

BALDOR® • RELIANCE

Product Information Packet

CEM3555T

2HP,3490RPM,3PH,60HZ,145TC,3526M,TEFC,F1

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3526M	Elec. Spec:	35WGM774	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35TT856	Layout:	35LYTT856
Frame:	145TC	Mounting:	F1	Poles:	02	Created Date:	08-03-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-16-2015
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3441LUA

CAT.NO.	CEM3555T												
SPEC.	35TT856M774G1												
HP	2												
VOLTS	230/460												
AMP	5/2.5												
RPM	3490												
FRAME	145TC				HZ		60				PH		3
SER.F.	1.15			CODE		M	DES		B	CL		F	
NEMA-NOM-EFF	85.5				PF		88						
RATING	40C AMB-CONT												
CC	010A				USABLE AT 208V						5.3		
DE	6205				ODE		6203						
ENCL	TEFC			SN									

 VPWM INVERTER READY
 CT6-60H(10:1)VT3-60H(20:1

50Hz 2HP 190/380V 5.8/2.9A

SF1.0

AC Induction Motor Performance Data

Record # 52479 - Typical performance - not guaranteed values

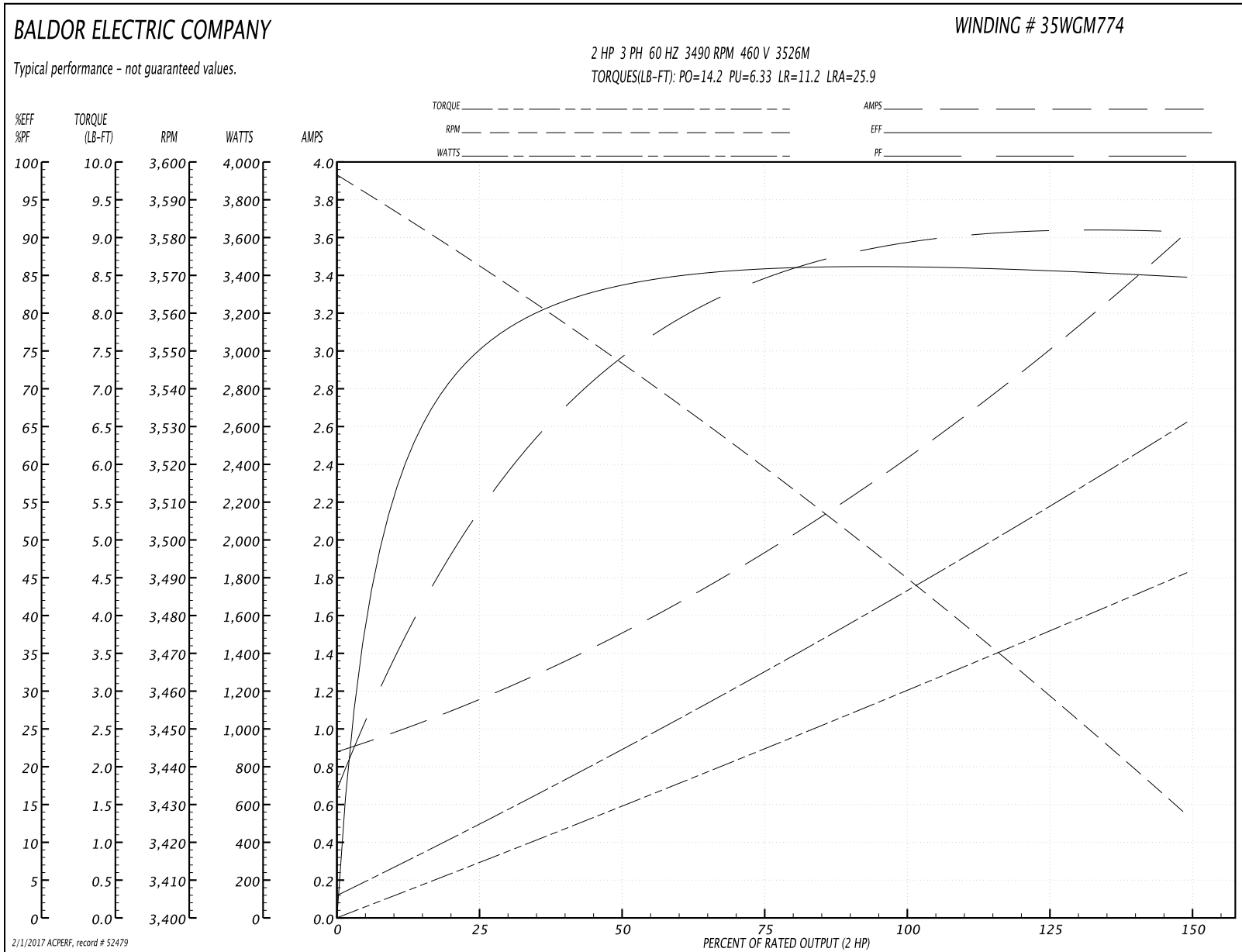
Winding: 35WGM774-R004	Type: 3526M	Enclosure: TEFC
-------------------------------	--------------------	------------------------

