

BALDOR® • RELIANCE

Product Information Packet

ELECTRIC MOTOR WHOLESAL.COM

CM2555T

100HP, 1775RPM, 3PH, 60HZ, 404TC, 4464M, OPSB

Part Detail							
Revision:	G	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	4464M	Elec. Spec:	44WGW116	CD Diagram:	
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	44E013	Layout:	
Frame:	404TC	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	05-25-2007
Leads:	9#4	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L

CAT.NO.	CM2555T						
SPEC.	44E013W116H1						
HP	100						
VOLTS	230/460						
AMP	238/119						
RPM	1775						
FRAME	404TC	HZ	60	PH	3		
SER.F.	1.15	CODE	G	DES	B	CLASS	B
NEMA-NOM-EFF	94.1	PF	84				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V	275				
DE	6316	ODE	6312				
ENCL	OPSB	SN					

Parts List		
Part Number	Description	Quantity
SA087409	SA 44E013W116H1	1.000 EA
RA080399	RA 44E013W116H1	1.000 EA
S/P101-000-004	EPACT PROC-CL, 280FR & UP,LARGE BOX,POLY	1.000 EA
HA6731	LIFTING LUG FOR 44 FRAME MOTORS.	2.000 EA
HA6648A01	CAST ADAPTER, 44 FRAME - NEMA 404-5 - MA	1.000 EA
19XW3816A16	.38-16 X 1.00 HEX WASHER HEAD TAPTITE II	2.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	2.000 EA
18CB1006A04	CB 318 3.62 LD HOLE, .38 MTG HOLE & 3.88	1.000 EA
19XW3118A16	.31-18 HEX WASHER HEAD TAPTITE II 1.00 L	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
WD1000B25	BURNDY TERMINAL L125HP	1.000 EA
10XN3118K08	5/16-18 X .50 GRADE #5, STL, ZINC PLATE	1.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	1.000 EA
44EP1203A02	FREP, MACH	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW5100A15	W4997-050 WVY WSHR (WB)	1.000 EA
10XN3816K48	3/8-16 X 3 HEX HD CAP SCREW,Z/P	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
44EP1402A01	ENDPLATE MACH. 404-5TC FOR 316 BRG	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
XY5013A12	NUT,1/2-13,HEX,STEEL,ZINCPLATED	8.000 EA
18CB1506A01	CB LID 318 FOR 18CB1006	1.000 EA
10XN3118K16	5/16-18 X 1" GRADE #5, STL, ZINC PLATE	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501K66	KEY, 3/4 SQ X 5.625	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.030 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
HA3175A03	THRUBOLT STUD 1/2-13 X 24.250 - GRADE 2	4.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.080 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
44AD2001A01	BAFFLE 44 OPEN,"X"=1.00, SLOTTED BAND MT	1.000 EA
44AD2001A01	BAFFLE 44 OPEN,"X"=1.00, SLOTTED BAND MT	1.000 EA
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LC0181	CONNECTION LABEL	1.000 EA
NP1256L	ALUM, UL CSA CC, W/O THERMAL, LASER	1.000 EA
44PA1000	PK GP COMB PRINT 39-3/8X31X23-7/8	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA

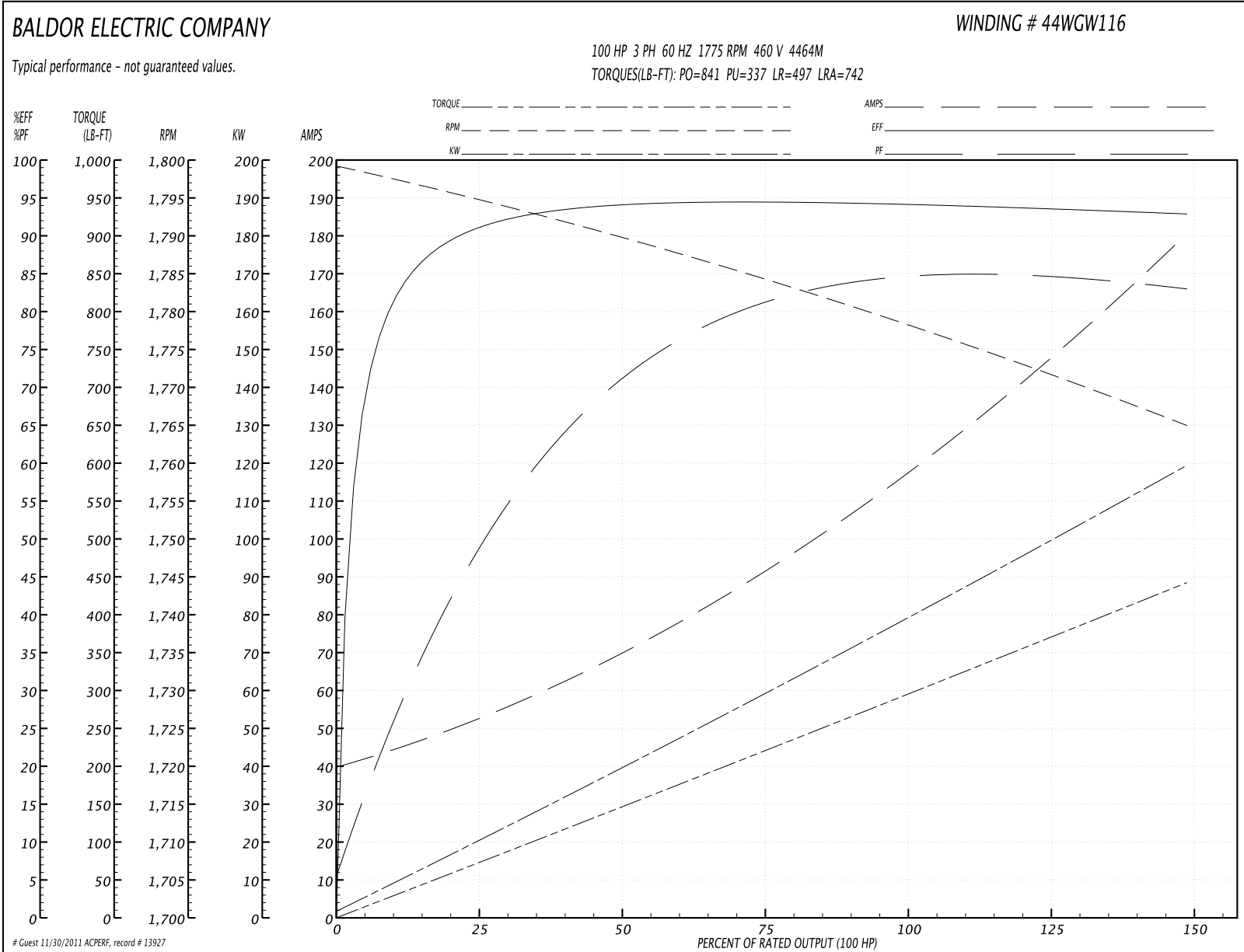
Performance Data at 460V, 60Hz, 100.0HP (Typical performance - Not guaranteed values)
General Characteristics

