

# ABB BALDOR RELIANCE III

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## Customer information packet

### CEBM3714T-D

10HP, 1770RPM, 3PH, 60HZ, 215TC, 3752M, TEFC, F

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	TEFC
<b>Frame</b>	215TC
<b>Frame Material</b>	Steel
<b>Frequency</b>	60.00 Hz
<b>Haz Area Class and Group</b>	None
<b>Haz Area Division</b>	Not Applicable
<b>Motor Letter Type</b>	Three Phase
<b>Output @ Frequency</b>	10.000 HP @ 60 HZ
<b>Phase</b>	3
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage @ Frequency</b>	460.0 V @ 60 HZ 230.0 V @ 60 HZ
<b>Agency Approvals</b>	CE CSA UR
<b>Ambient Temperature</b>	40 °C
<b>Auxiliary Box</b>	NO AUXILLARY BOX
<b>Auxiliary Box Lead Termination</b>	None
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Blower</b>	None
<b>Brake Torque</b>	35.0 lb-ft
<b>Current @ Voltage</b>	24.000 A @ 230.0 V 25.400 A @ 208.0 V 12.000 A @ 460.0 V
<b>Design Code</b>	A
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	91.7 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Face Code</b>	Fan Housing Cover For Brake

**Part Detail**

<b>Revision</b>	S
<b>Type</b>	AC
<b>Mech. spec.</b>	37M907
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	37WGS518
<b>Layout</b>	37LYM907
<b>Eff. date</b>	10-04-2023
<b>CD Diagram</b>	CD0005
<b>Poles</b>	04
<b>Leads</b>	9#14
<b>Proprietary</b>	False
<b>Created date</b>	02-21-2013

Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	12.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3752M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	27.67 IN
Power Factor	85
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.375 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	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**

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**Nameplate**

<b>NP4304L</b>									
<b>CAT.NO.</b>	CEBM3714T-D								
<b>SPEC.</b>	37M907S518G1								
<b>HP</b>	10/7.5KW	<b>PH</b>	3						
<b>VOLTS</b>	230/460								
<b>AMPS</b>	24/12								
<b>R.P.M. (1/MIN)</b>	1770	<b>WT.</b>	75	<b>KG</b>					
<b>FRAME</b>	215TC	<b>HZ</b>	60	<b>I.P.</b>	44				
<b>SER.F.</b>	1.15	<b>CODE</b>	K	<b>DES.</b>	A	<b>CLASS</b>	F		
<b>NOM.EFF.</b>	91.7	% (100%)							
<b>P.F.</b>	85	IC411							
<b>RATING</b>	40C AMB-CONT	<b>CC</b>	010A						
<b>DE</b>	6307	<b>ODE</b>	6206						
<b>ENCL</b>	TEFC	<b>SN</b>							
	IE3 93.0 (75%) 92.6 (50%)								

