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# Customer information packet

## EJMM3211T-8

3HP, 1765RPM, 3PH, 60HZ, 182JM, 3630M, 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	200.0 V @ 60 HZ
Agency Approvals	UR CSA CSA EEV
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	9.700 A @ 200.0 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 Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	9.7 a
Insulation Class	F

## Part detail

Revision	K
Type	AC
Mech. spec.	36G687
Base	
Status	PRD/A
Elec. spec.	36WGS760
Layout	36LYG687
Eff. date	05-01-2024
CD Diagram	CD0006
Poles	04
Leads	3#14
Proprietary	False
Created date	09-19-2012

<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 Exit</b>	Ko Box
<b>Motor Lead Quantity/Wire Size</b>	3 @ 14 AWG
<b>Motor Lead Termination</b>	Flying Leads
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	3630M
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	16.50 IN
<b>Power Factor</b>	74
<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 Extension Location</b>	Pulley End
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	Shaft Slinger
<b>Speed</b>	1765 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**

<b>NP1259L</b>									
<b>CAT.NO.</b>	EJMM3211T-8								
<b>SPEC.</b>	36G687S760G1								
<b>HP</b>	3								
<b>VOLTS</b>	200								
<b>AMP</b>	9.7								
<b>RPM</b>	1765								
<b>FRAME</b>	182JM		<b>HZ</b>	60		<b>PH</b>	3		
<b>SER.F.</b>	1.15	<b>CODE</b>	K	<b>DES</b>	B	<b>CL</b>	F		
<b>NEMA-NOM-EFF</b>	89.5	<b>PF</b>	74						
<b>RATING</b>	40C AMB-CONT								
<b>CC</b>	010A								
<b>DE</b>	6207		<b>ODE</b>	6205					
<b>ENCL</b>	OPSB	<b>SN</b>							

**AC Induction Motor Performance Data**

Record # 34571

Typical performance - not guaranteed values

Winding: 36WGS760-R001		Type: 3630M	Enclosure: OPSB	
<b>Nameplate Data</b>			<b>200 V, 60 Hz: Single Voltage Motor</b>	
Rated Output (HP)	3	Full Load Torque	8.85 LB-FT	
Volts	200	Start Configuration	direct on line	
Full Load Amps	9.7	Breakdown Torque	37.6 LB-FT	
R.P.M.	1765	Pull-up Torque	17.5 LB-FT	
Hz	60 Phase	Locked-rotor Torque	21.4 LB-FT	
NEMA Design Code	B KVA Code	Starting Current	75.1 A	
Service Factor (S.F.)	1.15	No-load Current	5.72 A	
NEMA Nom. Eff.	89.5 Power Factor	Line-line Res. @ 25°C	0.731 Ω	
Rating - Duty	40C AMB-CONT	Temp. Rise @ Rated Load	24°C	
S.F. Amps		Temp. Rise @ S.F. Load	29°C	
		Locked-rotor Power Factor	44	
		Rotor inertia	0.279 LB-FT <sup>2</sup>	

**Load Characteristics 200 V, 60 Hz, 3 HP**

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	32	53	66	73	78	81	76
Efficiency	79.6	87.4	89.4	89.7	89.5	88.3	89.6
Speed	1791	1783	1775	1766	1756	1745	1760
Line amperes	6.1	6.99	8.24	9.84	11.5	13.5	10.8

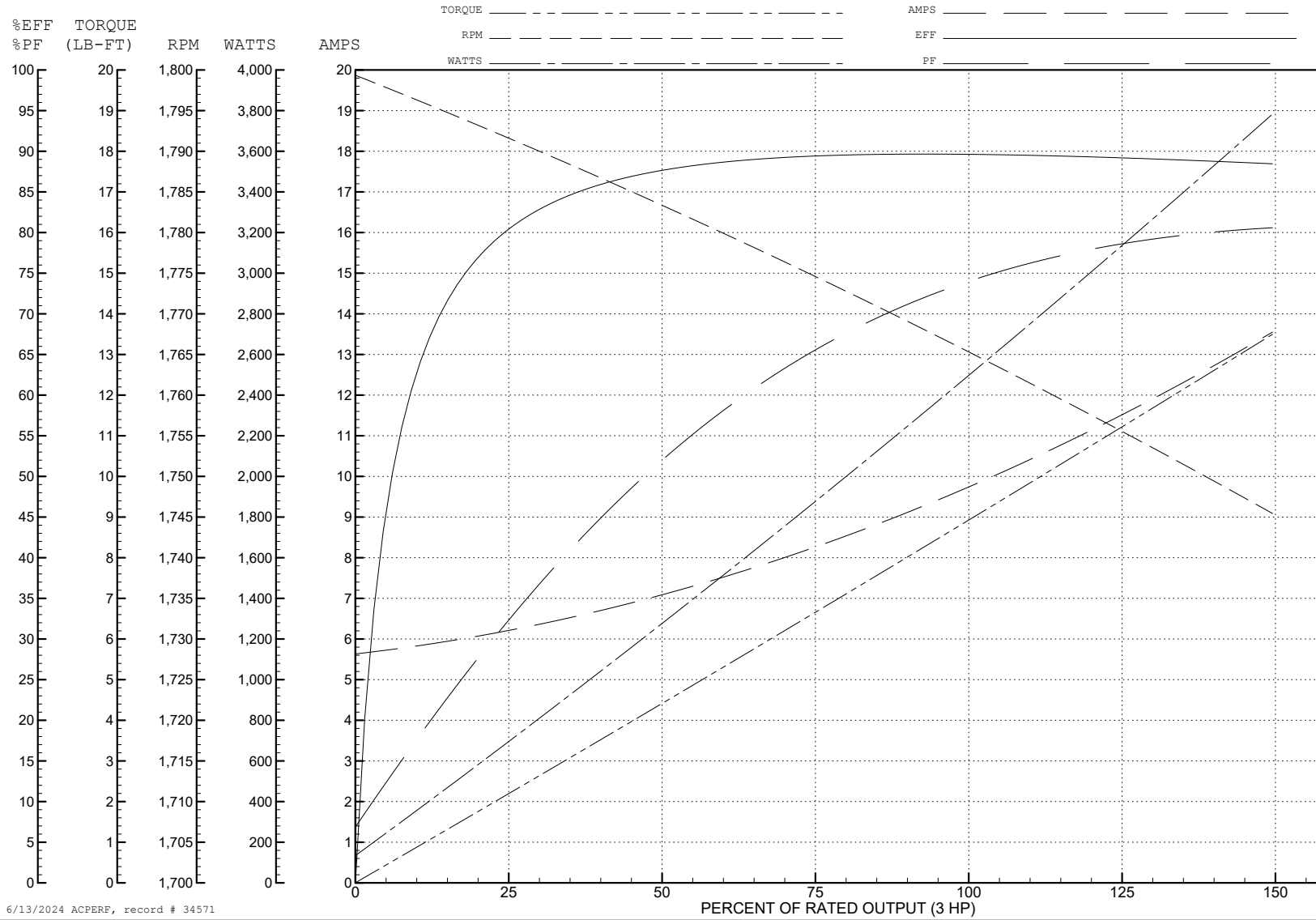
ABB Motors and Mechanical Inc.

