88.2	89.7
<b>Speed</b>	1791.6	1783	1773.2	1763.4	1753.4	1742	1757
<b>Line amperes</b>	2.65	3.04	3.59	4.26	5.03	5.89	4.72

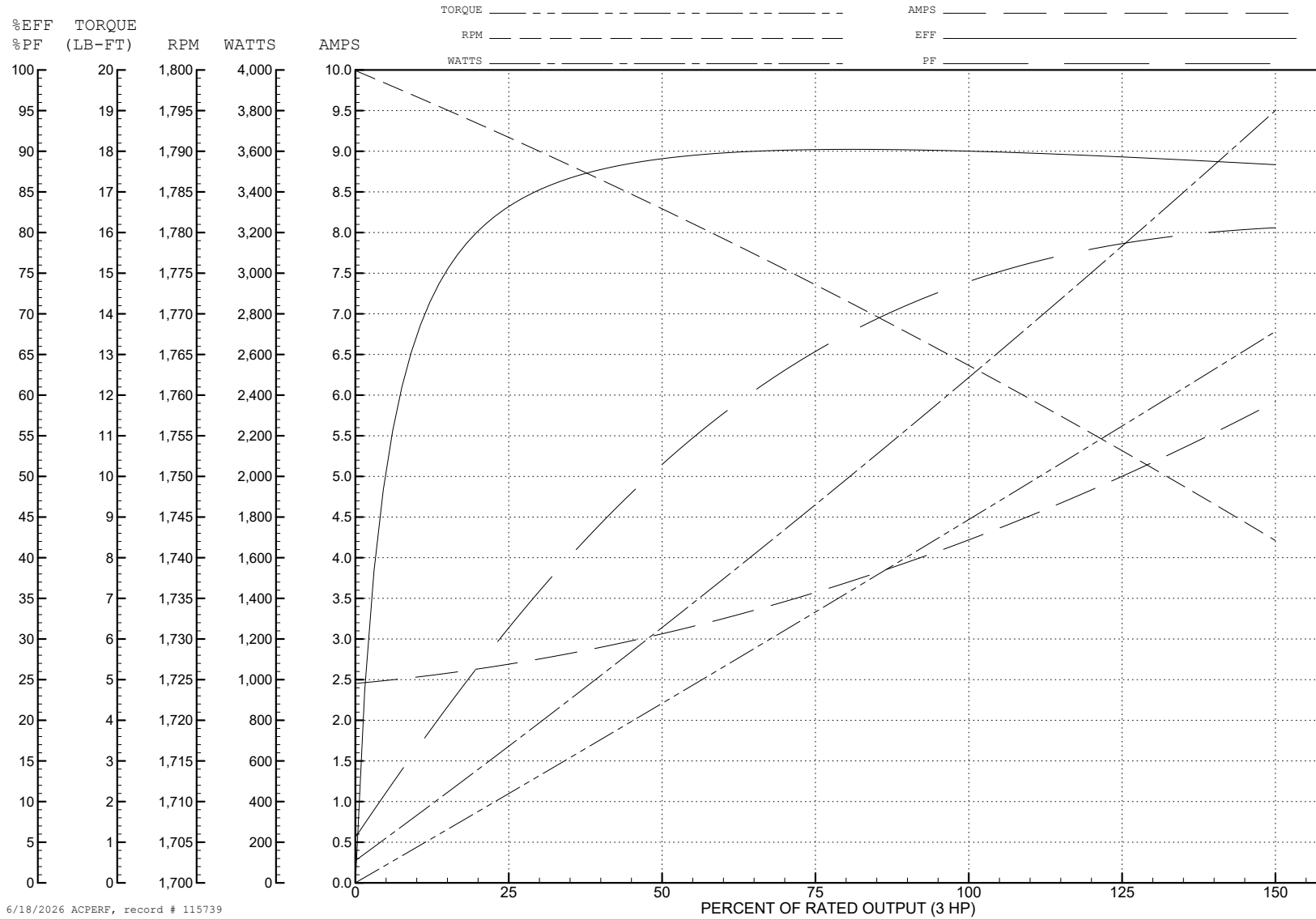
ABB Motors and Mechanical Inc.