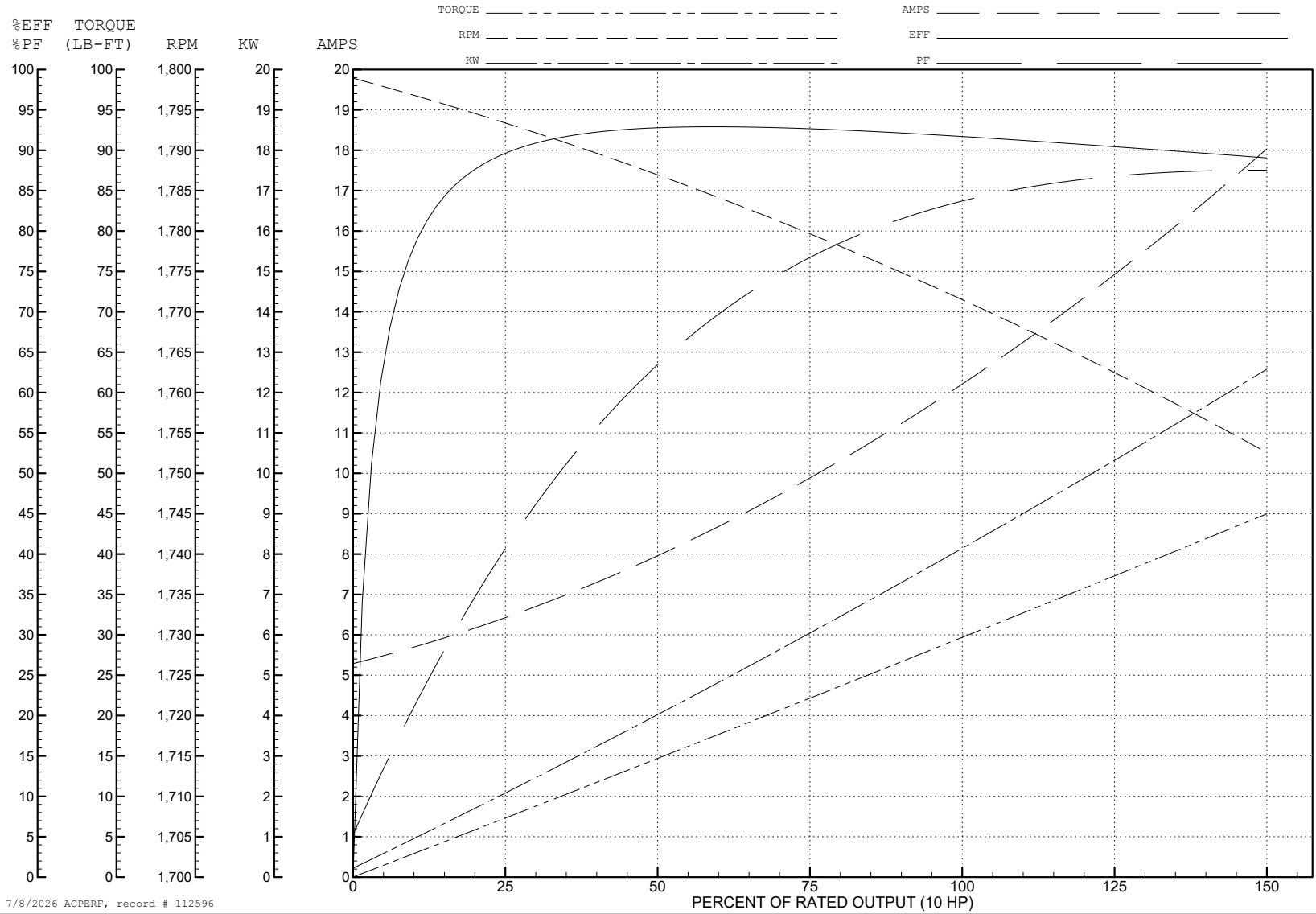
ABB Motors and Mechanical Inc.

