

BALDOR® • RELIANCE

Product Information Packet

CEWDM3714T-5

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

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3752M	Elec. Spec:	37WGS829	CD Diagram:	CD0006
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37G815	Layout:	37LYG815
Frame:	215TC	Mounting:	F1	Poles:	04	Created Date:	04-29-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	05-26-2016
Leads:	3#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1669L

CAT.NO.	CEWDM3714T-5									
SPEC.	37G815S829G1									
HP	10									
VOLTS	575									
AMP	9.6									
RPM	1770									
FRAME	215TC				HZ		60		PH	3
SER.F.	1.15			CODE	K	DES	A		CLASS	F
NEMA-NOM-EFF	91.7			PF	85					
RATING	40C AMB-CONT									
CC	010A			USABLE AT 208V						
DE	6307			ODE	6206					
ENCL	TEFC		SN							
BLANK										

Parts List		
Part Number	Description	Quantity
SA194242	SA 37G815S829G1	1.000 EA
RA181830	RA 37G815S829G1	1.000 EA
37FN3002C01	EXFN, PLASTIC, 6.00 OD, 1.155 ID	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
37CB3005A04W	CASTING W/.75 NPT@6(MACH WHITE)	1.000 EA
37GS1025	37 MOLDED GASKET W/LIP, LEAD SEAL	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HA5027A01	HA4066A01 T-DRAIN X2 BAGGED	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3101A94MW	FRONT TEFC L&M 206 BRG W/O GRSR (WHITE)	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3300A23MW	WHITE EPOXY EP MACH COMPL	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW4600B51	SEAL 1.375 X 2.125 X 0.313 SINGLE LIP DB	1.000 EA
10XN2520S30	1/4-20 X 1 7/8 HEX HEAD SS	4.000 EA
XY3118S12	5/16-18 HEX NUT, STAINLESS STEEL	4.000 EA
07FH4011	WASHDOWN IEC FH W/PRIMED	1.000 EA
11XW1032S06	SCREW, HXWSHR HD SLDTYF 410 SS	3.000 EA
HW4600B74	V-RING SLINGER 1.125 X 1.445 X .24 VITON	1.000 EA
HW4600B31SP	V-RING SLINGER 1.438 X 1.758 X .24 VITON	1.000 EA
37CB4512	CONDUIT BOX LID FOR WASHDOWN 37 FRAME	1.000 EA
37GS1008A02	37 GS FOR CB LID - WHITE NEOPRENE	1.000 EA
59XN0832S07	8/32 X 7/16 HX WS HD SER X	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2502F21	#303 SS,SQ KEY 5/16 X 2.375	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
MJ5001A27	32220KN GRAY SEALER *MIN BUY 4 QTS=1GAL	0.001 QT
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
MG1025Z02	ACTIVATOR WILKOFAS 060.02HF	0.010 GA
MG1025W01	WILKOFAS 781.01, SIGNAL WHITE #9003	0.028 GA
HA3104S25	THRUBOLT-5/16-18X14.75 SS	4.000 EA
LC0006	CONNECTION LABEL	1.000 EA
NP1669L	SS WD SUPER-E UL CSA-EEV PREM REV MTG	1.000 EA
37PA1039	PALLET PACK GRP, PRINT PK1026A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA

AC Induction Motor Performance Data

Record # 31008 - Typical performance - not guaranteed values

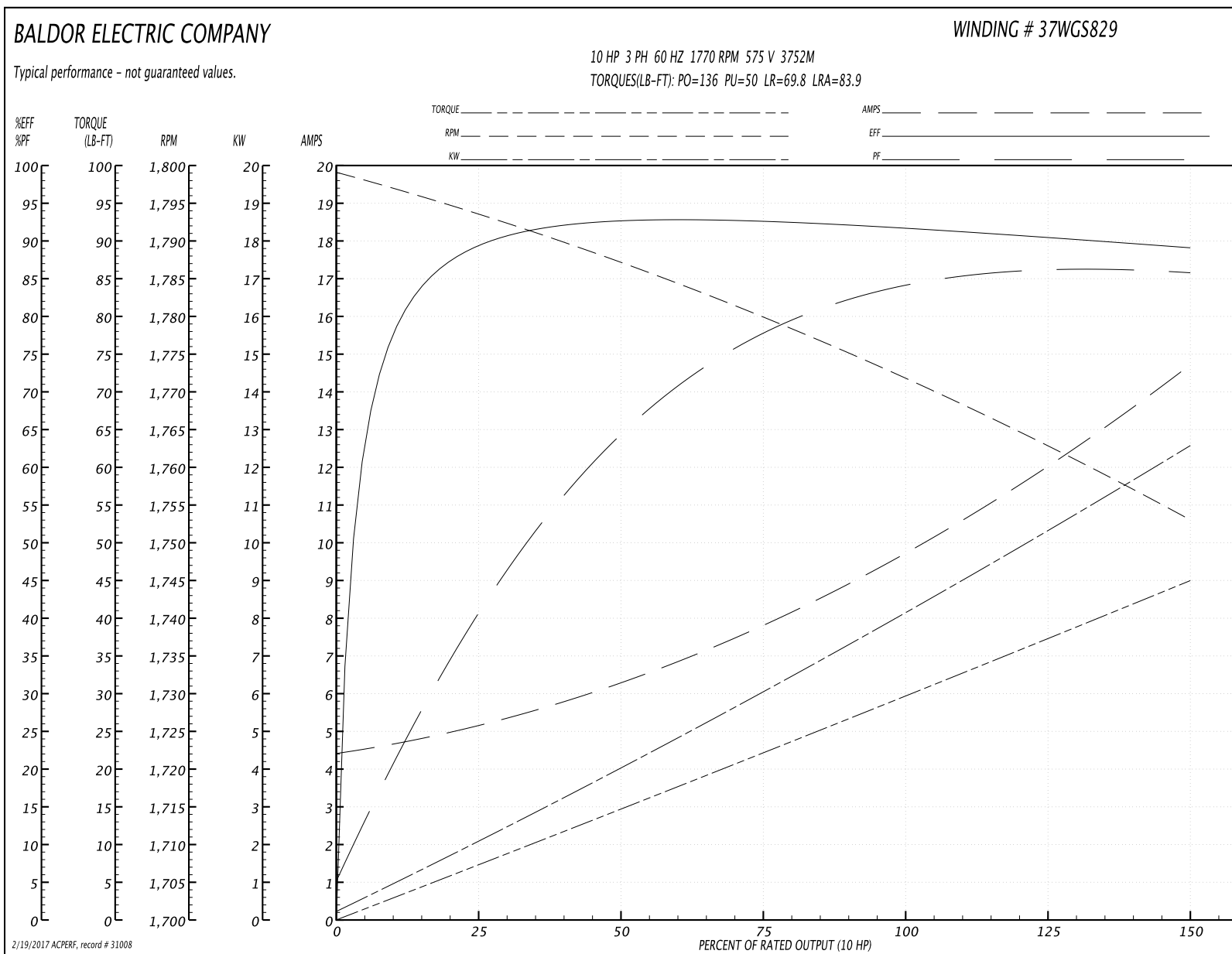
Winding: 37WGS829-R001	Type: 3752M	Enclosure: TEFC
-------------------------------	--------------------	------------------------

Nameplate Data				575 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	10			Full Load Torque	29.5 LB-FT
Volts	575			Start Configuration	direct on line
Full Load Amps	9.6			Breakdown Torque	136 LB-FT
R.P.M.	1770			Pull-up Torque	50 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	69.8 LB-FT
NEMA Design Code	A	KVA Code	K	Starting Current	83.9 A
Service Factor (S.F.)	1.15			No-load Current	4.52 A
NEMA Nom. Eff.	91.7	Power Factor	85	Line-line Res. @ 25°C	1.42 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	63°C
S.F. Amps				Temp. Rise @ S.F. Load	79°C
				Locked-rotor Power Factor	35
				Rotor inertia	1.28 LB-FT ²

