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Product Information Packet

L3605T

2HP,1725RPM,1PH,60HZ,182T,3628L,TEFC,F1

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Part Detail							
Revision:	W	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3628L	**Elec. Spec:**	36WGW223	**CD Diagram:**	CD0001
Enclosure:	TEFC	**Mfg Plant:**		**Mech. Spec:**	36C001	**Layout:**	36LYC001
Frame:	182T	**Mounting:**	F1	**Poles:**	04	**Created Date:**	
Base:	RG	**Rotation:**	R	**Insulation:**	F	**Eff. Date:**	01-19-2017
Leads:	4#14 A PH,2#16 B PH					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP1256L

CAT.NO.	L3605T								
SPEC.	36C01W223								
HP	2								
VOLTS	115/230								
AMP	23/11.5								
RPM	1725								
FRAME	182T			**HZ**	60			**PH**	1
SER.F.	1.15		**CODE**	H		**DES**	L	**CLASS**	F
NEMA-NOM-EFF	75.5		**PF**	74					
RATING	40C AMB-CONT								
CC							**USABLE AT 208V**	11.7	
DE	6206			**ODE**	6205				
ENCL	TEFC	**SN**							

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AC Induction Motor Performance Data

Record # 61411 - Typical performance - not guaranteed values

Winding: 36WGW223-R004	**Type:** 3628L	**Enclosure:** TEFC

Nameplate Data			
Rated Output (HP)	2		
Volts	115/230		
Full Load Amps	23/11.5		
R.P.M.	1725		
Hz	60	Phase	1
NEMA Design Code	L	KVA Code	H
Service Factor (S.F.)	1.15		
NEMA Nom. Eff.	75.5	Power Factor	74
Rating - Duty	40C AMB-CONT		
S.F. Amps			

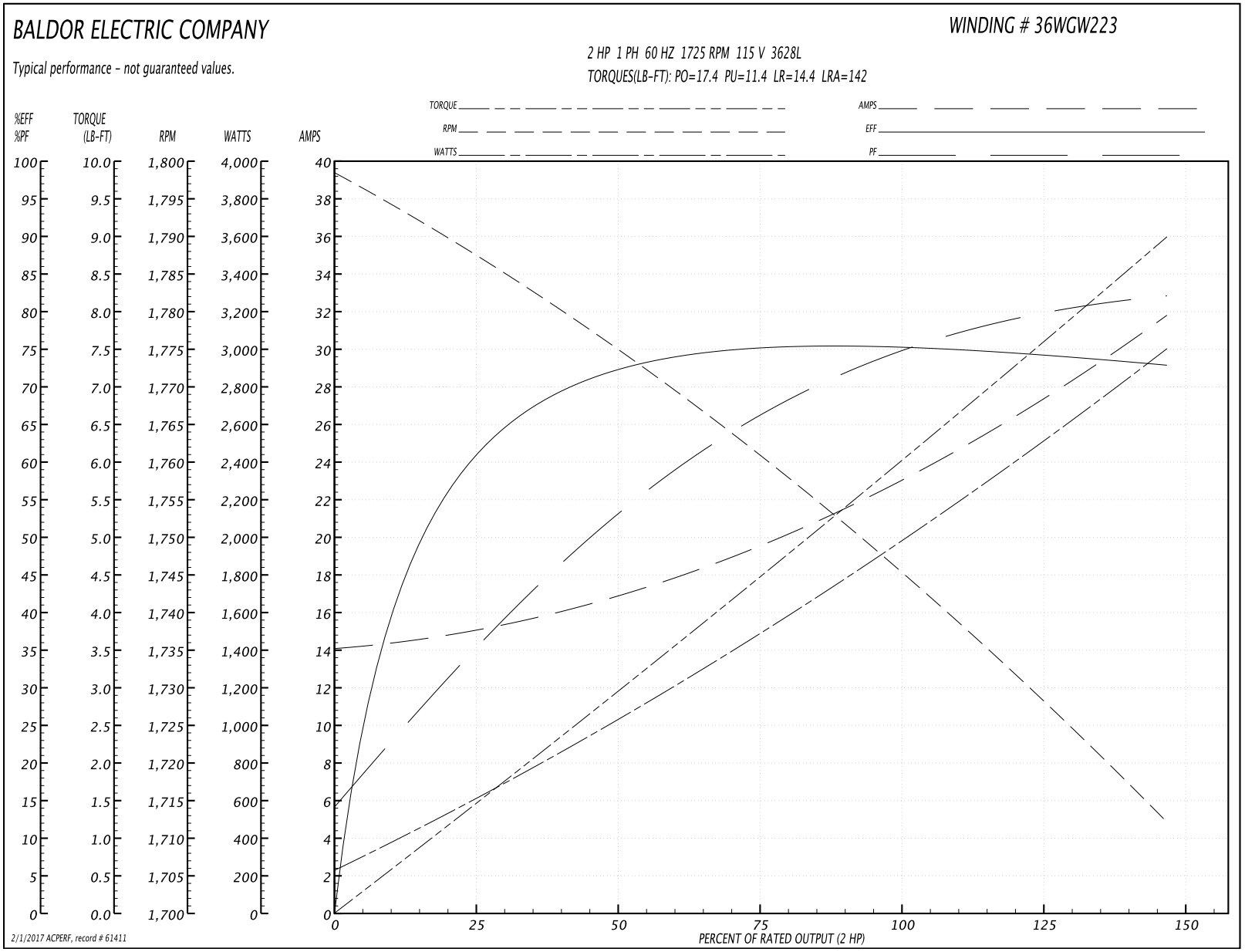
115 V, 60 Hz: Low Voltage Connection	
Full Load Torque	6 LB-FT
Start Configuration	direct on line
Breakdown Torque	17.4 LB-FT
Pull-up Torque	11.4 LB-FT
Locked-rotor Torque	14.4 LB-FT
Starting Current	142 A
No-load Current	14.2 A
Line-line Res. @ 25ºC	0.239 Ω A Ph 1.14 Ω B Ph
Temp. Rise @ Rated Load	75°C
Temp. Rise @ S.F. Load	88°C
Locked-rotor Power Factor	83.9
Rotor inertia	0.263 LB-FT2