WINDING # 37WGS518

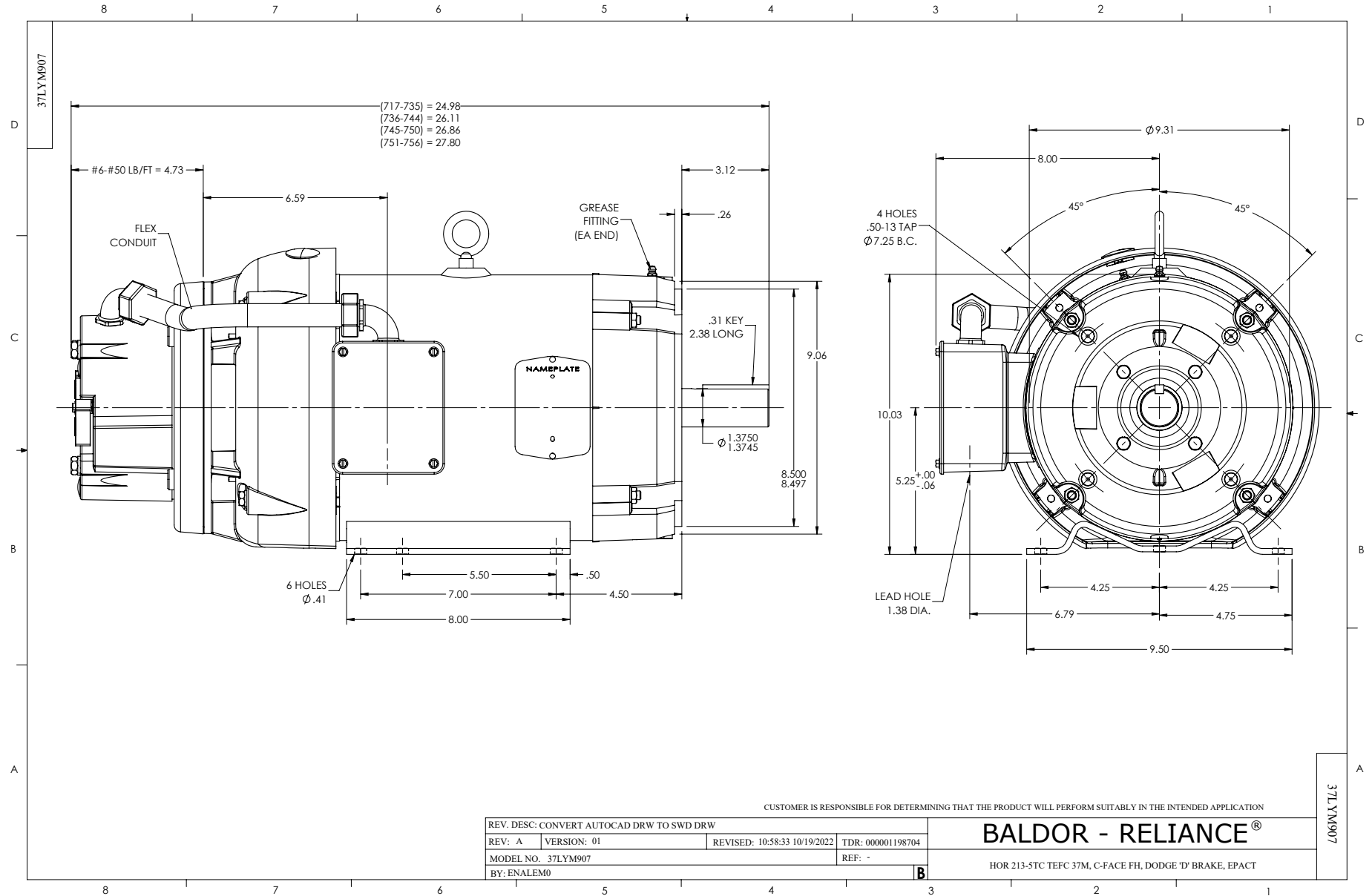
Typical performance - not guaranteed values.

10 HP 3 PH 60 HZ 1770 RPM 460 V 3752M

TORQUES (LB-FT): PO=134 PU=49.2 LR=68.7 LRA=103



7/8/2026 ACPERF, record # 112596



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

CD2120

WIRING CONNECTIONS (1 PHASE VAC)

	POWER LINE A	POWER LINE B	CAP TOGETHER	CAP ALONE
AC LOW VOLT.	B1	B2	B3 & B5	B4
AC HIGH VOLT.	B1 & B5	B2	---	B3 CAP ALONE B4 CAP ALONE
DC VOLT.	B1	B2	B3 & B5	B4

B1 WHITE  
B2 BLACK  
B3 GRAY  
B4 BLUE  
B5 RED

CD2120

REV. DESC: NEW		TDR: 000000741785	
REV. LTR: -	VERSION: 00	REVISD: 12: 28:11 04/12/2012	
FILE: \CKA\00037\282		BY: CKRONSO	
MTL: -			

**BALDOR • DODGE • RELIANCE III**

D-SERIES MOTOR BRAKE 5LD AC\DC  
SH 1 of 1