

BALDOR® • RELIANCE

Product Information Packet

M3665T-9

5HP,1750RPM,3PH,60HZ,184T,0636M,TEFC,F1

Part Detail							
Revision:	E	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0636M	Elec. Spec:	06WGW977	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	06H483	Layout:	06LYH483
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	11-03-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	04-24-2012
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1258E									
CAT.NO.									
SPEC.	06H483W977H1								
HP	5								
VOLTS	208-230/460								
AMP	15.9-14.6/7.3								
RPM	1750								
FRAME	184T	HZ			60	PH		3	
SER.F.	1.15	CODE			J	DES		C	CL F
NEMA-NOM-EFF	87.5	PF			74				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6206	ODE			6206				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA210514	SA 06H483W977H1	1.000 EA
RA197751	RA 06H483W977H1	1.000 EA
36FN3000A01SP	EXFN, PLASTIC, 7.00 OD, .912 ID	1.000 EA
S/P101-000-000	EPACT PROCEDURES-FS PLANT-POLYREX EM, NO	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
06CB1000A02G	CONDUIT BOX, MACH GRAY	1.000 EA
RM1016	LEAD SEPARATOR GASKET - 305/306 C.P.MOTO	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	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
10XN2520S06	1/4 20X3/8 HX HD CAP S.S.	2.000 EA
WD1000B16	T&B CX70TN TERMINAL	2.000 EA
36EP1100B72G	FREP 6206,GRSR,RLF,.25-20 FH HOLES,DRAIN	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
36EP1100A29G	PU ENDPLATE MACH, GRAY	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
HA3101A34	THRUBOLT- 1/4-20 X 10.375	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
06FH1004A01G	FAN HOUSING MACH, W/GRAY EPOXY	1.000 EA
WD4100A02	DP-1000 HEYCO PLUG OR 62MP1000 MICRO PL	1.000 EA
10XN2520A24	1/4-20X 1 1/2 HEX HD X	3.000 EA
06CB1502A01G	LIPPED CONDUIT BOX LID, MACH GRAY EPOXY	1.000 EA
06GS1003	GASKET, KOBX LID, 1/8" THICK BLACK NEOPR	1.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
HA1005A22	SLINGER, OD 2.00, ID 1.14, 206 BRG, GM	1.000 EA
HW4600B36SP	V-RING SLINGER 1.188 X 1.690 X 0.240	1.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
MJ5001A27	32220KN GRAY SEALER	0.001 QT
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1002N	LABEL,MARINE DUTY (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1025N19	PAINT, 778.50 WILKO, RELIANCE ELEC GREEN	0.028 GA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	1.000 EA
NP1258E	SS CP UL CSA CC	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 35022 - Typical performance - not guaranteed values

Winding: 06WGW977-R001	Type: 0636M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	5			Full Load Torque	15.09 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	15.9-14.6/7.3			Breakdown Torque	43.3 LB-FT
R.P.M.	1750			Pull-up Torque	36.8 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	48.1 LB-FT
NEMA Design Code	C	KVA Code	J	Starting Current	44 A
Service Factor (S.F.)	1.15			No-load Current	4.17 A
NEMA Nom. Eff.	87.5	Power Factor	74	Line-line Res. @ 25°C	2.2963 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	55°C
S.F. Amps				Temp. Rise @ S.F. Load	66°C
				Rotor inertia	0.335 LF ²

Load Characteristics 460 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	34	54	66	74	78	80	76
Efficiency	79.1	86.1	87.7	87.7	86.8	85	87.2
Speed	1787.2	1775.5	1763.1	1749.6	1734	1712	1740
Line amperes	4.42	5.11	6.13	7.28	8.71	10.7	8.14

Performance Graph at 460V, 60Hz, 5.0HP Typical performance - Not guaranteed values