WINDING # 36WGS760

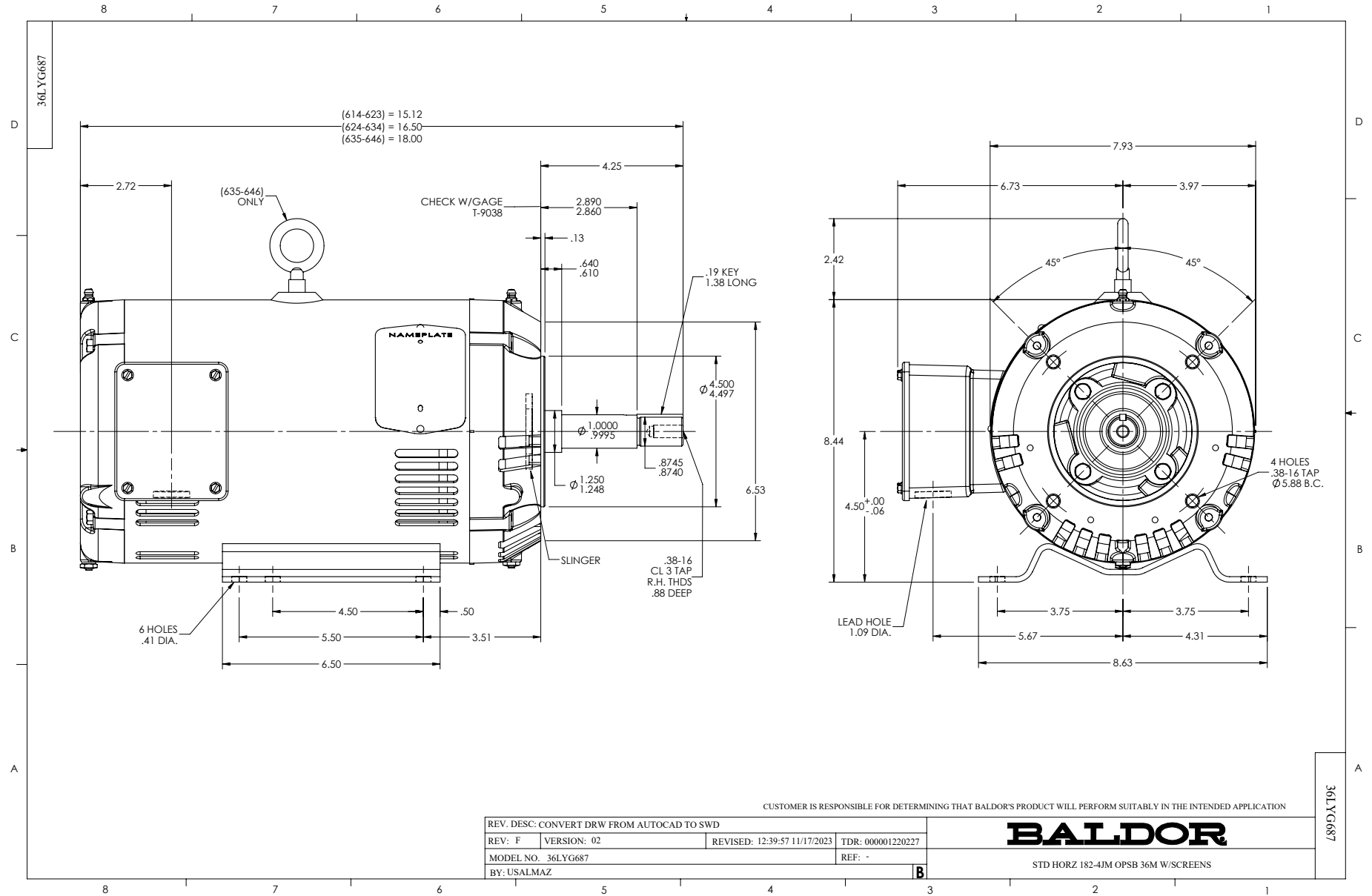
3 HP 3 PH 60 HZ 1765 RPM 200 V 3630M

Typical performance - not guaranteed values.

TORQUES (LB-FT): PO=37.6 PU=17.5 LR=21.4 LRA=75.1



6/13/2024 ACPERF, record # 34571



CD0006



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

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3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

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