

BALDOR® • RELIANCE

Product Information Packet

EJMM3219T

7.5HP,3450RPM,3PH,60HZ,184JM,3632M,OPSB

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3632M	Elec. Spec:	36WGS516	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	36G687	Layout:	36LYG687
Frame:	184JM	Mounting:	F1	Poles:	02	Created Date:	07-01-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-07-2016
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L

CAT.NO.	EJMM3219T											
SPEC.	36G687S516											
HP	7.5											
VOLTS	230/460											
AMP	17.2/8.6											
RPM	3450											
FRAME	184JM				HZ	60				PH	3	
SER.F.	1.15		CODE	L	DES	A	CL	F				
NEMA-NOM-EFF	88.5		PF	89								
RATING	40C AMB-CONT											
CC	010A		USABLE AT 208V							18		
DE	6207		ODE	6205								
ENCL	OPSB		SN									

AC Induction Motor Performance Data

Record # 51132 - Typical performance - not guaranteed values

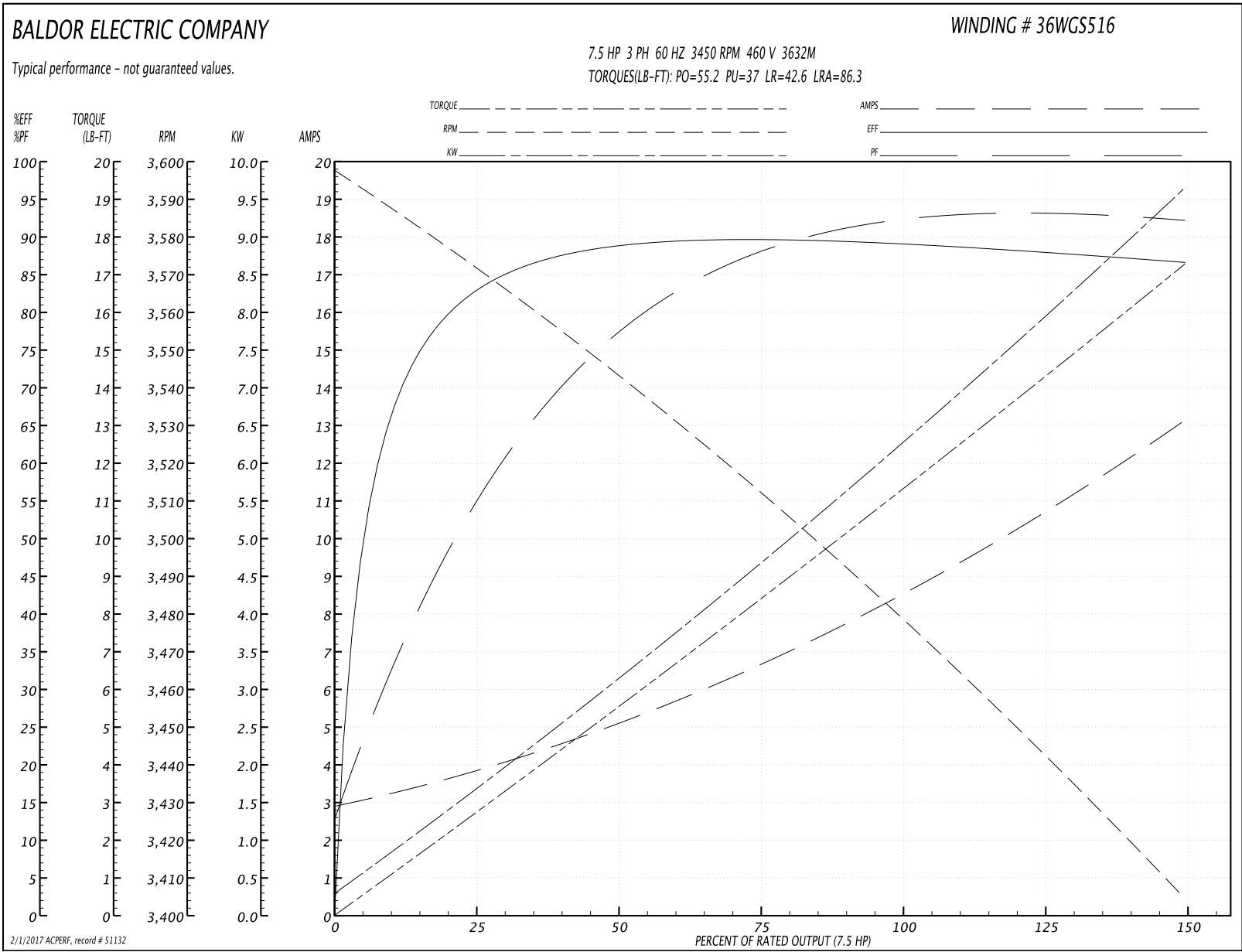
Winding: 36WGS516-R012	Type: 3632M	Enclosure: ODP
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	11.3 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	17.2/8.6			Breakdown Torque	55.2 LB-FT
R.P.M.	3450			Pull-up Torque	37 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	42.6 LB-FT
NEMA Design Code	A	KVA Code	L	Starting Current	86.3 A
Service Factor (S.F.)	1.15			No-load Current	3.02 A
NEMA Nom. Eff.	88.5	Power Factor	89	Line-line Res. @ 25°C	1.59 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	43°C
S.F. Amps				Temp. Rise @ S.F. Load	53°C
				Locked-rotor Power Factor	47.4
				Rotor inertia	0.143 LB-FT2