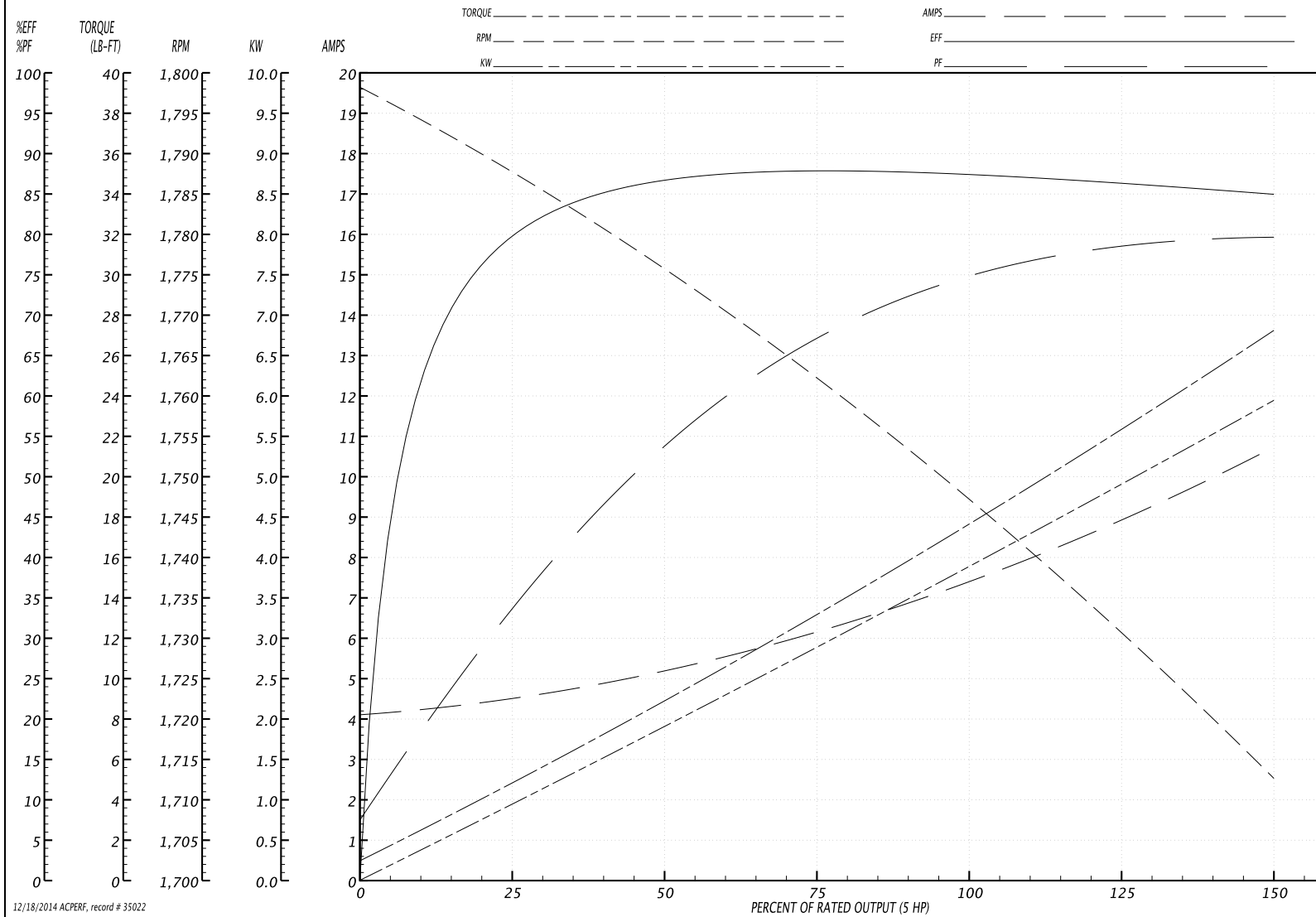
BALDOR ELECTRIC COMPANY

Typical performance - not guaranteed values.

