

BALDOR® • *RELIANCE*

Product Information Packet

EM3556

1HP, 1155RPM, 3PH, 60HZ, 56, 3526M, TEFC, F1, N

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3526M	Elec. Spec:	35WGM497	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35A011	Layout:	35LYA011
Frame:	56	Mounting:	F1	Poles:	06	Created Date:	04-05-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	07-11-2014
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L						
CAT.NO.	EM3556					
SPEC.	35A011M497G1					
HP	1					
VOLTS	208-230/460					
AMP	3.6/1.8					
RPM	1155					
FRAME	56	HZ	60	PH	3	
SER.F.	1.15	CODE	K	DES	B	CL F
NEMA-NOM-EFF	82.5	PF	64			
RATING	40C AMB-CONT					
CC	USABLE AT 208V					
DE	6205	ODE	6203			
ENCL	TEFC	SN				

AC Induction Motor Performance Data

Record # 31699 - Typical performance - not guaranteed values

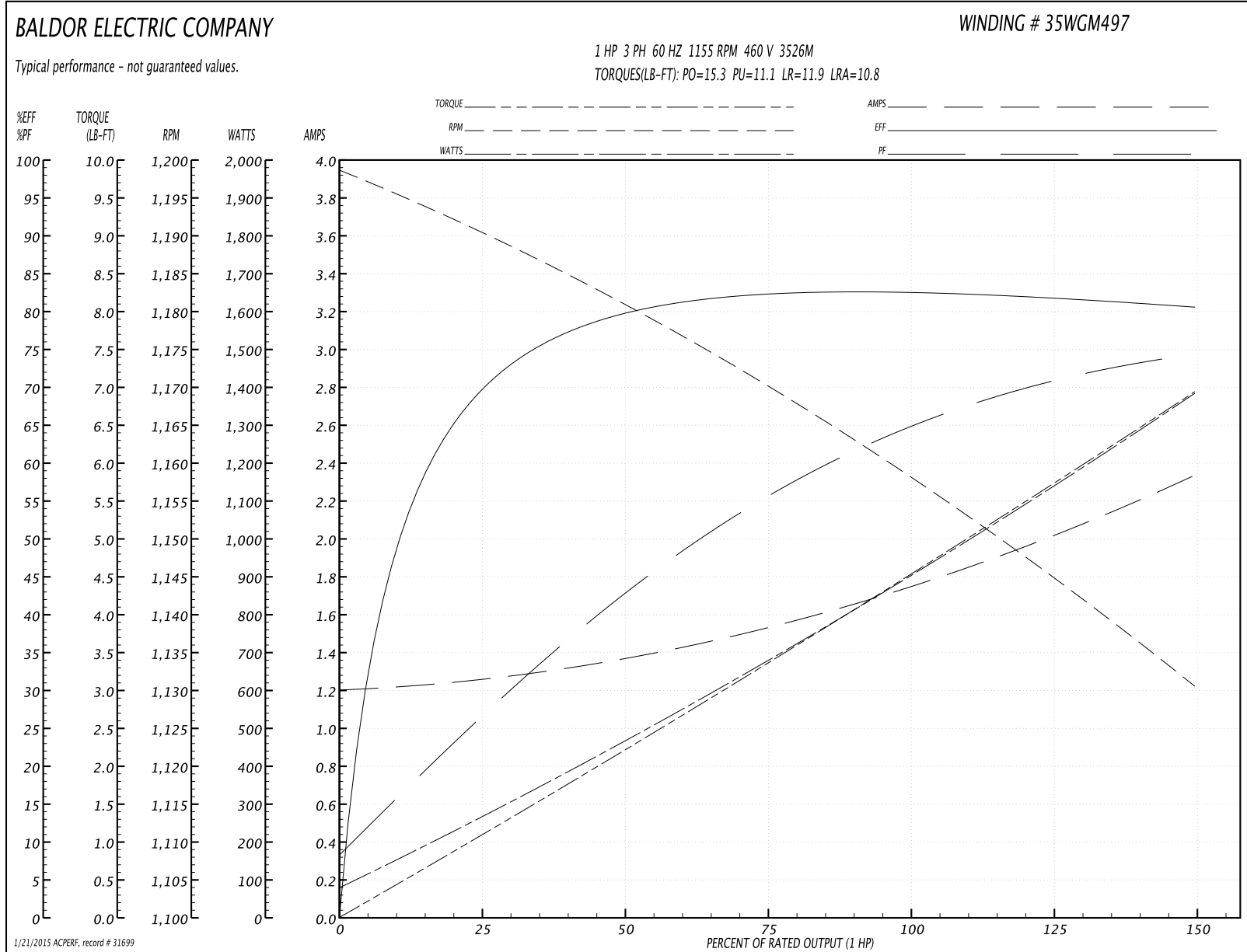
Winding: 35WGM497-R001	Type: 3526M	Enclosure: TEFC
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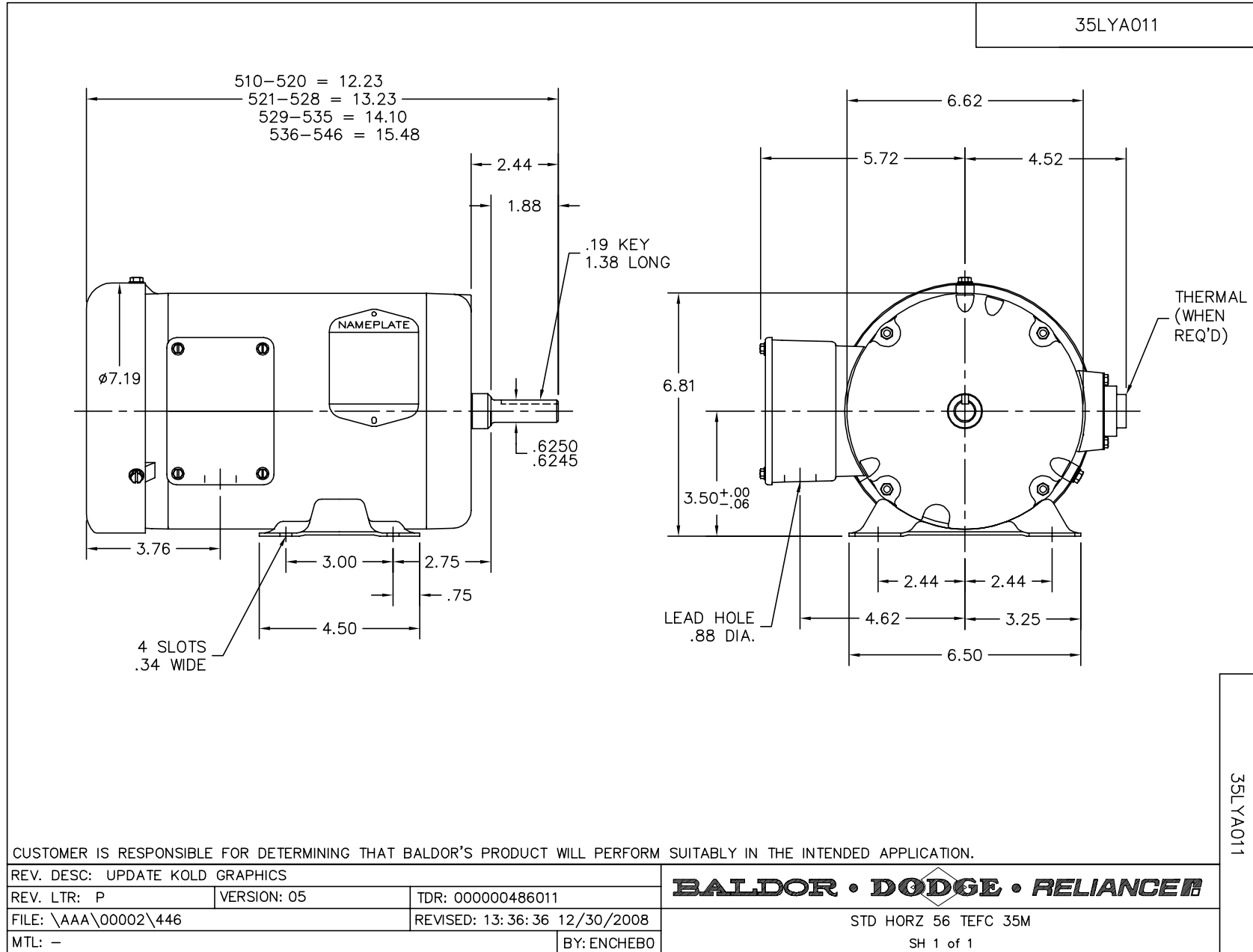
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1			Full Load Torque	4.51 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	3.6/1.8			Breakdown Torque	15.3 LB-FT
R.P.M.	1155			Pull-up Torque	11.1 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	11.9 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	10.8 A
Service Factor (S.F.)	1.15			No-load Current	1.21 A
NEMA Nom. Eff.	82.5	Power Factor	64	Line-line Res. @ 25°C	16.42 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	47°C
S.F. Amps				Temp. Rise @ S.F. Load	56°C
				Rotor inertia	0.155 LF ²

Load Characteristics 460 V, 60 Hz, 1 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	27	43	55	64	71	75	68
Efficiency	69	79.4	82.3	82.7	82	80.4	82.3
Speed	1190.4	1180.7	1170.3	1158.7	1145.5	1130.2	1151
Line amperes	1.25	1.36	1.53	1.75	2.02	2.33	1.91

Performance Graph at 460V, 60Hz, 1.0HP Typical performance - Not guaranteed values

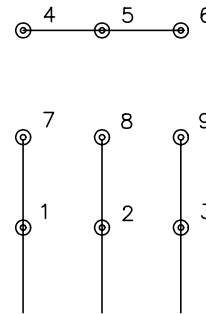




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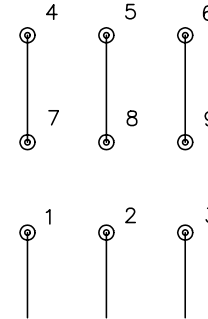


LOW VOLTAGE
(2Y)



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