

**BALDOR® • RELIANCE** 

**Product Information Packet**

**CESWDM3611T**

**3HP, 1760RPM, 3PH, 60HZ, 182TC, 3632M, TEFC, F1**

Part Detail							
Revision:	W	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	36WGY883	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	36K196	Layout:	36LYK196	Poles:	04	Created Date:	
Base:	RG	Eff. Date:	11-09-2016	Leads:	9#16		

Specs			
Catalog Number:	CESWDM3611T	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	182TC	Inverter Code:	Inverter Ready
Frame Material:	Stainless Steel	KVA Code:	K
Output @ Frequency:	3.000 HP @ 60 HZ	Lifting Lugs:	No Lifting Lugs
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 16 AWG
	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	None	Motor Lead Termination:	Flying Leads
XP Division:	Not Applicable	Motor Type:	3632M
Agency Approvals:	UR	Mounting Arrangement:	F1
	CSA EEV	Power Factor:	78
	CSA	Product Family:	Wash Down Paint Free
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	C-Face
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End

<b>Current @ Voltage:</b>	4.000 A @ 460.0 V	<b>Shaft Ground Indicator:</b>	No Shaft Grounding
	8.000 A @ 230.0 V	<b>Shaft Rotation:</b>	Reversible
	8.100 A @ 208.0 V	<b>Shaft Slinger Indicator:</b>	Shaft Slinger
<b>Design Code:</b>	B	<b>Speed Code:</b>	Single Speed
<b>Drip Cover:</b>	No Drip Cover	<b>Motor Standards:</b>	NEMA
<b>Duty Rating:</b>	CONT	<b>Starting Method:</b>	Direct on line
<b>Electrically Isolated Bearing:</b>	Not Electrically Isolated	<b>Thermal Device - Bearing:</b>	NONE (OLD)
<b>Feedback Device:</b>	NO FEEDBACK	<b>Thermal Device - Winding:</b>	None
<b>Front Face Code:</b>	Standard	<b>Vibration Sensor Indicator:</b>	No Vibration Sensor
<b>Front Shaft Indicator:</b>	None	<b>Winding Thermal 1:</b>	None
		<b>Winding Thermal 2:</b>	None

<b>Nameplate NP1669L</b>										
<b>CAT.NO.</b>	CESWDM3611T									
<b>SPEC.</b>	36K196Y883G1									
<b>HP</b>	3									
<b>VOLTS</b>	230/460									
<b>AMP</b>	8/4									
<b>RPM</b>	1760									
<b>FRAME</b>	182TC				<b>HZ</b>	60			<b>PH</b>	3
<b>SER.F.</b>	1.15		<b>CODE</b>	K	<b>DES</b>	B		<b>CLASS</b>	F	
<b>NEMA-NOM-EFF</b>	89.5		<b>PF</b>	78						
<b>RATING</b>	40C AMB-CONT									
<b>CC</b>	010A				<b>USABLE AT 208V</b>			8.1		
<b>DE</b>	6206			<b>ODE</b>	6205					
<b>ENCL</b>	TEFC		<b>SN</b>							
<b>BLANK</b>										

Parts List		
Part Number	Description	Quantity
SA084984	SA 36K196Y883G1	1.000 EA
RA078134	RA 36K196Y883G1	1.000 EA
36CB3005A03MU	36 CB .75 NPT @ 6, BALL BURNISHED	1.000 EA
35GS1022A03	GASKET BOX .125 THK WHITE NEOPRENE	1.000 EA
10XN2520A10	1/4-20X 5/8 HEX HD X	2.000 EA
HA5027A04	HA4054 T-DRAIN X2 BAGGED	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
36EP3101B27MU	FR EP,205 BRG-ENCL, (FOR S.P. #9D)	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3301A32MU	PU EP,182-4TC 206 BRG OIL SEAL NO GSR-BA	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW4606A03	JM CLIPPER/SEAL (LWE-1156-1875-AL44)	1.000 EA
10XN2520S28	1/4-20X 1 3/4 HEX HD SS X	4.000 EA
HA1049A02	DUBO LOK WASHER SIZE 1/4 (NYLON LOCK SEA	4.000 EA
HA1049A02	DUBO LOK WASHER SIZE 1/4 (NYLON LOCK SEA	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4011	WASHDOWN FAN COVER #304 STAINLESS W/NOTC	1.000 EA
11XW1032S06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	3.000 EA
36CB4517	LIPPED CB LID #304 STAINLESS - CLEANED	1.000 EA
37GS3010SP	1/16"WHITE LID GASKET	1.000 EA
59XW0832S07	TAPTITE II,HEX WSHR UNSLTD SER,410 S.S.,	4.000 EA
HW1003S08	WASHER, #8 EX TH LK, SS	4.000 EA
HW4600B32SP	V-RING SLINGER 1.000 X 1.540 X .24 VITON	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2502E16	#303 SS,SQ KEY 1/4 X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
MJ5001A02	732 CL SEALANT 3 OZ DIXIE BEARING 289100	0.001 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
36FN3000A01SP	EXFN, PLASTIC, 7.00 OD, .912 ID	1.000 EA
HA3101S45	THRUBOLT 1/4-20 X 11.125 SS TDR #23687	4.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA
NP1669L	SS WD SUPER-E UL CSA-EEV PREM REV MTG	1.000 EA
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA

**AC Induction Motor Performance Data**

Record # 57394 - Typical performance - not guaranteed values

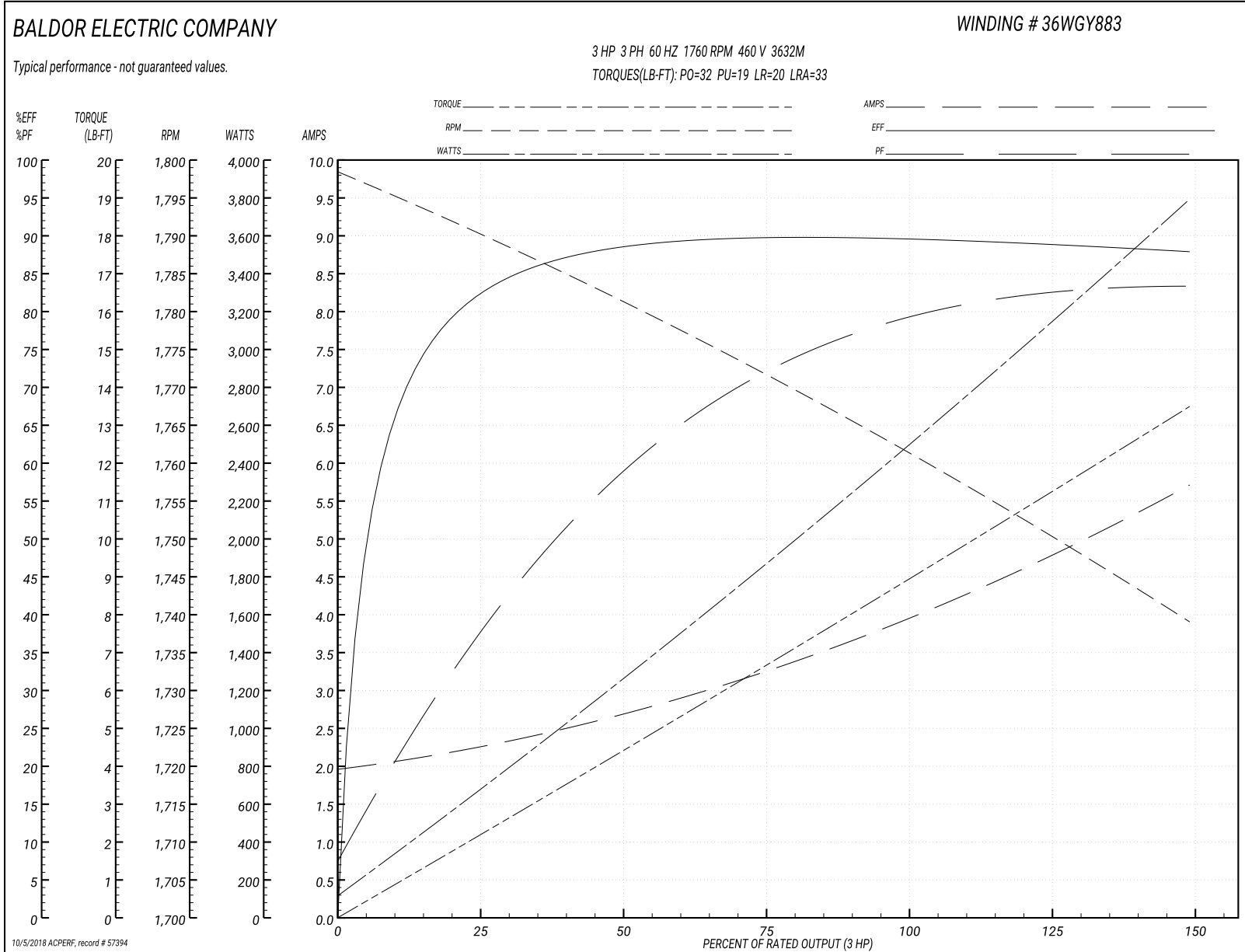
<b>Winding:</b> 36WGY883-R006	<b>Type:</b> 3632M	<b>Enclosure:</b> TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	9 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	8/4			Breakdown Torque	32 LB-FT
R.P.M.	1760			Pull-up Torque	19 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	20 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	33 A
Service Factor (S.F.)	1.15			No-load Current	2 A
NEMA Nom. Eff.	89.5	Power Factor	78	Line-line Res. @ 25°C	3.69 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	54°C
S.F. Amps				Temp. Rise @ S.F. Load	64°C
				Locked-rotor Power Factor	41.4
				Rotor inertia	0.3 LB-FT <sup>2</sup>