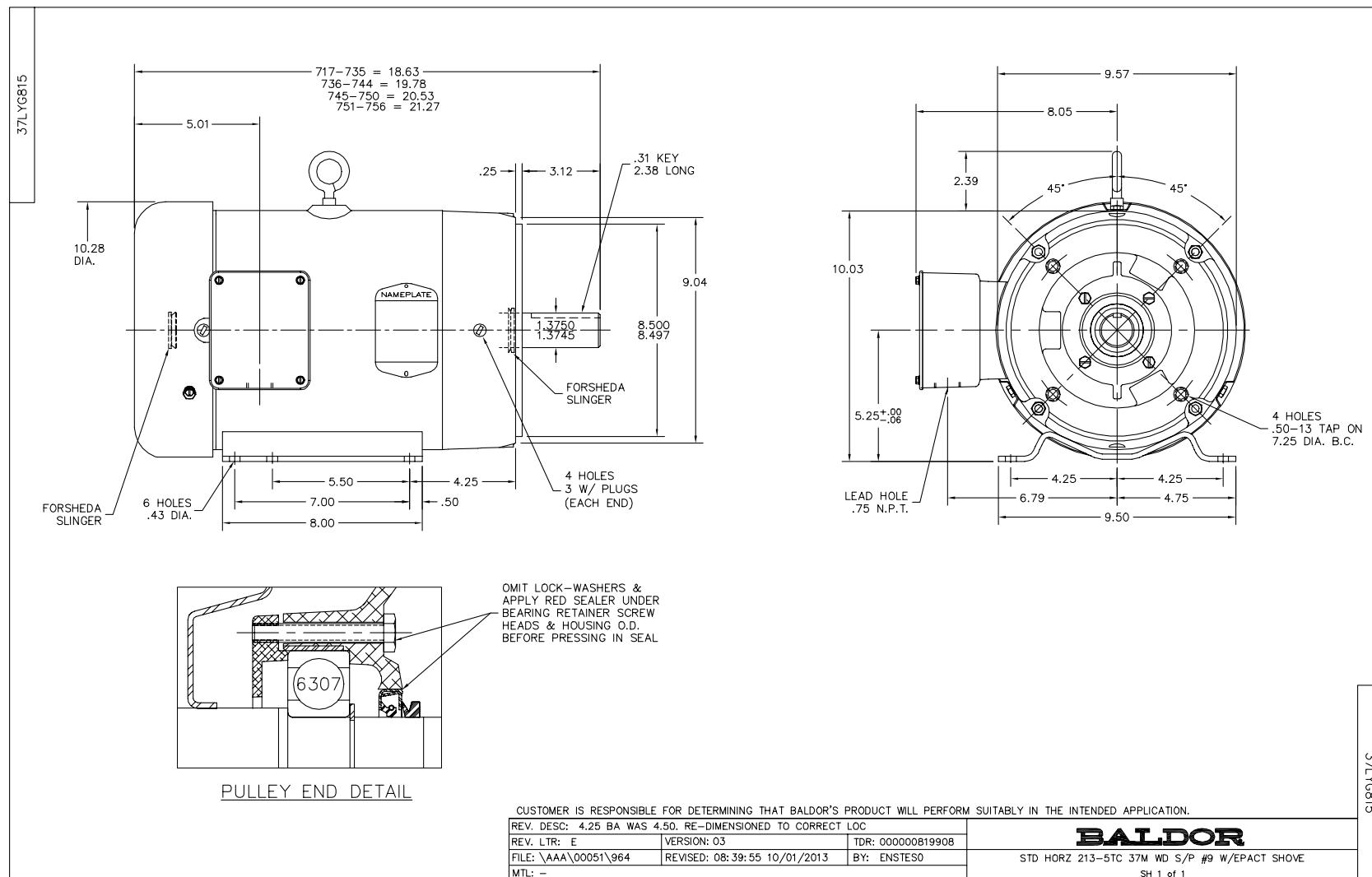
Load Characteristics 575 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	41	65	78	85	83	87	84
Efficiency	88.4	92	92.7	91.9	90.7	88.9	91.2
Speed	1794	1787	1780	1772	1763	1753	1767
Line amperes	5.03	6.21	7.76	9.59	12.4	14.5	11.3

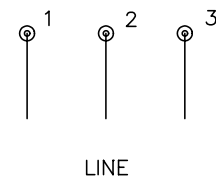
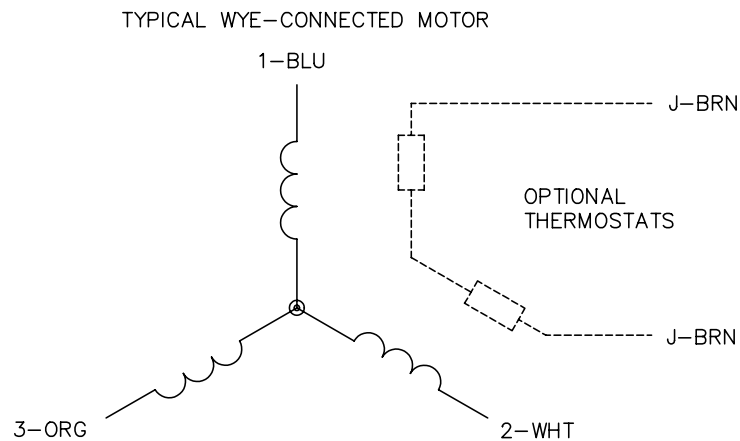
Performance Graph at 575V, 60Hz, 10.0HP Typical performance - Not guaranteed values



2/19/2017 ACPERF, record # 31008



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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: D

BY: JLP

REVISED: 01/21/99 4:02

TDR: 0171435

9000D

FILE: AAA00005141

MDL: -

MTL: -

BALDOR ELECTRIC Co.

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

CD0006