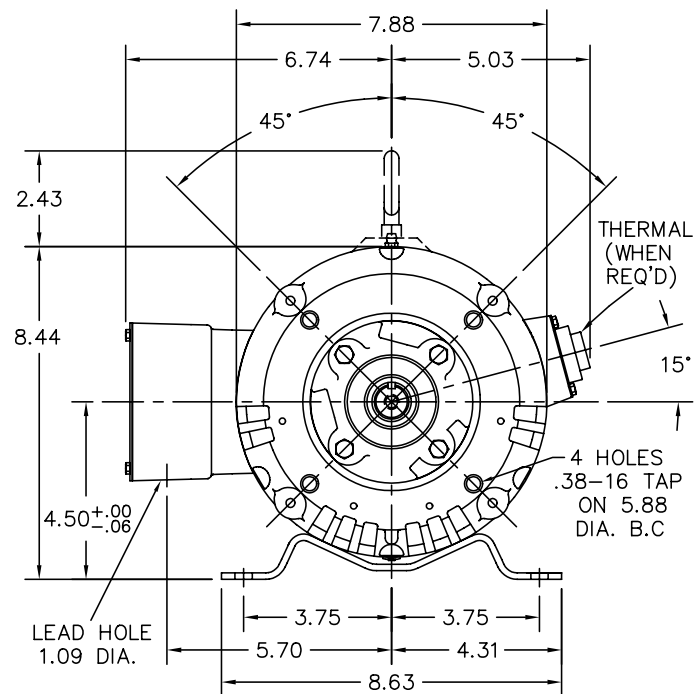
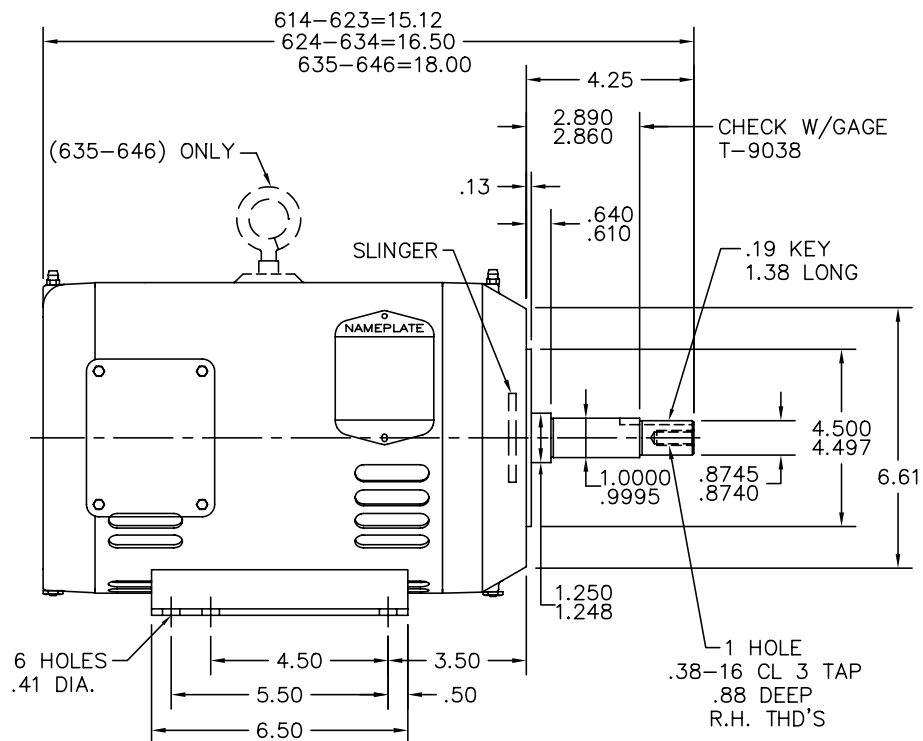
Load Characteristics 460 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	57	80	87	91	93	93	92
Efficiency	82.2	88.2	89.5	89.4	88.4	86.4	88.8
Speed	3572	3543	3513	3479	3443	3404	3457
Line amperes	3.68	4.98	6.72	8.63	10.7	13.1	9.87