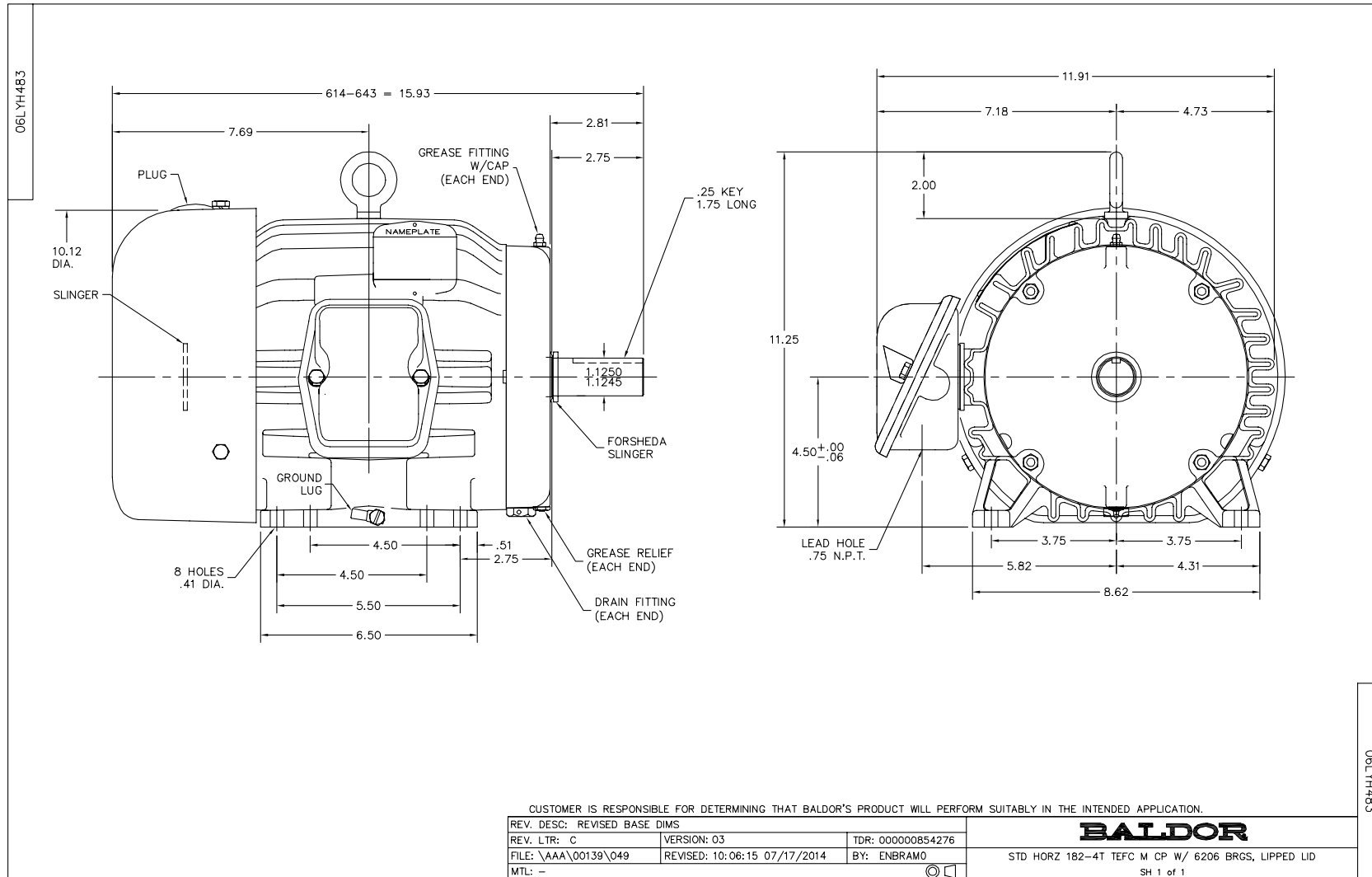
WINDING # 06WGW977

5 HP 3 PH 60 HZ 1750 RPM 460 V 0636M

TORQUES(LB-FT): PO=43.3 PU=36.8 LR=48.1 LRA=44



12/18/2014 ACPERF, record # 35022



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