

ABB BALDOR RELIANCE III

Customer information packet

GNEM3714T

10HP//7.5KW, 1770//1460RPM, 3PH, 60//50HZ, 2

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	215T
Frame Material	Steel
Frequency	50.00 Hz 60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	7.500 KW @ 50 HZ 10.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1500 RPM @ 50 HZ
Voltage @ Frequency	190.0 V @ 50 HZ 208.0 V @ 60 HZ 230.0 V @ 60 HZ 380.0 V @ 50 HZ 460.0 V @ 60 HZ
Agency Approvals	CE WEEE UKCA CURUSEEV IE3 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	30.000 A @ 190.0 V 27.000 A @ 208.0 V 26.000 A @ 230.0 V

Part Detail

Revision	B
Type	AC
Mech. spec.	37H244
Base	
Status	PRD/A
Elec. spec.	37WGZ676
Layout	37LYH244
Eff. date	05-13-2024
CD Diagram	CD0005
Poles	04
Leads	9#14
Proprietary	False
Created date	10-27-2023

15.000 A @ 380.0 V

13.000 A @ 460.0 V

Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.7 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	13.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
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	4
Overall Length	20.52 IN
Power Factor	78
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	1.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible

Shaft Slinger Indicator	No Slinger
Speed	1460 rpm 1770 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

NP4304L										
CAT.NO.	GNEM3714T									
SPEC.	37H244Z676									
HP	10HP//7.5KW				PH	3				
VOLTS	208-230/460//190/380									
AMPS	27-26/13//30/15									
R.P.M. (1/MIN)	1770//1460				WT.	57KG	KG			
FRAME	215T	HZ	60//50		I.P.	44				
SER.F.	1.15	CODE	K	DES.	A	CLASS	F			
NOM.EFF.	91.7//90.4		% (100%)							
P.F.	78	IC411, 10:1 VT								
RATING	40C AMB-S1 CONT			CC	010A					
DE	6307	ODE	6206							
ENCL	TEFC	SN								
	IE3-60HZ- 92.7(75%)91.9(50%)									
	IE3-50HZ- 91.6(75%)91.9(50%)									
	SFA 31-30/15//34/17									

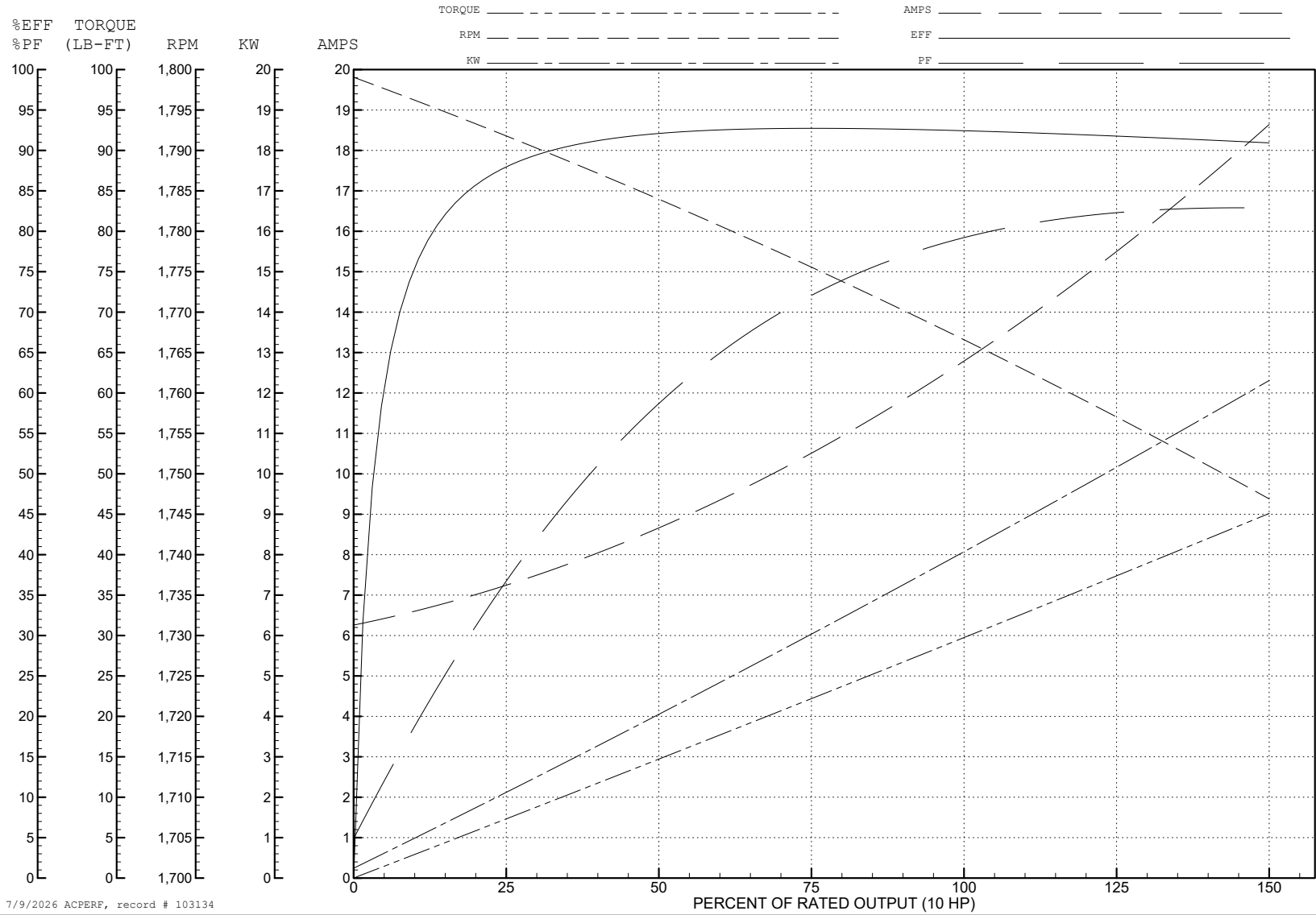
ABB Motors and Mechanical Inc.