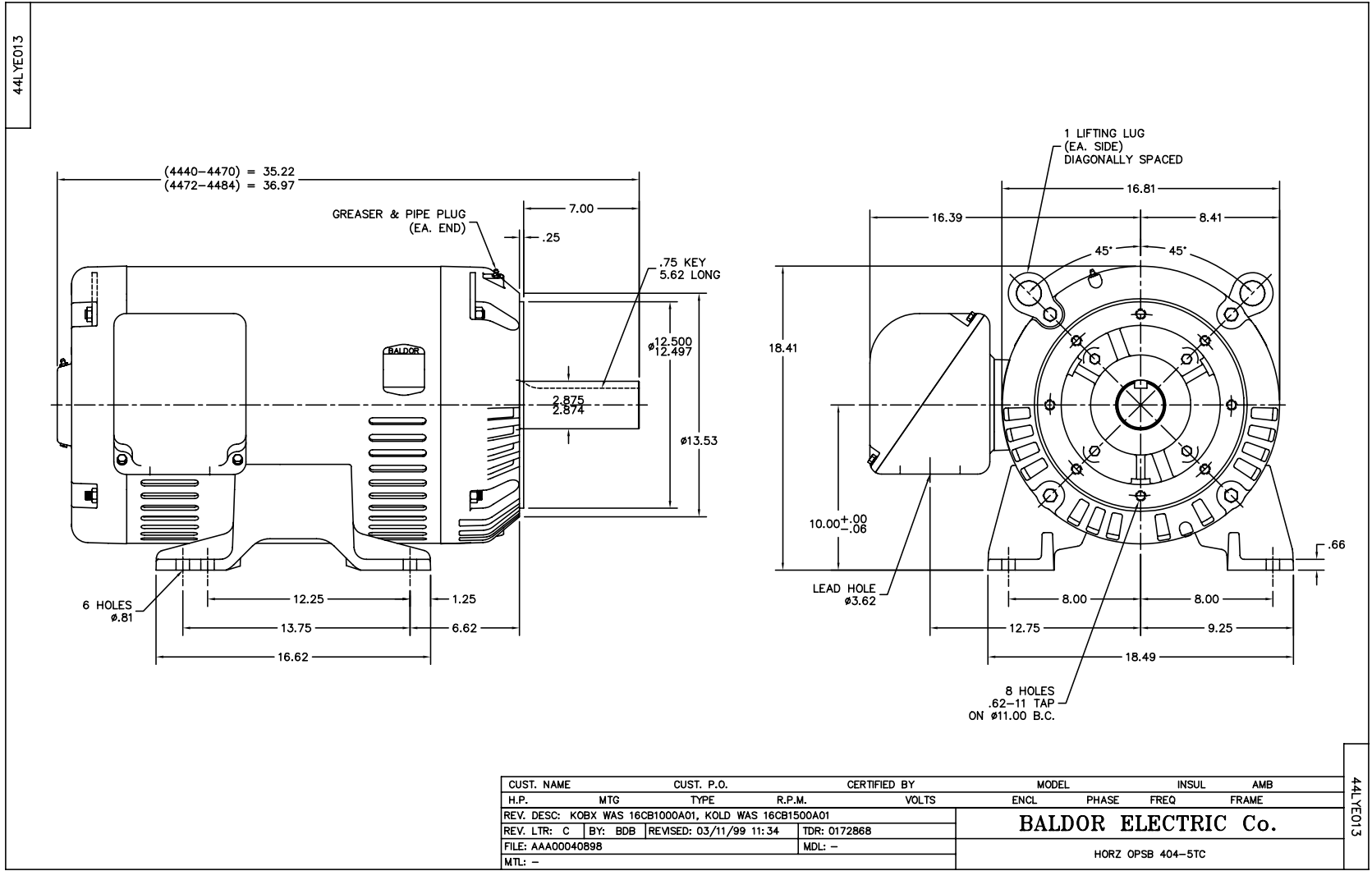
Full Load Torque:	295.0 LB-FT	Start Configuration:	DOL
No-Load Current:	41.4 Amps	Break-Down Torque:	841.0 LB-FT
Line-line Res. @ 25°C.:	0.0555 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	337.0 LB-FT
Temp. Rise @ Rated Load:	54 C	Locked-Rotor Torque:	497.0 LB-FT
Temp. Rise @ S.F. Load:	72 C	Starting Current:	742.0 Amps

Load Characteristics

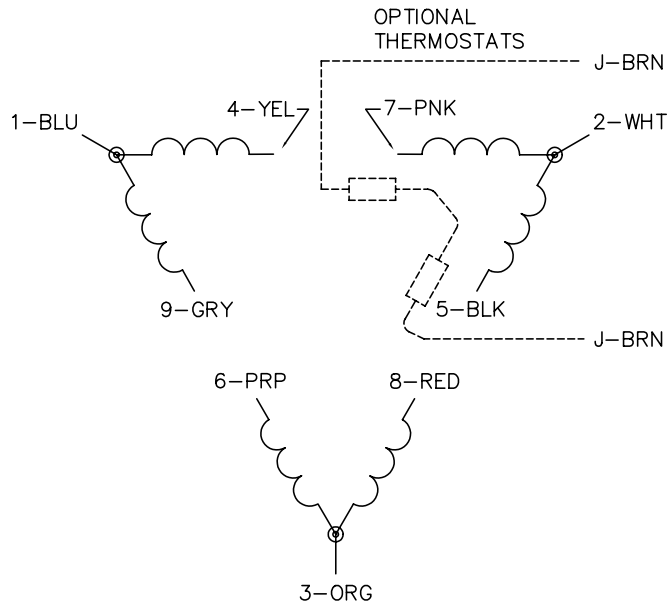
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	51.0	72.0	81.0	84.0	85.0	84.0	84.0
Efficiency:	90.8	94.0	94.4	94.2	93.7	92.8	93.9
Speed:	1795.0	1790.0	1784.0	1778.0	1772.0	1765.0	1774.0
Line Amperes:	50.4	69.4	92.2	118.6	147.6	179.7	136.0

Performance Graph at 460V, 60Hz, 100.0HP Typical performance - Not guaranteed values

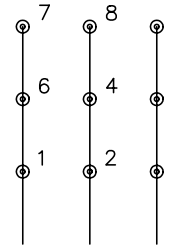




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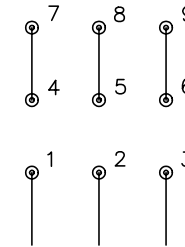


LOW VOLTAGE
(2D)



LINE

HIGH VOLTAGE
(1D)



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: C	BY: JLP	REVISED: 01/21/99 2:28	TDR: 0171435
0810D0		FILE: AAA00005148	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS, DELTA CONNECTION

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