



Customer information packet

EM3667T

1.5HP, 1170RPM, 3PH, 60HZ, 182T, 0630M, TEFC, F

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	182T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	1.500 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CURUSEEV NEMA PREMIUM NEMA PREMIUM (OLD LOGO)
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	5.000 A @ 230.0 V 5.200 A @ 208.0 V 2.500 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	87.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None

Part detail

Revision	P
Type	AC
Mech. spec.	06C101
Base	
Status	PRD/A
Elec. spec.	06WGW969
Layout	06LYC101
Eff. date	03-05-2026
CD Diagram	CD0005
Poles	06
Leads	9#16
Proprietary	False
Created date	12-02-2010

Heater Indicator	No Heater
High Voltage Full Load Amps	2.5 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0630M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	15.24 IN
Power Factor	65
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 Diameter	1.125 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1170 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

NP3441LUA

CAT.NO.	EM3667T						
SPEC	06C101W969G2						
HP	1.5						
VOLTS	230/460						
AMPS	5/2.5						
RPM	1170						
FRAME	182T		HZ	60		PH	3
SF	1.15	CODE	K	DES	B	CLASS	F
NEMA NOM. EFF	87.5	PF	65				
RATING	40C AMB-CONT						
CC	010A						
ENCL	TEFC	SER					
DE	6206	ODE	6205				
VPWM INVERTER READY	SFA 5.5/2.75						
CT6-60H(10:1)VT3-60H(20:1	50HZ 1.5HP 190/380V 5.8/2.9A						SF1.0

Accessories

Part number	Description	Multiplier
36-1749	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 31767

Typical performance - not guaranteed values

Winding: 06WGW969-R001		Type: 0630M	Enclosure: TEFC		
Nameplate Data			460 V, 60 Hz: High Voltage Connection		
Rated Output (HP)	1.5	Full Load Torque	6.77 LB-FT		
Volts	230/460	Start Configuration	direct on line		
Full Load Amps	5.0/2.5	Breakdown Torque	24 LB-FT		
R.P.M.	1170	Pull-up Torque	12.5 LB-FT		
Hz	60 Phase	3	Locked-rotor Torque	15.8 LB-FT	
NEMA Design Code	B	KVA Code	K	Starting Current	16.19 A
Service Factor (S.F.)	1.15	No-load Current	1.63 A		
NEMA Nom. Eff.	87.5	Power Factor	65	Line-line Res. @ 25°C	7.34 Ω
Rating - Duty	40C	AMB-CONT	Temp. Rise @ Rated Load	26°C	
S.F. Amps			Temp. Rise @ S.F. Load	32°C	

Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	27	44	56	65	69	73	67
Efficiency	76.9	85	87.1	87.6	87	86	87.2
Speed	1193.7	1186.9	1179.4	1171.7	1163.1	1152.9	1167
Line amperes	1.7	1.9	2.18	2.51	2.92	3.38	2.76

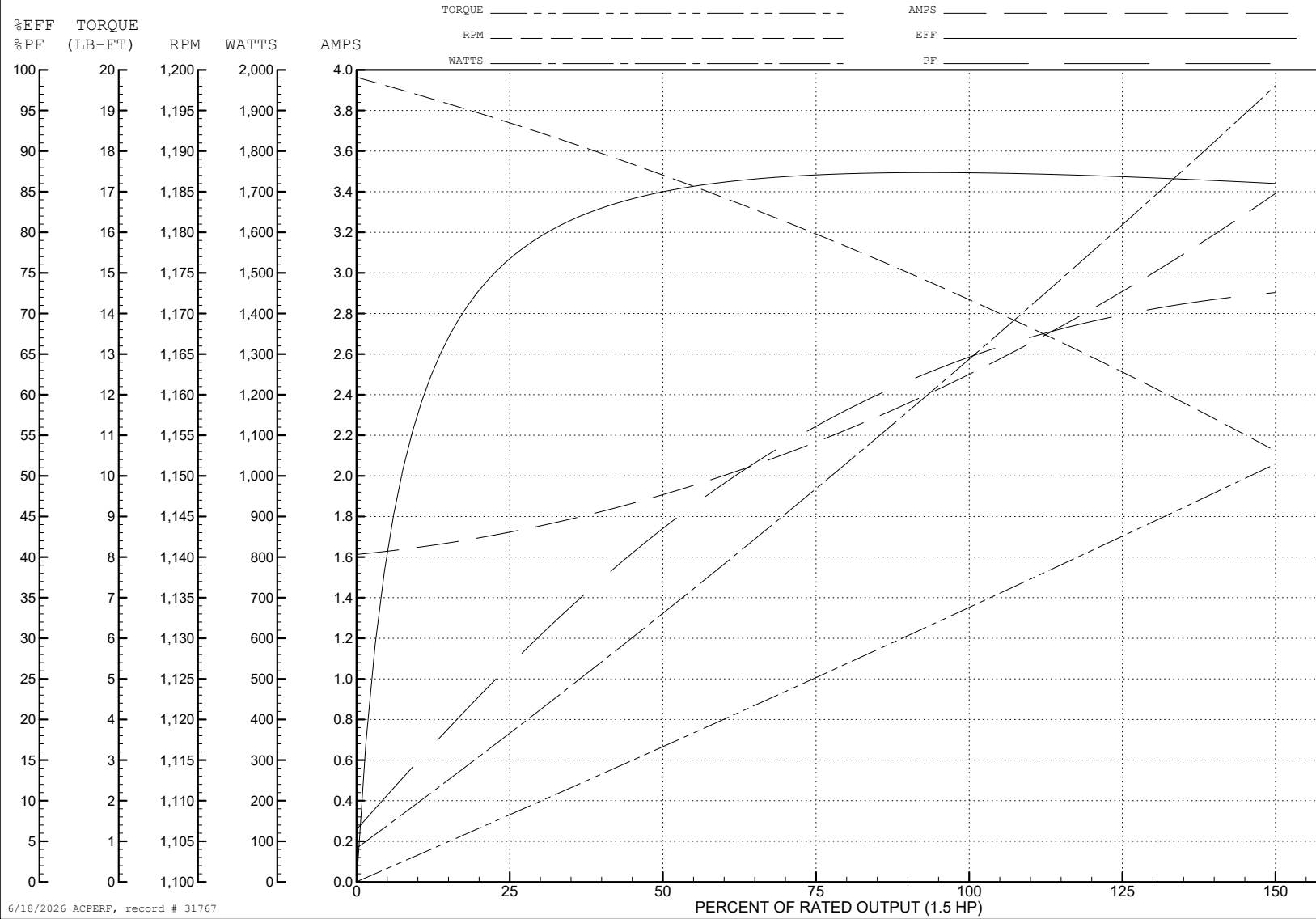
ABB Motors and Mechanical Inc.