WINDING # 37WGZ676

Typical performance - not guaranteed values.

10 HP 3 PH 60 HZ 1766.5 RPM 460 V 3756M

TORQUES (LB-FT): PO=110 PU=66.7 LR=83.7 LRA=112



7/9/2026 ACPERF, record # 103134

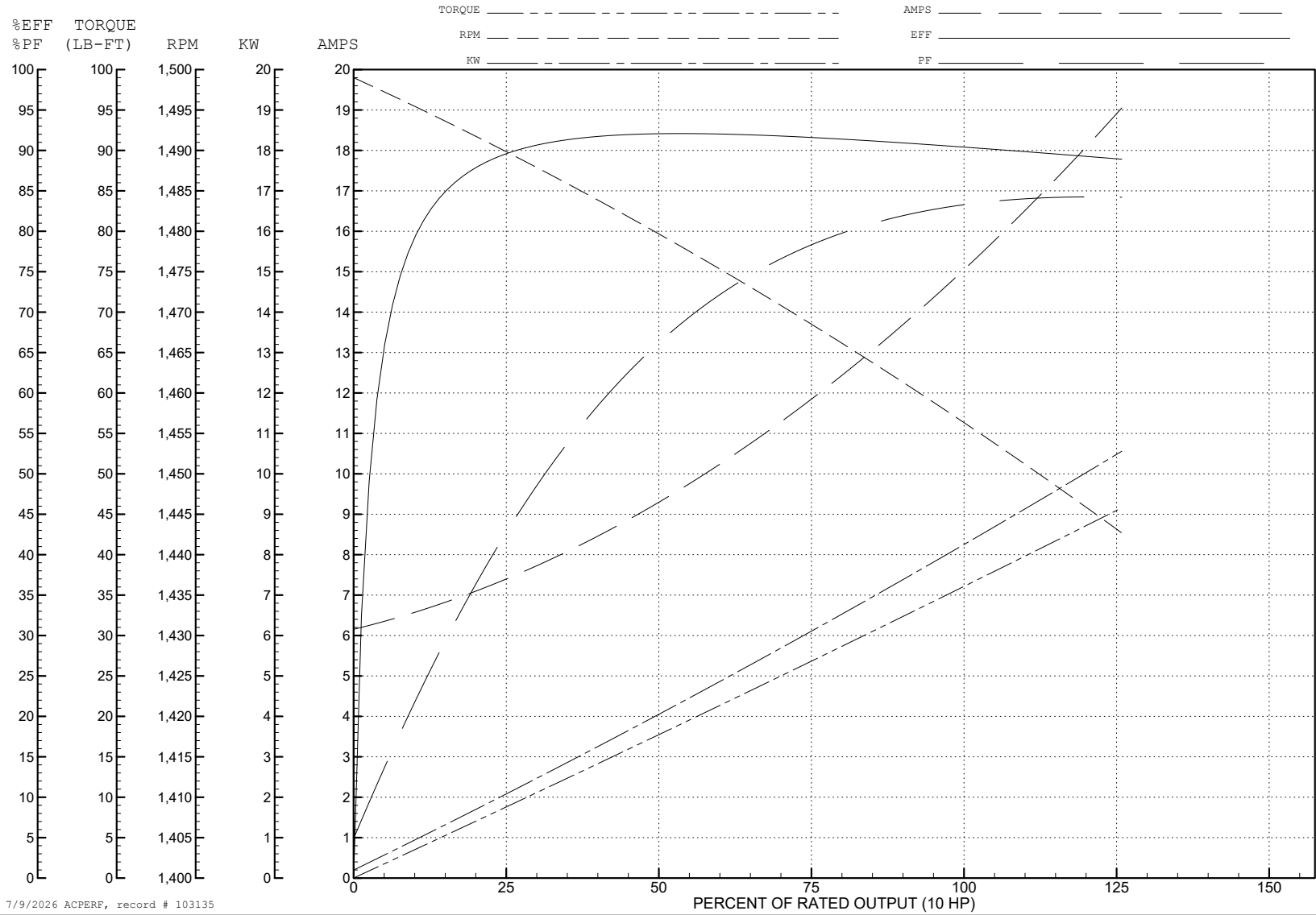
ABB Motors and Mechanical Inc.

