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Product Information Packet

L5023A

1HP,1725RPM,1PH,60HZ,56,X3524L,XPFC,F1

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Part Detail							
Revision:	AB	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3524L	**Elec. Spec:**	35WGY190	**CD Diagram:**	CD0008
Enclosure:	XPFC	**Mfg Plant:**		**Mech. Spec:**	35G485	**Layout:**	35LYG485
Frame:	56	**Mounting:**	F1	**Poles:**	04	**Created Date:**	
Base:	RG	**Rotation:**	R	**Insulation:**	B	**Eff. Date:**	07-22-2015
Leads:	3#16 A PH,3#18 B&J,1#14 #4TH					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP2204XPSL

NO.		CC				
SER.						
SPEC.	35G485Y190G1					
CAT.NO.	L5023A					
HP	1	T. CODE	T2C			
VOLTS	115/230					
AMPS	13/6.5					
RPM	1725					
HZ	60	PH	1	CL	B	
SER.F.	1.00	DES	L	CODE	K	
RATING	40C AMB-CONT					
FRAME	56	NEMA-NOM-EFF	67			
USABLE AT 208V		PF	73			
BLANK						

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AC Induction Motor Performance Data

Record # 16853 - Typical performance - not guaranteed values

Winding: 35WGY190-R002	**Type:** 3524L	**Enclosure:** XPFC

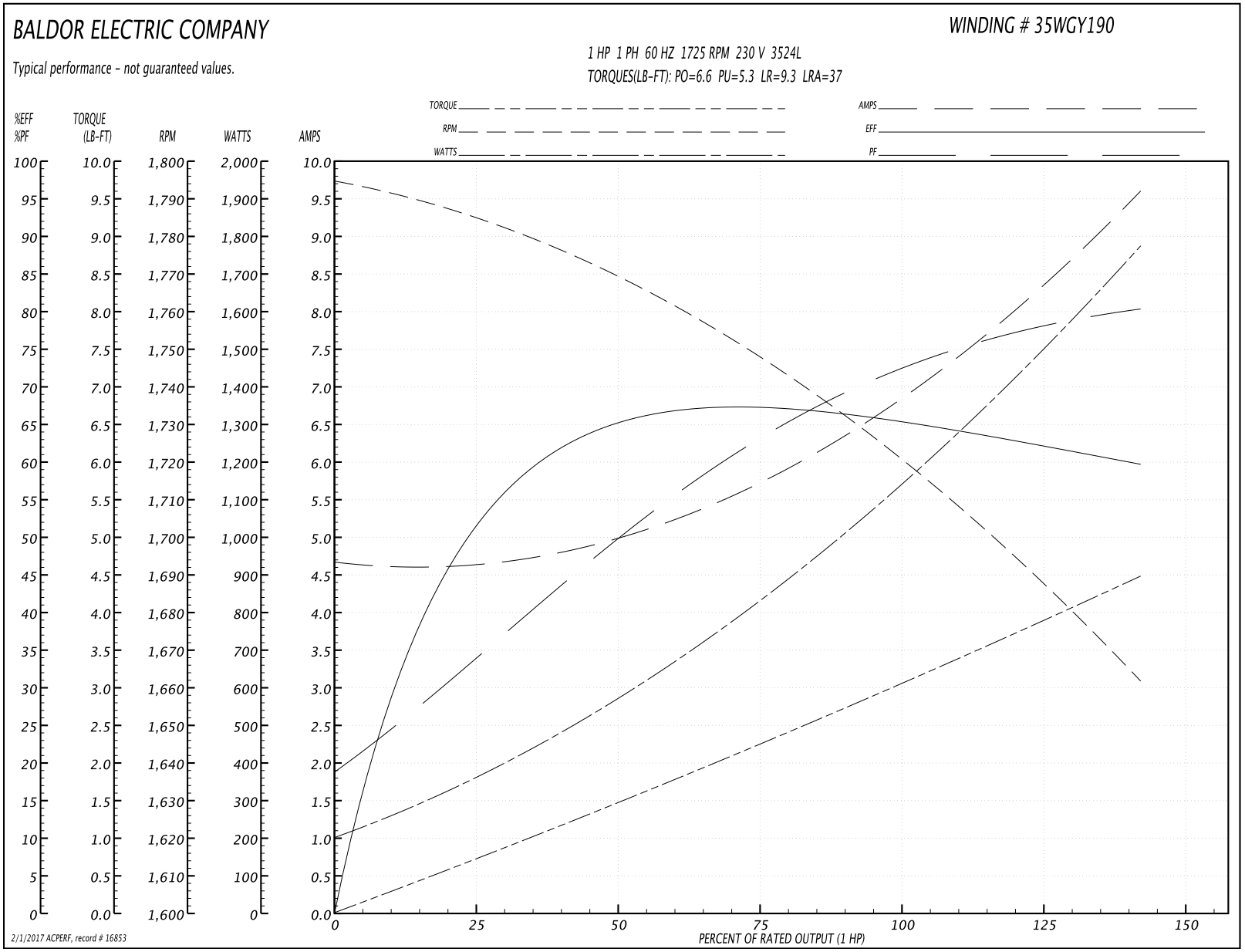
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1			Full Load Torque	3 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	13/6.5			Breakdown Torque	6.6 LB-FT
R.P.M.	1725			Pull-up Torque	5.3 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	9.3 LB-FT
NEMA Design Code	L	KVA Code	K	Starting Current	37 A
Service Factor (S.F.)	1			No-load Current	4.6 A
NEMA Nom. Eff.	67	Power Factor	73	Line-line Res. @ 25ºC	2.76 Ω A Ph 1.86 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	76°C