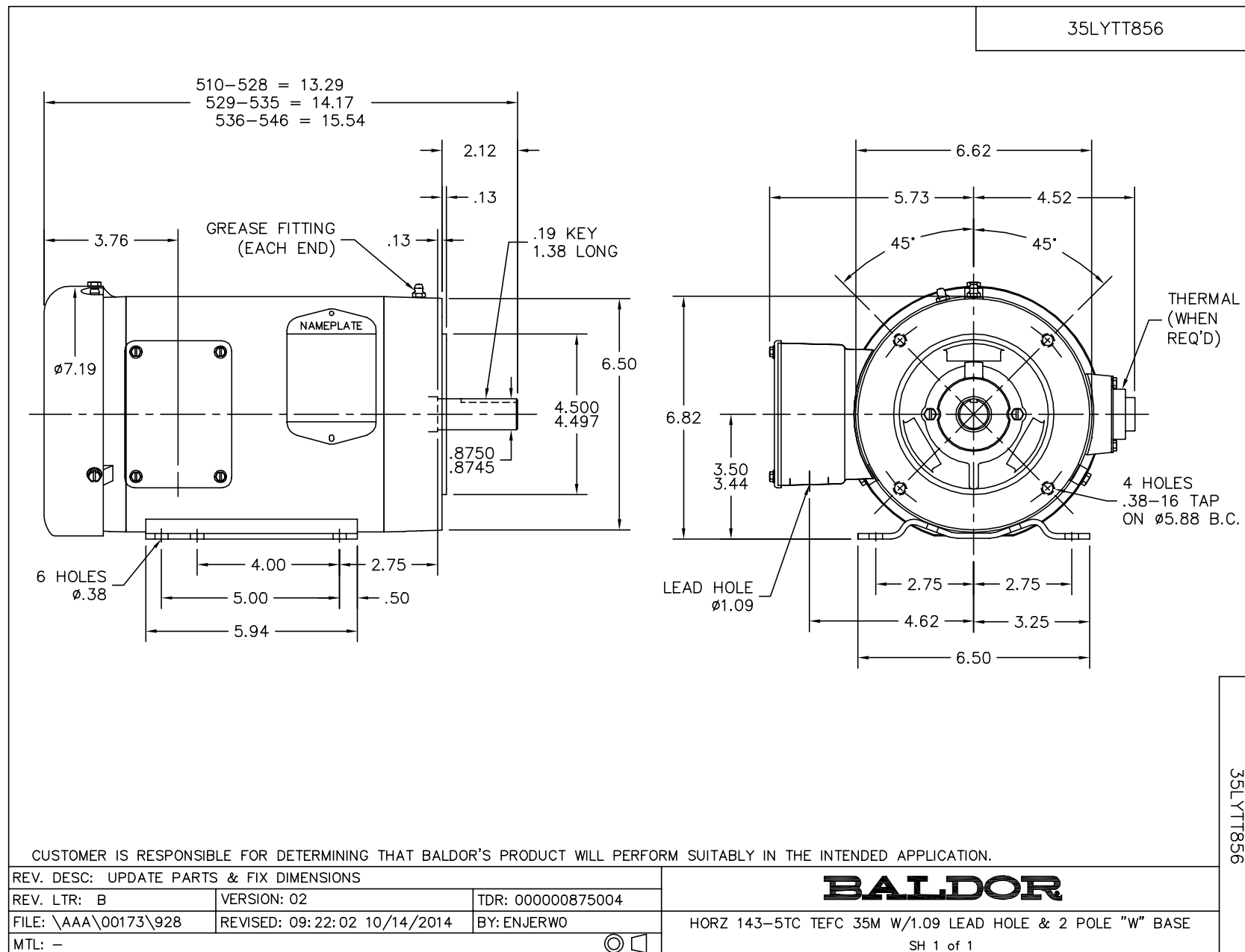
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	2.98 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	5/2.5			Breakdown Torque	14.2 LB-FT
R.P.M.	3490			Pull-up Torque	6.33 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	11.2 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	25.9 A
Service Factor (S.F.)	1.15			No-load Current	0.912 A
NEMA Nom. Eff.	85.5	Power Factor	88	Line-line Res. @ 25°C	6.88 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	44°C
S.F. Amps				Temp. Rise @ S.F. Load	52°C
				Locked-rotor Power Factor	49.9
				Rotor inertia	0.0719 LB-FT ²