WINDING # 37WGZ676

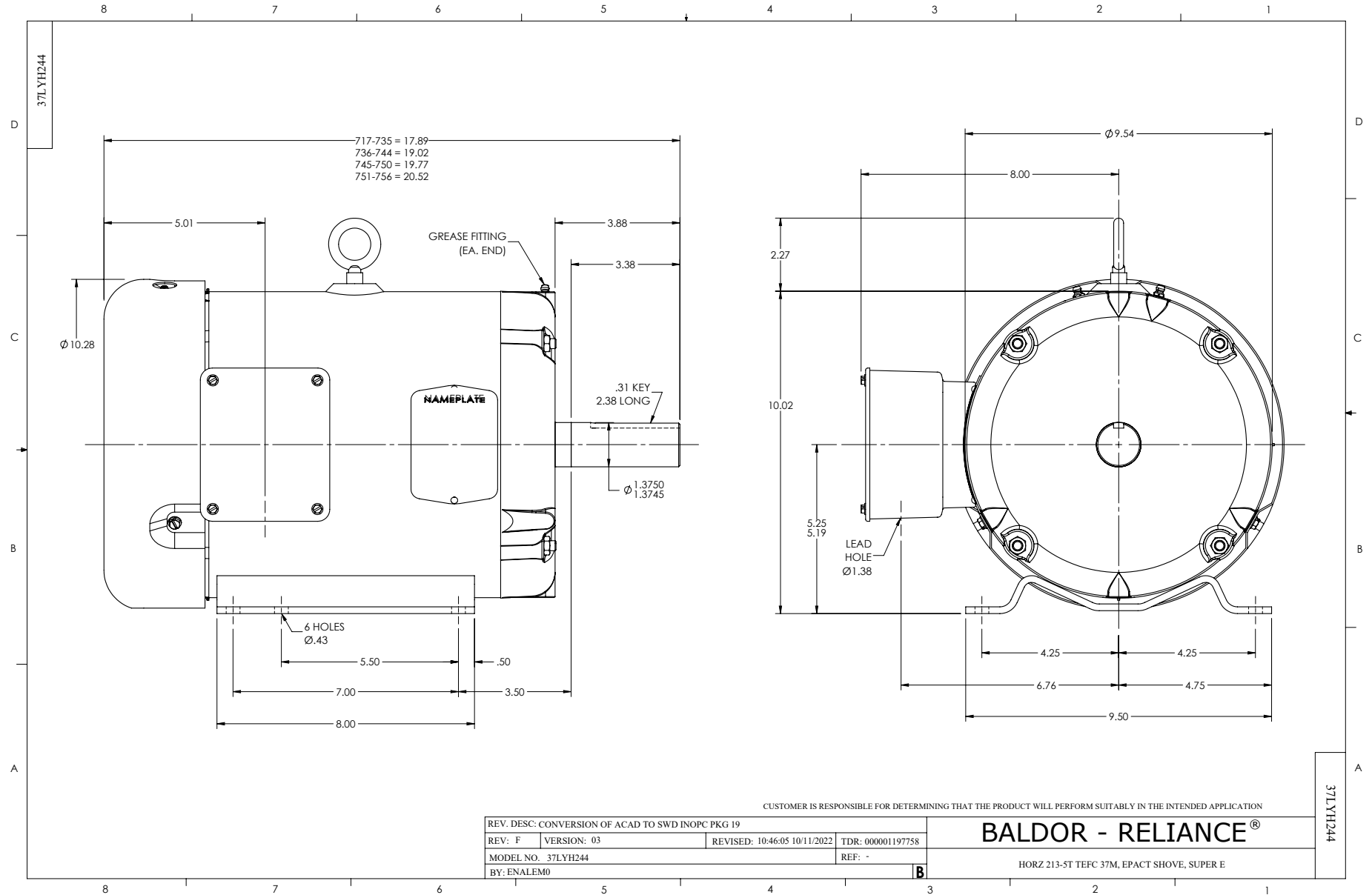
Typical performance - not guaranteed values.

10 HP 3 PH 50 HZ 1456.3 RPM 380 V 3756M

TORQUES (LB-FT): PO=112 PU=57.6 LR=80.9 LRA=107



7/9/2026 ACPERF, record # 103135



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