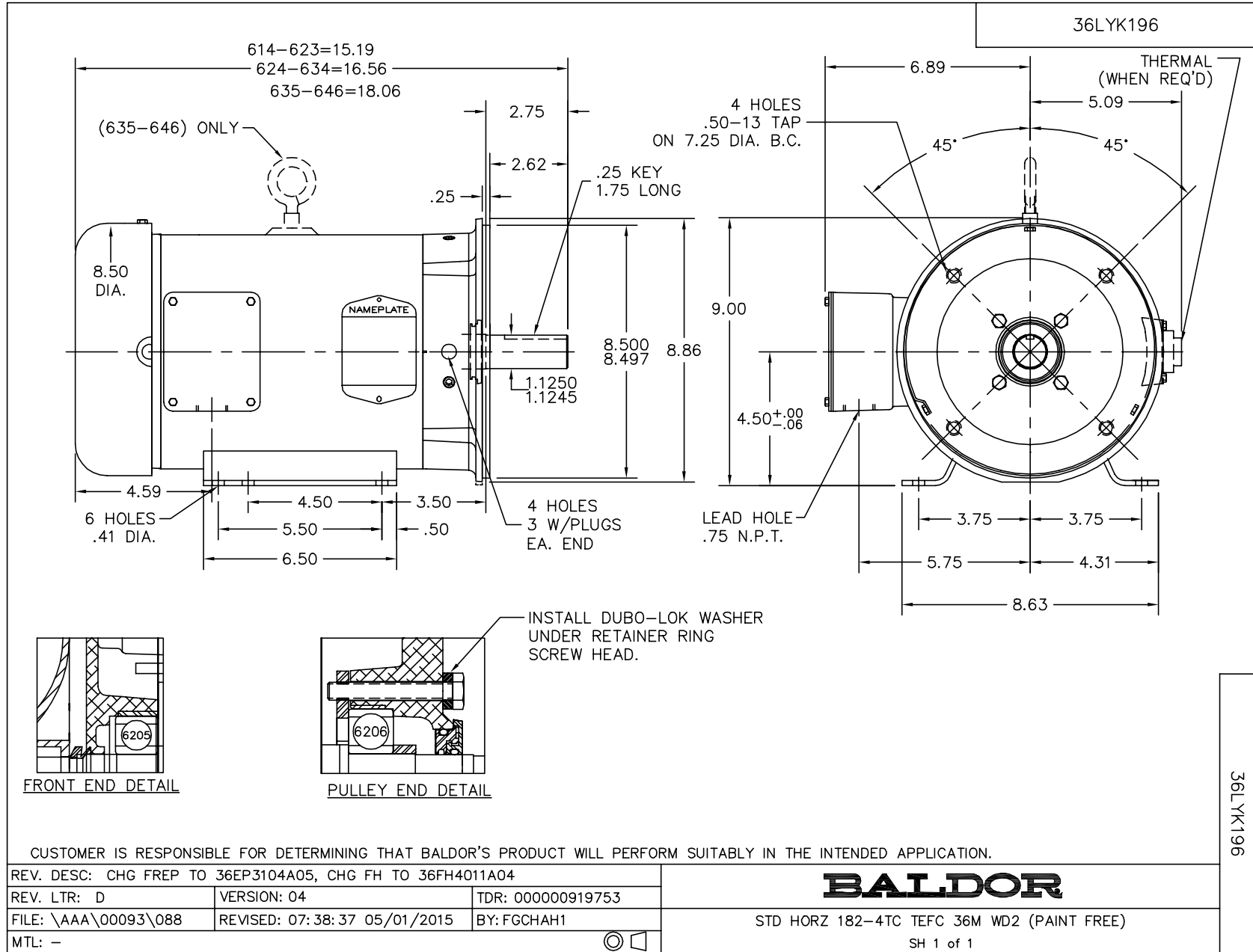
Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	40	60	72	79	82	84	81
Efficiency	82.2	88.4	89.7	89.6	89.2	87.7	89.4
Speed	1789	1781	1772	1761	1750	1739	1754
Line amperes	2.2	2.7	3.3	4	4.8	5.7	4.48

Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values







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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
90000		FILE: AAA00005140	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

3PH, DV, 9 LEADS

CD0005