

ABB BALDOR RELIANCE III

Customer information packet

L3705

3HP, 1725RPM, 1PH, 60HZ, 215, 3735LC, TEFC, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	215
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Cap Start, Cap Run
Output @ Frequency	3.000 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CSA UR
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 @ 115.0 V 15.000 A @ 208.0 V 14.000 A @ 230.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	80.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater

Part Detail

Revision	AN
Type	AC
Mech. spec.	37C011
Base	
Status	PRD/A
Elec. spec.	37WGX229
Layout	37LYC011
Eff. date	05-10-2024
CD Diagram	CD0076
Poles	04
Leads	8#14
Proprietary	False
Created date	01-01-0001

High Voltage Full Load Amps	14.0 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	8 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3735LC
Mounting Arrangement	F1
Number of Poles	4
Overall Length	17.51 IN
Power Factor	90
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	1725 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

NP1256L										
CAT.NO.	L3705									
SPEC.	37C11X229									
HP	3									
VOLTS	115/230									
AMP	30/14									
RPM	1725									
FRAME	215		HZ	60			PH	1		
SER.F.	1.15	CODE	K	DES	L	CLASS	F			
NEMA-NOM-EFF	80	PF	90							
RATING	40C AMB-CONT									
CC										
DE	6307	ODE	6206							
ENCL	TEFC	SN								

Accessories

Part number	Description	Multiplier
37-3301	C FACE KIT	P1

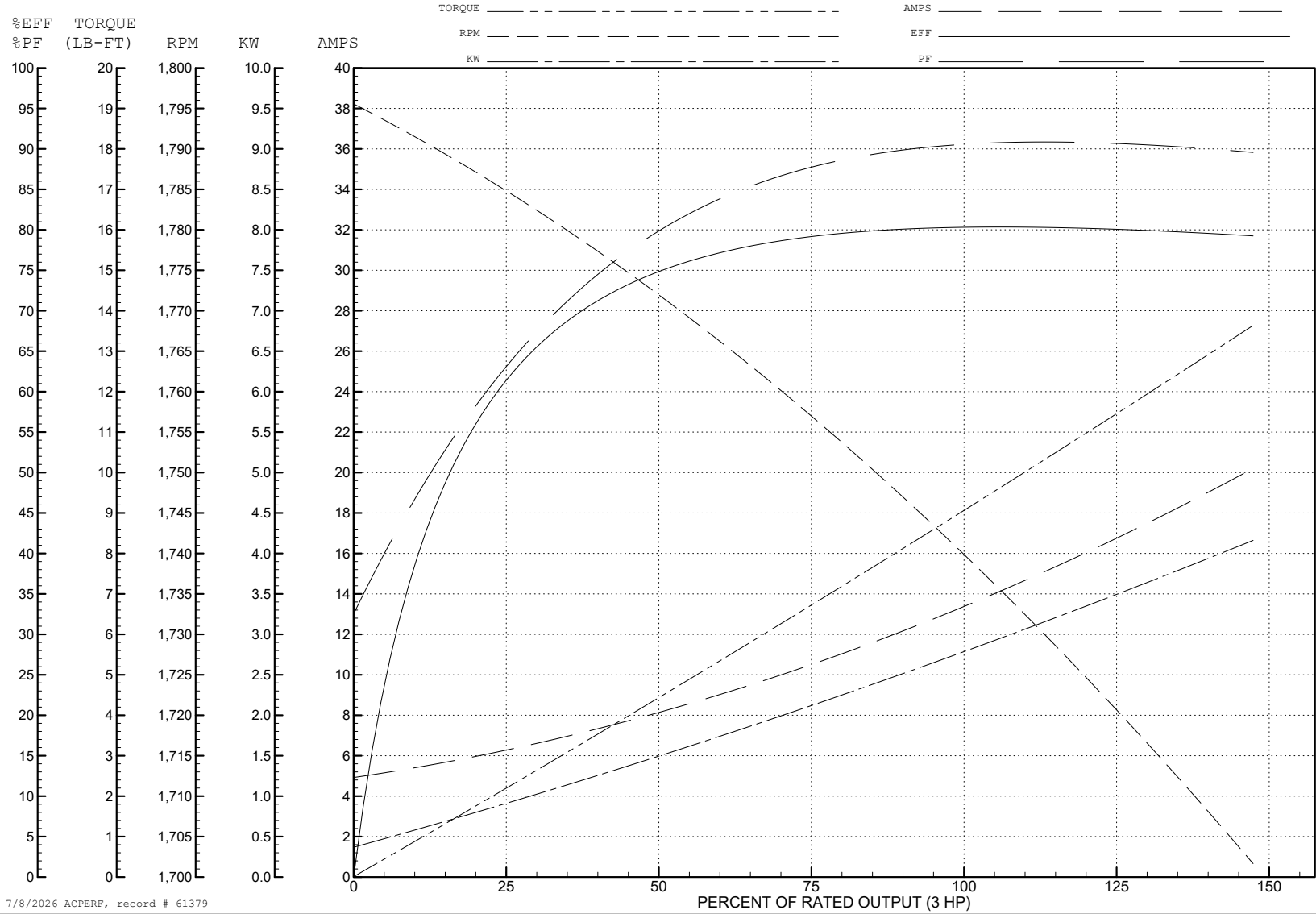
ABB Motors and Mechanical Inc.