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



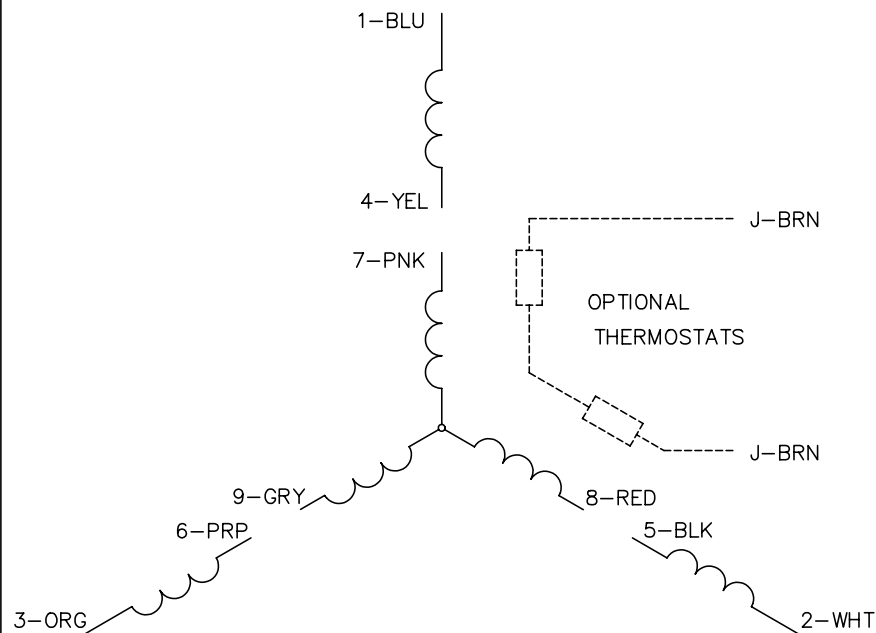
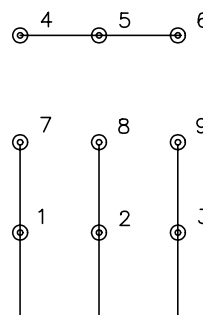
36LYG687



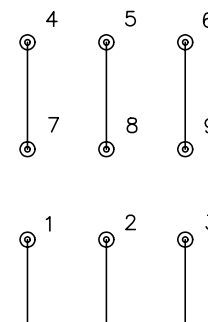
CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL	AMB
H.P.	MTG	TYPE	R.P.M.	VOLTS		ENCL	PHASE	FREQ	FRAME
REV. DESC: CHG'D CONDUIT BOX AND LID (SEE EC09)					BALDOR ELECTRIC Co.				
REV. LTR: D	BY: JED	REVISED: 02/23/99 8:11	TDR: 0171565						
7890A79E		FILE: AAA00004132	MDL: —		STD HORZ 182—4JM OPSB 36M W/SCREENS				
		MTL: —							

36LYG687

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