Load Characteristics 115 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	36	54	67	74	79	82	77
Efficiency	61	73	75	75.5	74	73	74.6
Speed	1788	1775	1760	1745	1730	1712	1736
Line amperes	15	16.8	19.6	23	27.4	31.6	25.6

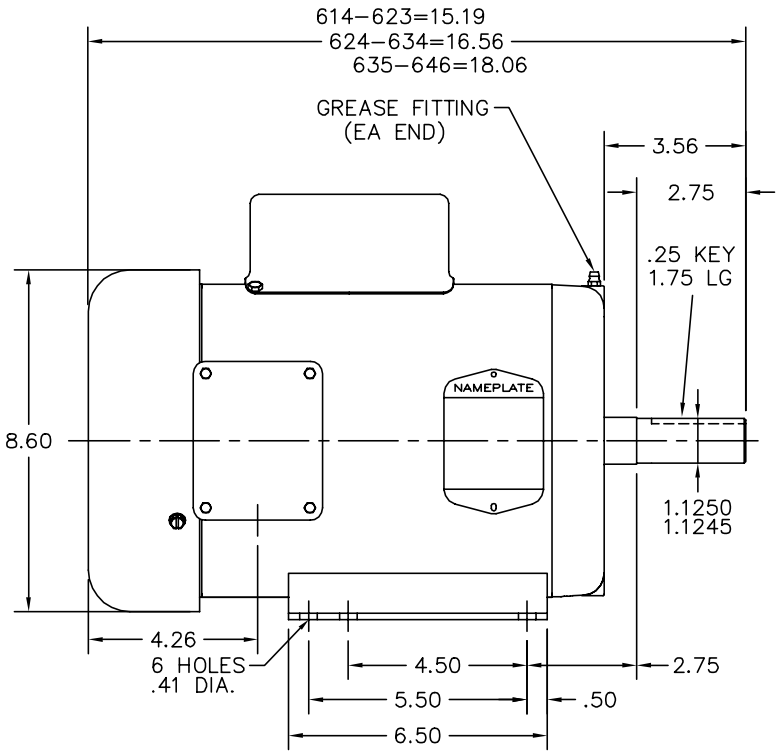
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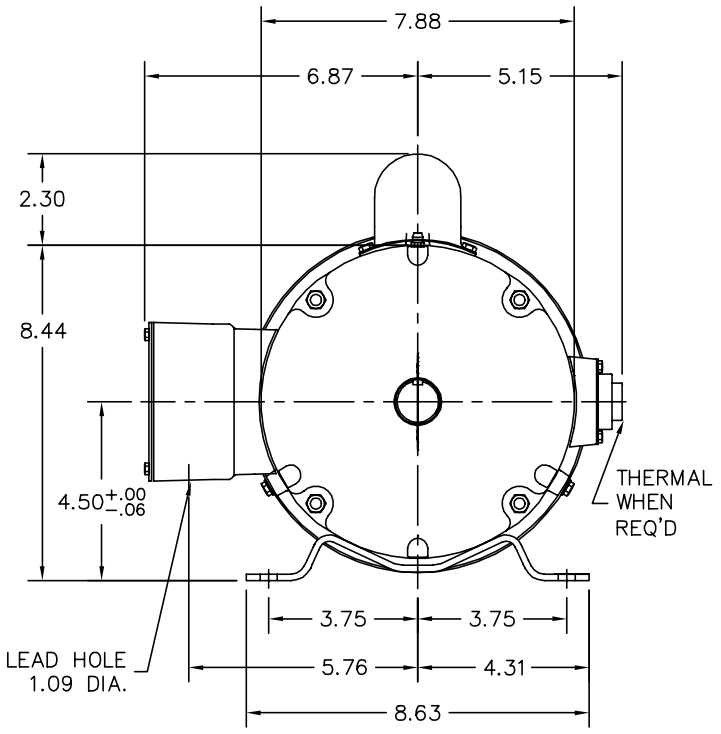
Performance Graph at 115V, 60Hz, 2.0HP Typical performance - Not guaranteed values