Load Characteristics 460 V, 60 Hz, 2 HP

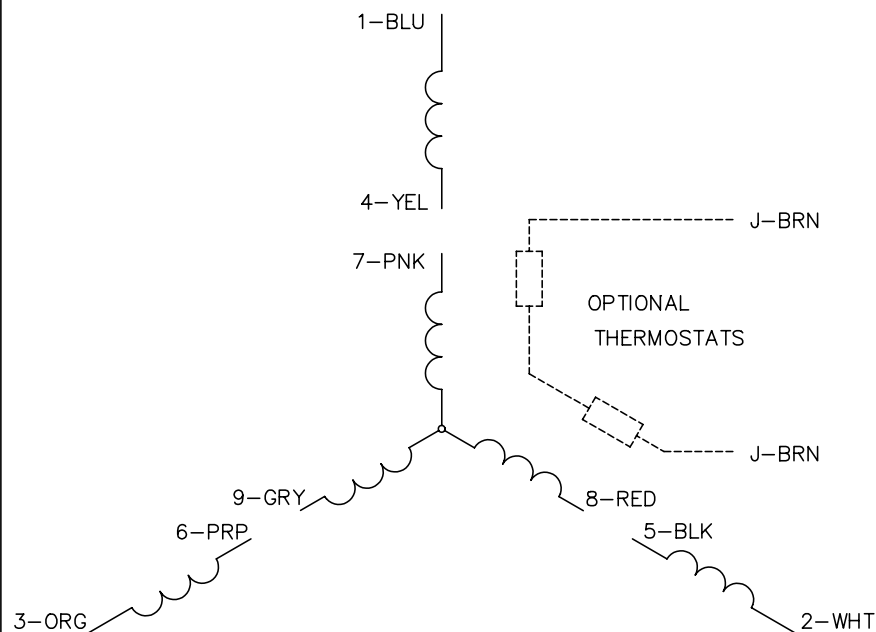
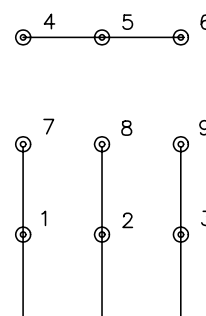
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	55	75	84	88	90	91	89
Efficiency	73.4	83.6	85.8	86.3	85.8	84.7	86
Speed	3572	3547	3520	3492	3461	3426	3473
Line amperes	1.1	1.47	1.93	2.44	3	3.61	2.78

Performance Graph at 460V, 60Hz, 2.0HP Typical performance - Not guaranteed values

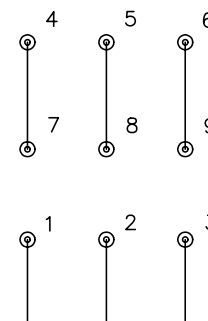




CD0005

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