

# **BALDOR® • RELIANCE**

**Product Information Packet**

**ELECTRIC MOTOR WHOLESAL.COM**

**JMWDM3616T**

**7.5HP,3450RPM,3PH,60HZ,184JM,3640M,TEFC**

Part Detail							
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3640M	Elec. Spec:	36WGX875	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36K605	Layout:	
Frame:	184JM	Mounting:	F1	Poles:	02	Created Date:	06-17-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	07-01-2010
Leads:	9#16	Literature:		Elec. Diagram:		Replaced By:	

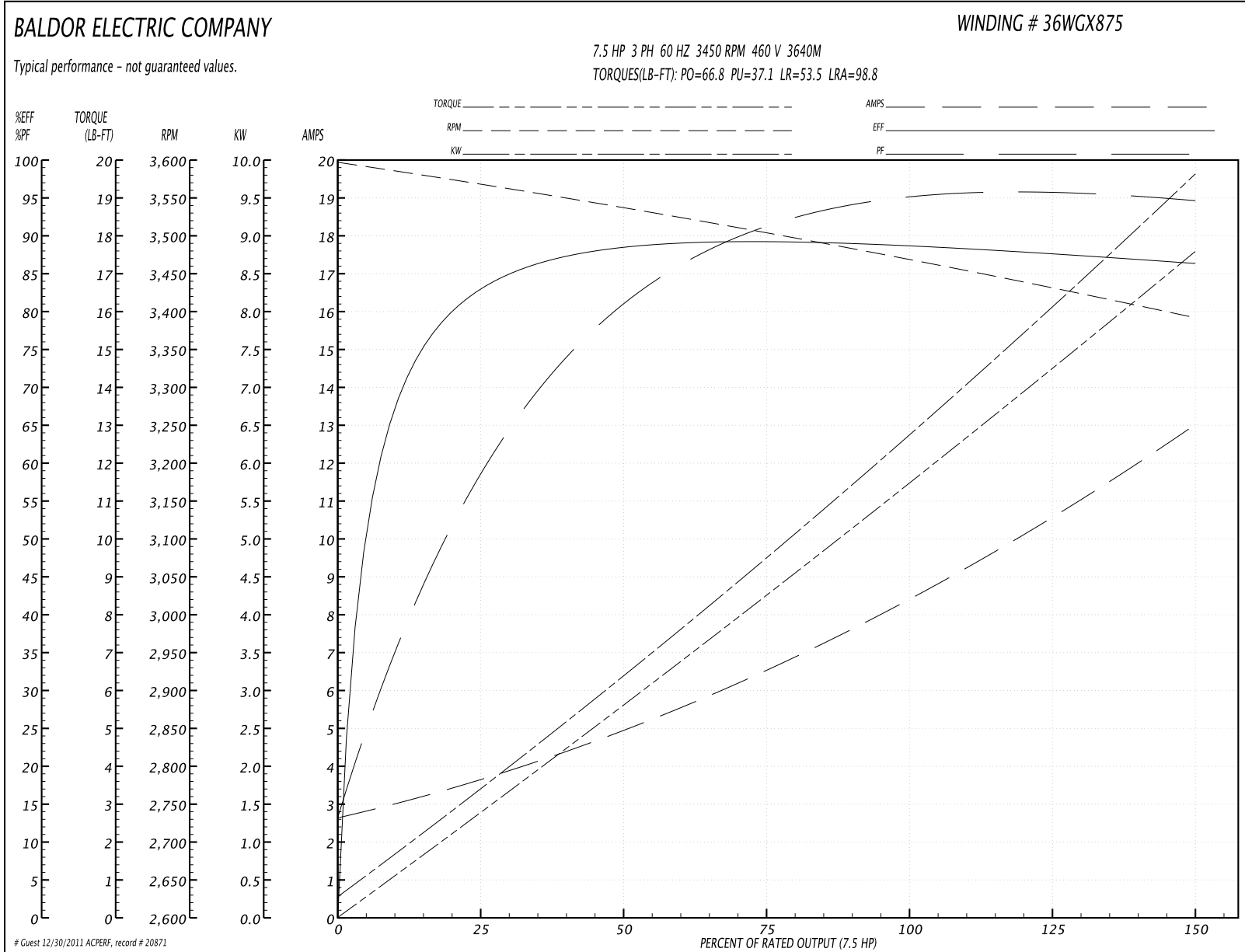
Nameplate NP1496L									
CAT.NO.	JMWDM3616T								
SPEC.	36K605X875H1								
HP	7.5								
VOLTS	208-230/460								
AMP	18.5-17.4/8.7								
RPM	3450								
FRAME	184JM	HZ			60	PH	3		
SER.F.	1.15	CODE			M	DES	A	CLASS	F
NEMA-NOM-EFF	88.5	PF			93				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			18.5				
DE	6207	ODE			6205				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA199042	SA 36K605X875H1	1.000 EA
RA186393	RA 36K605X875H1	1.000 EA
S/P101-000-000	EPACT PROCEDURES-FS PLANT-POLYREX EM, NO	1.000 EA
36CB3005A03W	36 CB .75 NPT @ 6 W/WHITE EPOXY	1.000 EA
35GS1022A03SP	GASKET BOX .125 THK WHITE NEOPRENE	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
36EP3104A03MW	FREP MACH (RAISED FH PADS) WHITE EPOXY	1.000 EA
HW4032A01	BLUE DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1302A23MW	FACE MT EP FOR HOSE DOWN MTR W/WHITE EPO	1.000 EA
HW4600B51SP	SEAL 1.375 X 2.125 X 0.313 SINGLE LIP DB	1.000 EA
HW4032A01	BLUE DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
10XN2520S26	1/4-20X 1 5/8 HEX HD SS	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4010A08	IEC FH NO GREASER - W/AUTOPHERETIC PRIME	1.000 EA
11XW1032S06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	3.000 EA
HA1005A03SP	SLINGER, OD 1.750, ID .938, 205 BRG	1.000 EA
HW4600B33	V-RING SLINGER 1.375 X 1.890 X 0.350	1.000 EA
36CB4518	36 LIPPED CB LID AUTOPHORETIC	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
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA

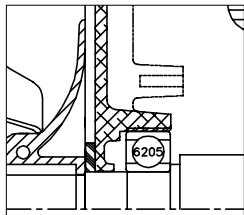
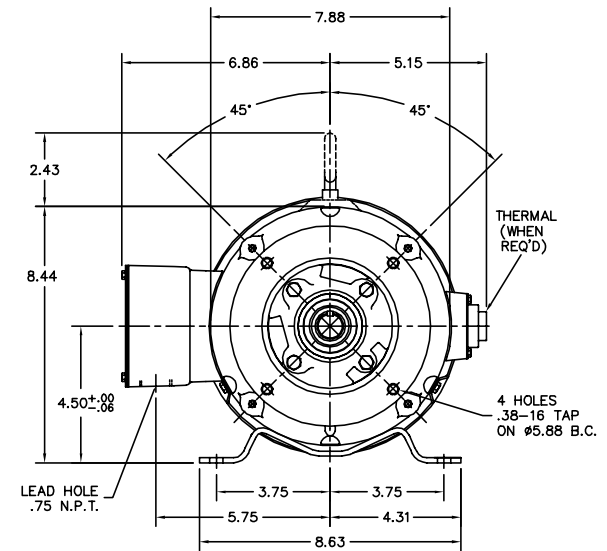
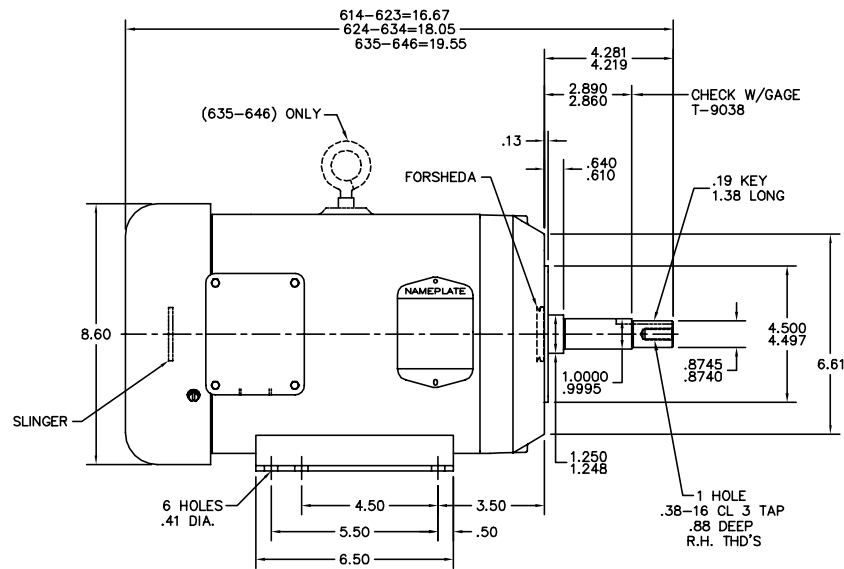
Parts List (continued)		
Part Number	Description	Quantity
MJ5001A01	46-665 RED SEALER	0.001 QT
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025W11	PAINT- 781-101 WILKOFAS WHITE EPOXY	0.022 GA
35FN3002A04SP	EXFN, PLASTIC, 6.376 OD, .906 ID W/KEY	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
HA3101S28	THRUBOLT- 1/4-20 X 12.50 SS	4.000 EA
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP1496L	WD, SS, UL CSA CC, W/O THERMAL, LASER	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA

Performance Data at 460V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)							
General Characteristics							
Full Load Torque:	11.5 LB-FT			Start Configuration:	DOL		
No-Load Current:	2.78 Amps			Break-Down Torque:	66.8 LB-FT		
Line-line Res. @ 25°C.:	1.45 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	37.1 LB-FT		
Temp. Rise @ Rated Load:	74 C			Locked-Rotor Torque:	53.5 LB-FT		
Temp. Rise @ S.F. Load:	91 C			Starting Current:	98.8 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	63.0	83.0	91.0	94.0	95.0	96.0	95.0
Efficiency:	83.3	88.4	89.3	88.7	87.6	86.1	88.0
Speed:	3564.0	3535.0	3506.0	3468.0	3432.0	3391.0	3446.0
Line Amperes:	3.51	4.89	6.61	8.52	10.7	12.9	9.83

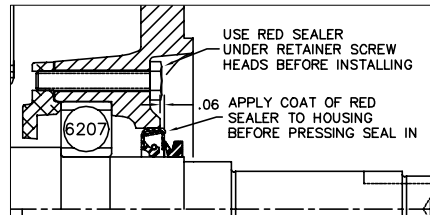
Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values



36LYK605



FRONT END SLINGER DETAIL



PULLEY END SEAL AND SLINGER DETAIL

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: NEW GENERATION			
REV. LTR: -	BY: OD	REVISED: 20:35:48 02/19/2002	TDR: 263685
FILE: AAA00093190		REF: 36LYK605	
MTL: -			

**BALDOR ELECTRIC Co.**

HOR 182-4JM TEFC 36M WD

36LYK605

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