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36LYC001





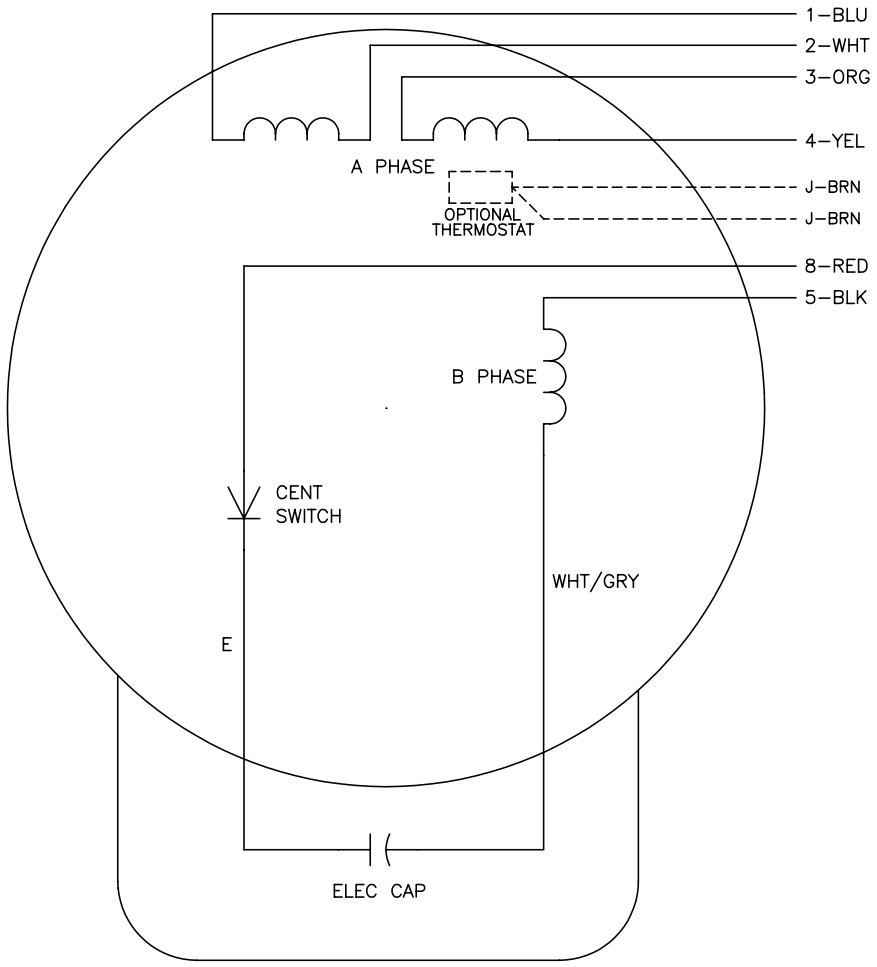
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: FREEZE LINES SHOWING THROUGH CAPACITOR/KO BOX			BALDOR ELECTRIC Co.
REV. LTR: Q	VERSION: 02	TDR: 000000384004	
36LYC001	FILE: \AAA\00003\194	REVISED: 15:47:16 12/22/2005	STD HORZ 182–4T TEFC 36L
	MTL: –	BY: ENCHRCO	

36LYC001

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CD0001



	LINE A	LINE B	JOIN
HIGH STD	1	4,5	2,3,8
HIGH OPP	1	4,8	2,3,5
LOW STD	1,3,8	2,4,5	–
LOW OPP	1,3,5	2,4,8	–

NOTES:

1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
2. OPTIONAL THERMOSTAT IS PROVIDED WHEN SPECIFIED.
3. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:16	TDR: 0178636
CD0001		FILE: AAA00007405	MDL: –
		MTL: –	

BALDOR ELECTRIC Co.

TYPE L, DV, REV, 6 LEADS

CD0001

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