WINDING # 37WGx229

Typical performance - not guaranteed values.

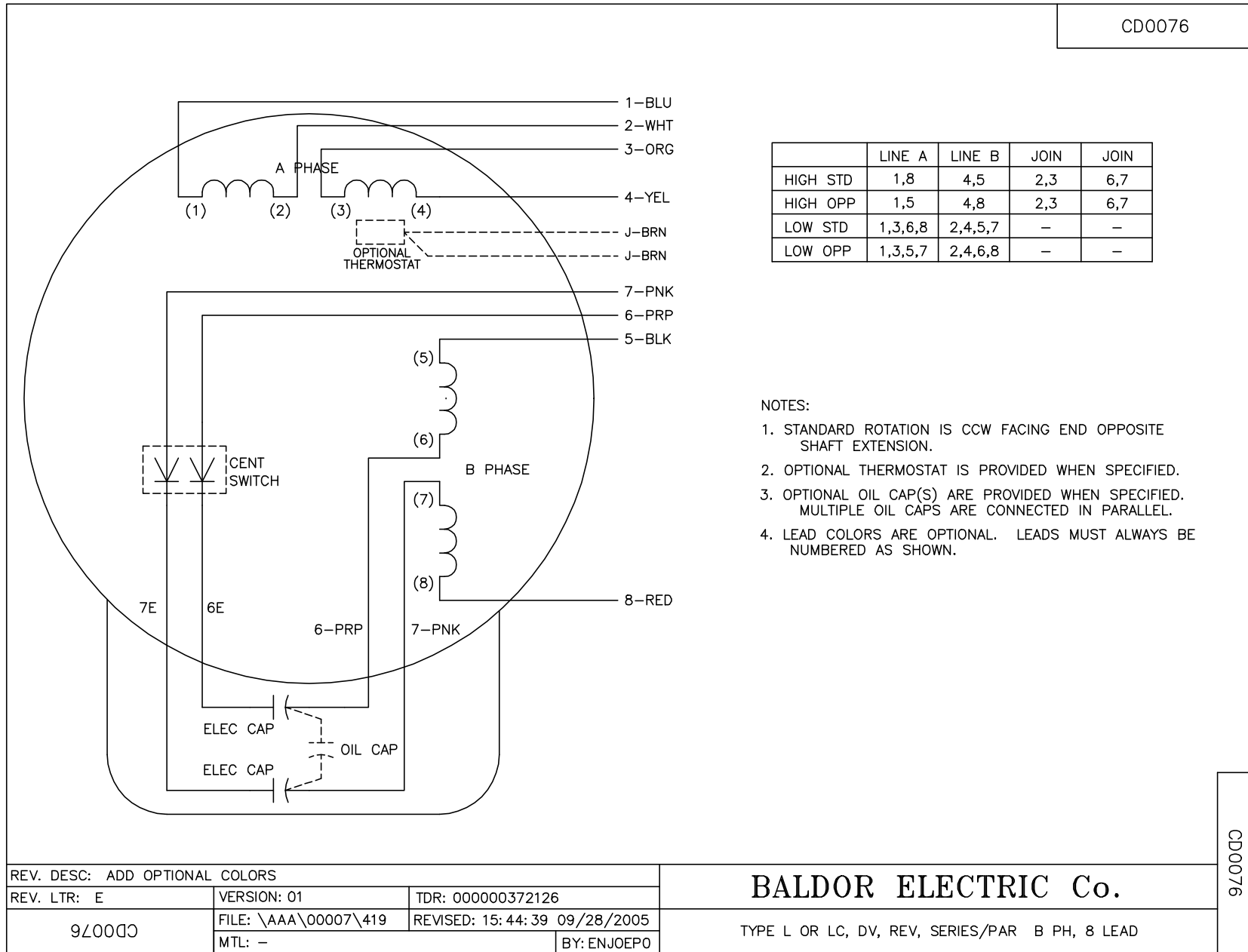
3 HP 1 PH 60 HZ 1725 RPM 230 V 3735LC

TORQUES (LB-FT): PO=24 PU=20 LR=45 LRA=110



7/8/2026 ACPERF, record # 61379

CD0076



REV. DESC: ADD OPTIONAL COLORS			
REV. LTR: E	VERSION: 01	TDR: 000000372126	
9Z0000	FILE: \AAA\00007\419	REVISED: 15:44:39 09/28/2005	
	MTL: -	BY: ENJOEPO	

BALDOR ELECTRIC Co.

TYPE L OR LC, DV, REV, SERIES/PAR B PH, 8 LEAD

CD0076