WINDING # 36WGZ649

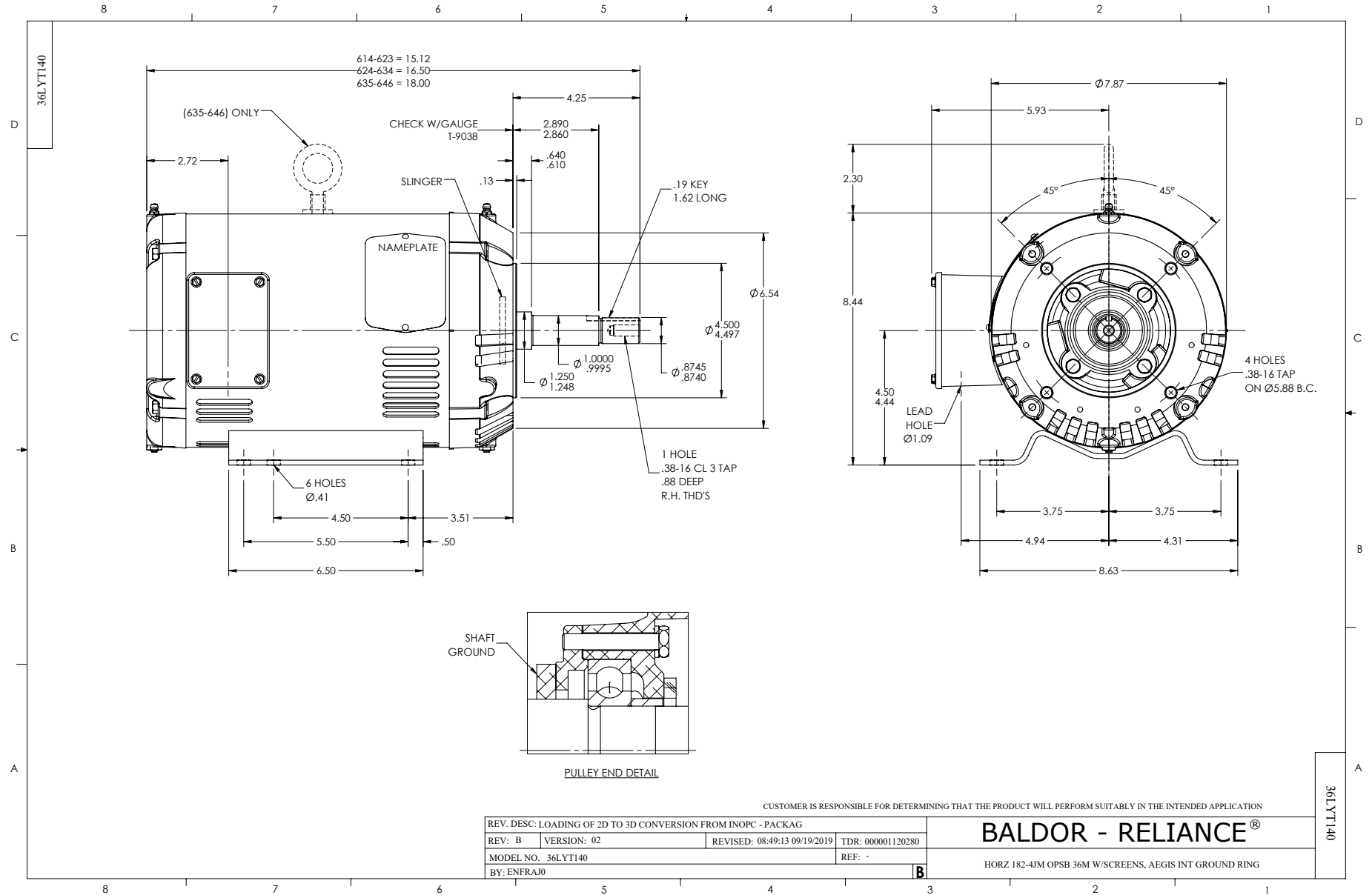
Typical performance - not guaranteed values.

3 HP 3 PH 60 HZ 1760 RPM 460 V 3628M

TORQUES (LB-FT): PO=35.1 PU=19.1 LR=21.2 LRA=30.9



6/18/2026 ACPERF, record # 115739



CD0005



LOW VOLTAGE  
(2Y)



LINE

HIGH VOLTAGE  
(1Y)



LINE

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			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
S00000		FILE: AAA00005140	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

3PH, DV, 9 LEADS