WINDING # 06WGW969

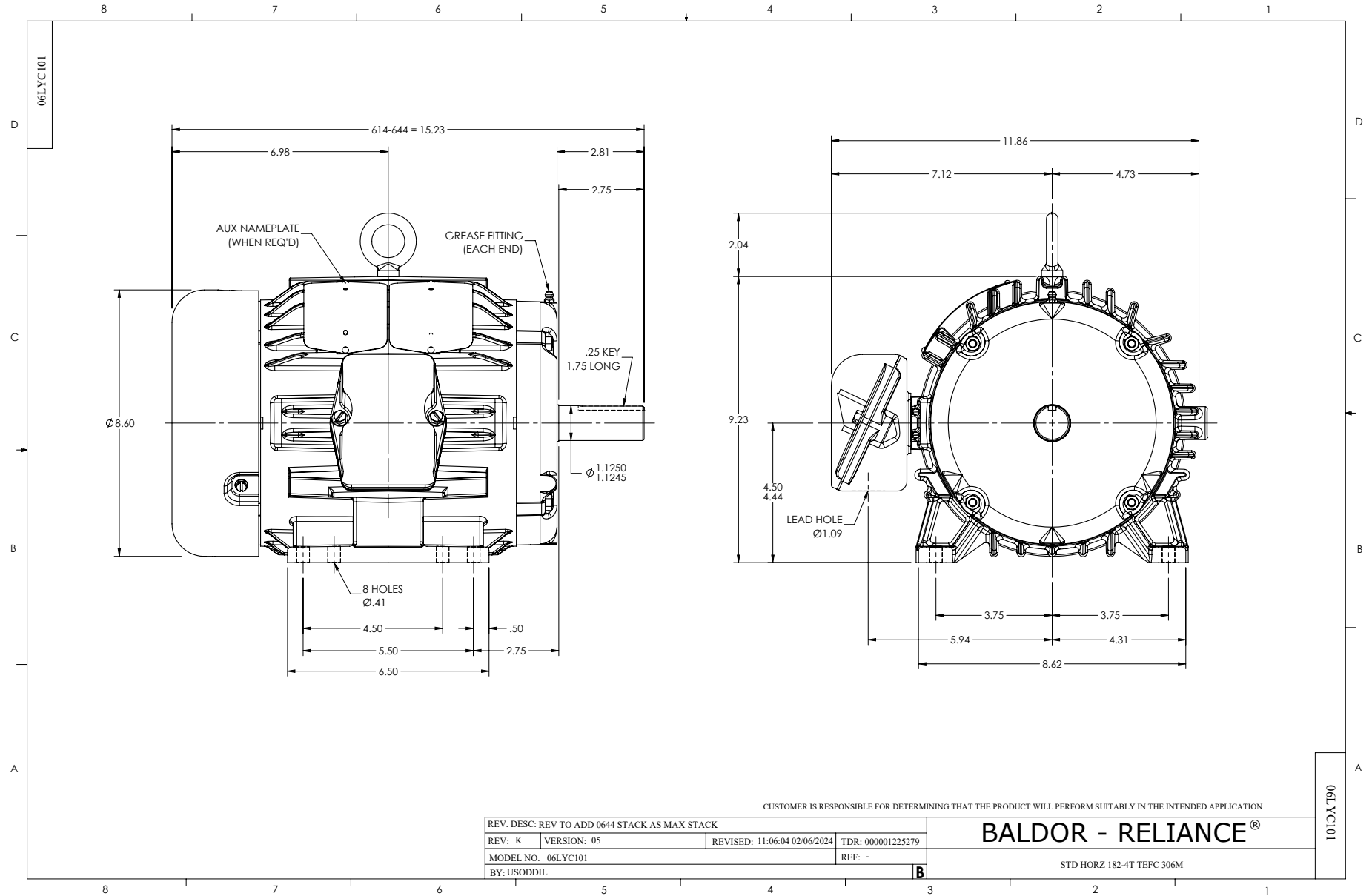
Typical performance - not guaranteed values.

1.5 HP 3 PH 60 HZ 1170 RPM 460 V 0630M

TORQUES (LB-FT): PO=24 PU=12.5 LR=15.8 LRA=16.19



6/18/2026 ACPERF, record # 31767



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

500000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS