

BALDOR® • RELIANCE

Product Information Packet

CEWAM3611T

3HP,1760RPM,3PH,60HZ,182TC,3631M,TEFC,F1

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3631M	Elec. Spec:	36WGS266	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36K779	Layout:	36LYK779
Frame:	182TC	Mounting:	F1	Poles:	04	Created Date:	06-29-2011
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	02-04-2013
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1669L									
CAT.NO.	CEWAM3611T								
SPEC.	36K779S266G1								
HP	3								
VOLTS	208-230/460								
AMP	9-8.4/4.2								
RPM	1760								
FRAME	182TC	HZ			60	PH		3	
SER.F.	1.15	CODE			K	DES		B	CLASS
NEMA-NOM-EFF	89.5	PF			75				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			9				
DE	6206	ODE			6205				
ENCL	TEFC	SN							
BLANK									

Parts List		
Part Number	Description	Quantity
SA226289	SA 36K779S266G1	1.000 EA
RA213387	RA 36K779S266G1	1.000 EA
36FN3000C01SP	EXFN, PLASTIC, 5.25 OD, .912 ID	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS, WS & CK PLTS	1.000 EA
36CB1000A02A	CONDUIT BOX .75 NPT @ 6:00 W/AUTOPHORETI	1.000 EA
37GS1005	GASKET - CONDUIT BOX 37 FRAME .125 THK NE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP1101B84A	FRONT TEFC 205 BRG WD3 AUTPPHORETIC COAT	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW4606A02	JM CLIPPER/SEAL (LWE-0938-1624-AL23)	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1300B12A	PULLEY 182-4TC ENCL 206 BRG WD3 W/ AUTOP	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
10XN2520S26	1/4-20X 1 5/8 HEX HD SS	4.000 EA
36FH4010	IEC FH NO GREASER - W/AUTOPHERETIC PRIME	1.000 EA
10XN1032S08	10-32X1/2 HEX HEAD S STL	3.000 EA
36CB4518	36 LIPPED CB LID AUTOPHORETIC	1.000 EA
37GS1003	1/16 NEOPRENE GASKET-BLACK, CONDUIT BOX	1.000 EA
59XW0832S07	TAPTITE II,HEX WSHR UNSLTD SER,410 S.S.,	4.000 EA
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

Parts List (continued)		
Part Number	Description	Quantity
MJ5001A02	732 CL SEALANT 3 OZ DIXIE BEARING 289100	0.001 EA
MG1025A01	PAINT, 770.02 WILKOFASST CLEAR EPOXY	0.022 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MJ5001A23	P.D. GEORGE B-276 AIR DRY VARNISH	0.001 GA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
HA3101S25	THRUBOLT- 1/4-20 X 11.00 X	4.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
NP1669L	SS WD SUPER-E UL CSA-EEV PREM REV MTG	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 32378 - Typical performance - not guaranteed values