Load Characteristics 230 V, 60 Hz, 1 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	37	53	65	73	78	82
Efficiency	51.1	63	66.8	66.6	63.9	58.9
Speed	1781	1766	1749	1725	1697	1658
Line amperes	4.7	5.1	5.7	6.7	8	9.7

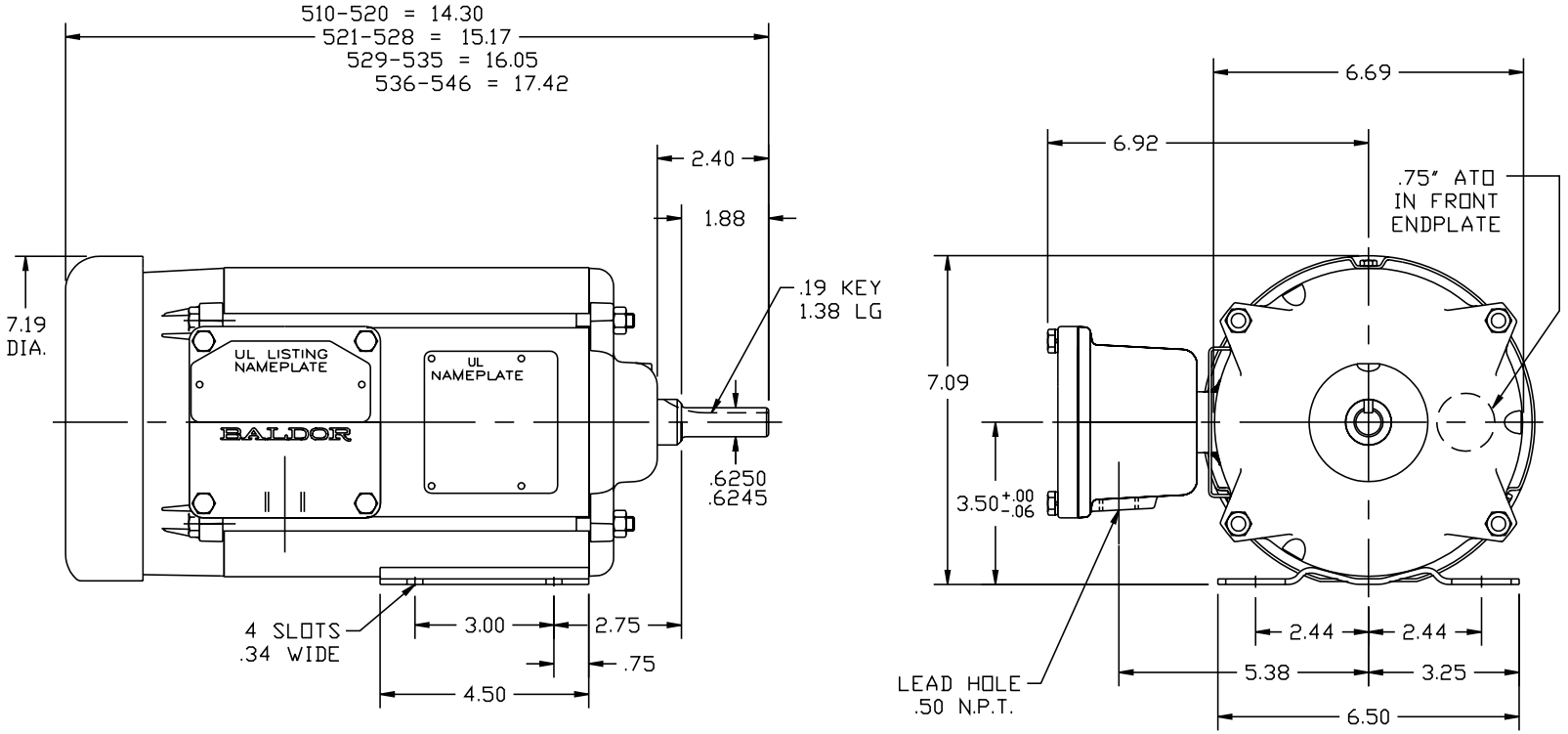
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Performance Graph at 230V, 60Hz, 1.0HP Typical performance - Not guaranteed values



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35G485



UL CLASS I - GROUP D

CUST. NAME	CUST. P.O.	CERTIFIED BY	MODEL	INSUL	AMB
H.P.	MTG	TYPE	R.P.M.	VOLTS	ENCL	PHASE	FREQ	FRAME
REMARKS:					
REV: D	ADDED .75" ATO IN DESCRIPTION				

BALDOR ELECTRIC Co.

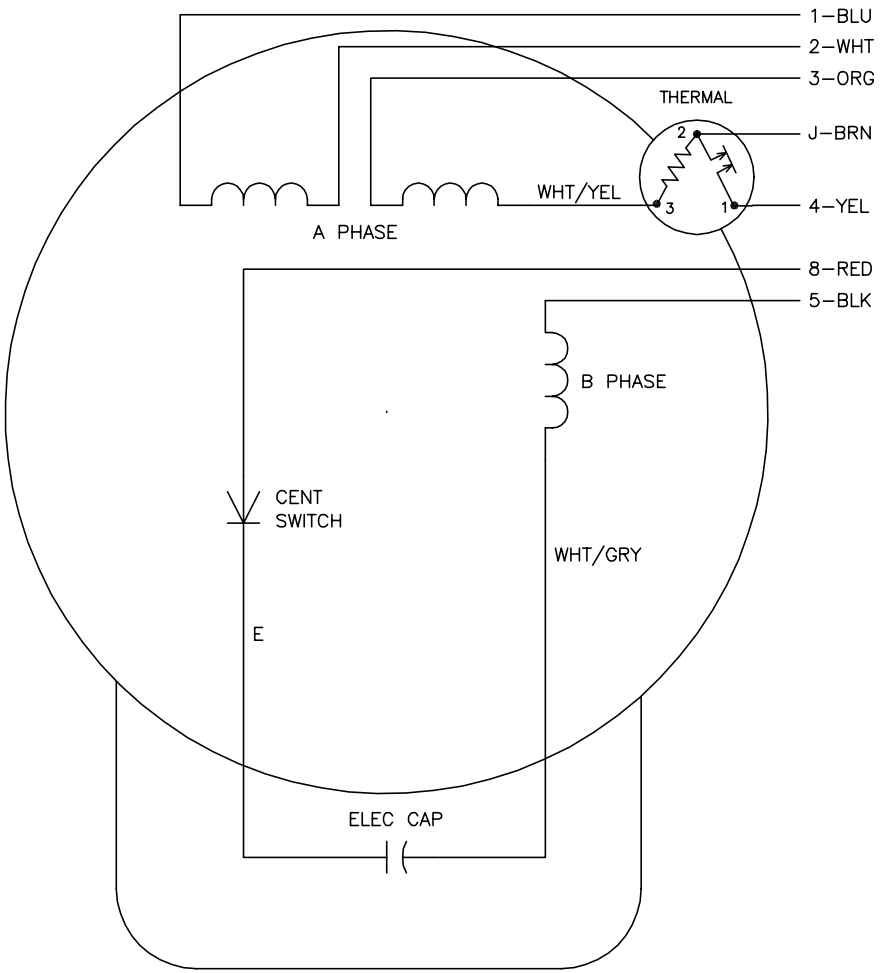
35G485	SCALE: .3	BY: KWS	REVISED: 05/22/95
	FILE: AAA00005596		TDR: 0074840

STD HORZ NEMA 56 TEFC X35L CL I - GP D W/.75" ATO

35G485

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CD0008



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

NOTES:

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

CD0008

REV. DESC: REMOVE 2–TERMINAL THERMAL DETAIL, SEE CD0008A02			BALDOR ELECTRIC Co.
REV. LTR: F	VERSION: 01	TDR: 000000360649	
CD0008	FILE: \AAA\00007\408	REVISED: 10:56:54 04/18/2005	TYPE L, DV, REV, THERMAL, 7 LEADS
	MTL: –	BY: ENJOEPO	

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