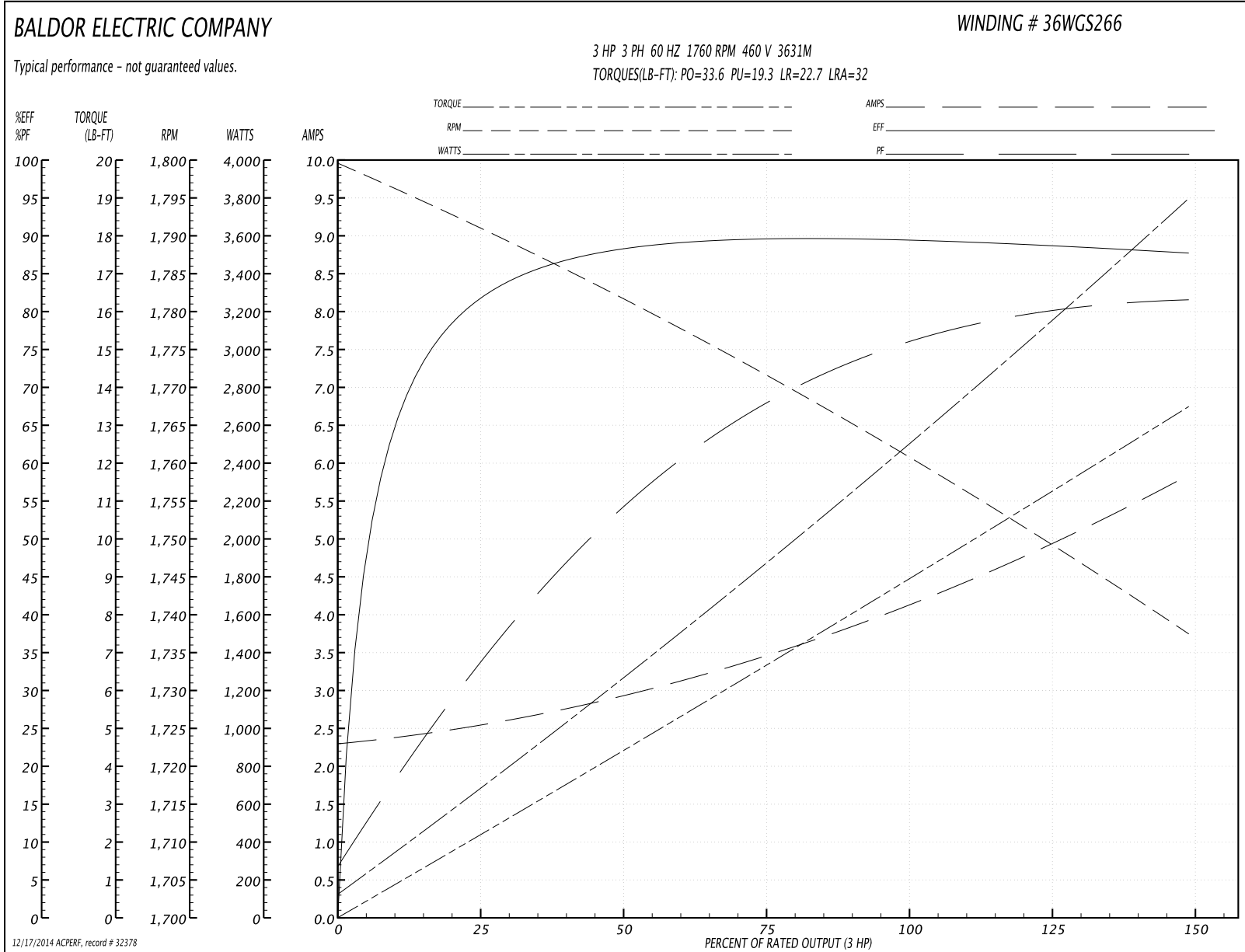
Winding: 36WGS266-R001	Type: 3631M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	8.88 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	9-8.4/4.2			Breakdown Torque	33.6 LB-FT
R.P.M.	1760			Pull-up Torque	19.3 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	22.7 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	32 A
Service Factor (S.F.)	1.15			No-load Current	2.33 A
NEMA Nom. Eff.	89.5	Power Factor	75	Line-line Res. @ 25°C	4.01 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	40°C
S.F. Amps				Temp. Rise @ S.F. Load	48°C
				Rotor inertia	0.289 LF ²

Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	34	54	68	75	79	82	77
Efficiency	80.9	87.8	89.5	89.6	88.9	88	89.2
Speed	1791	1781.8	1771.6	1761.8	1749.6	1737.2	1754
Line amperes	2.5	2.89	3.43	4.15	4.95	5.81	4.63

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



AC Induction Motor Performance Data

Record # 45931 - Typical performance - not guaranteed values

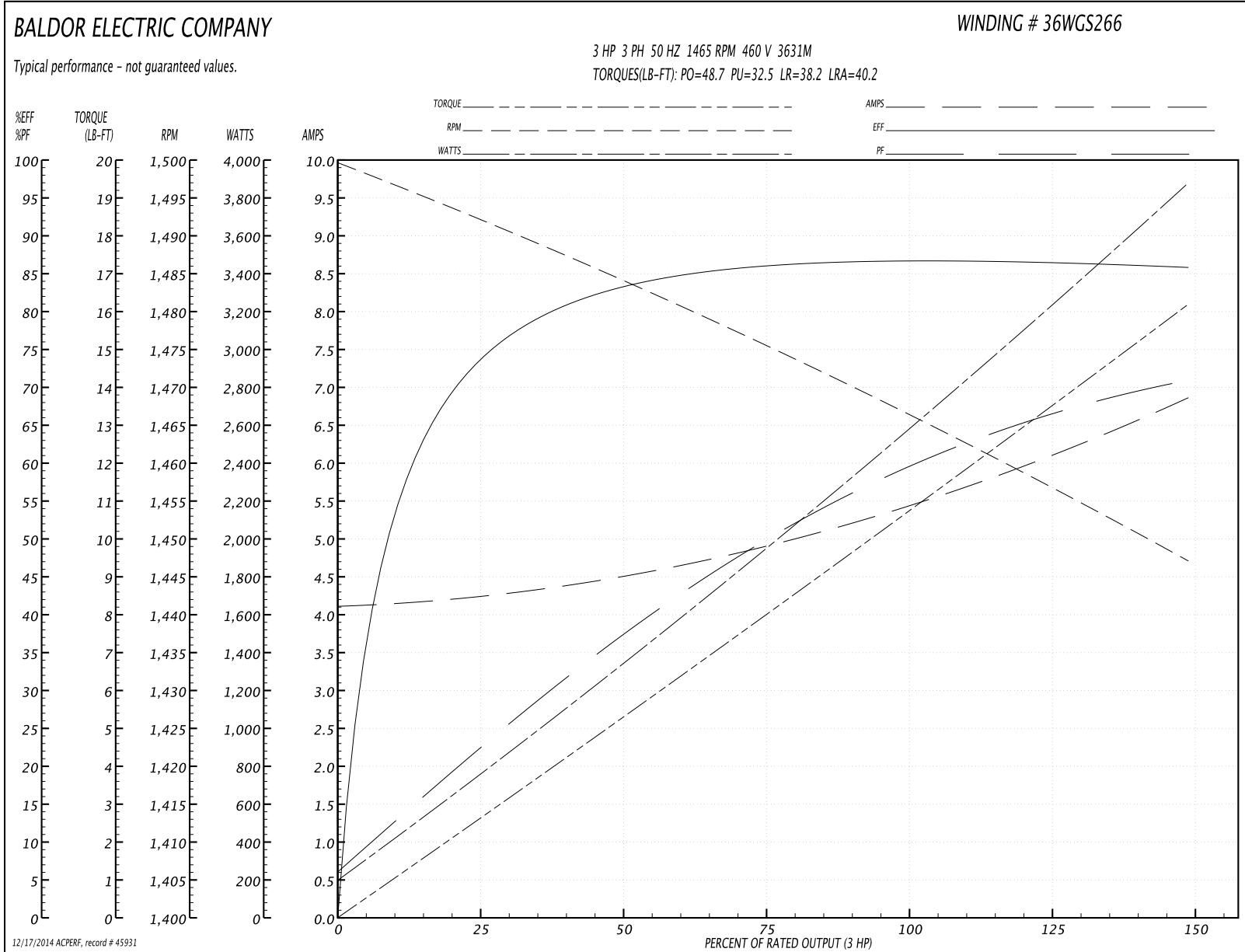
Winding: 36WGS266-R001	Type: 3631M	Enclosure: TEFC
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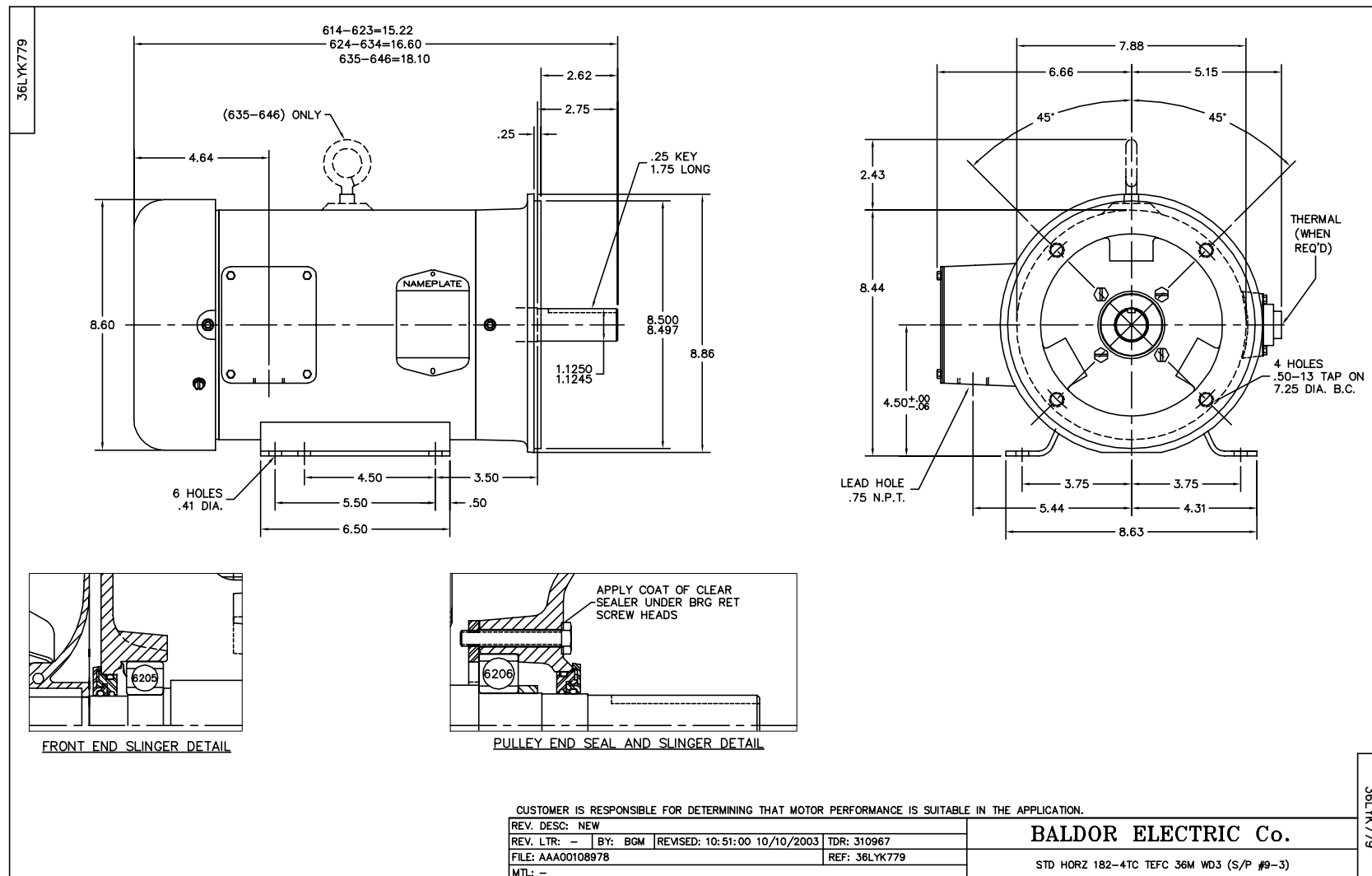
Nameplate Data				460 V, 50 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	10.7 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	10.8/5.4			Breakdown Torque	48.7 LB-FT
R.P.M.	1465			Pull-up Torque	32.5 LB-FT
Hz	50	Phase	3	Locked-rotor Torque	38.2 LB-FT
NEMA Design Code	A	KVA Code	M	Starting Current	40.2 A
Service Factor (S.F.)	1.15			No-load Current	4.12 A
NEMA Nom. Eff.	86	Power Factor	59	Line-line Res. @ 25°C	3.82 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	59°C
S.F. Amps				Temp. Rise @ S.F. Load	67°C
				Rotor inertia	0.289 LF ²

Load Characteristics 460 V, 50 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	22	37	50	59	66	71	63
Efficiency	72.6	82.7	86	87.2	86.4	85.8	86.7
Speed	1492	1484	1476	1467	1457	1447	1461
Line amperes	4.23	4.49	4.87	5.44	6.11	6.84	5.84

Performance Graph at 460V, 50Hz, 3.0HP Typical performance - Not guaranteed values

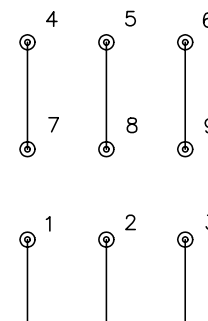




CD0005


 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

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005