

BALDOR® • RELIANCE

Product Information Packet

WALKER INDUSTRIAL PRODUCTS, INC.

VEM2394T

15HP,3500RPM,3PH,60HZ,254TC,0750M,TEFC,F

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0750M	Elec. Spec:	07WGR536	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	07H299	Layout:	07LYH299
Frame:	254TC	Mounting:	F1	Poles:	02	Created Date:	02-04-2016
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	05-27-2016
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L

CAT.NO.	VEM2394T											
SPEC.	07H299R536G1											
HP	15											
VOLTS	230/460											
AMP	33.8/16.9											
RPM	3500											
FRAME	254TC				HZ		60			PH		3
SER.F.	1.15		CODE		H	DES		A	CL		F	
NEMA-NOM-EFF	91		PF		91							
RATING	40C AMB-CONT											
CC	010A		USABLE AT 208V									36
DE	6309			ODE		6307						
ENCL	TEFC		SN									

AC Induction Motor Performance Data

Record # 57257 - Typical performance - not guaranteed values

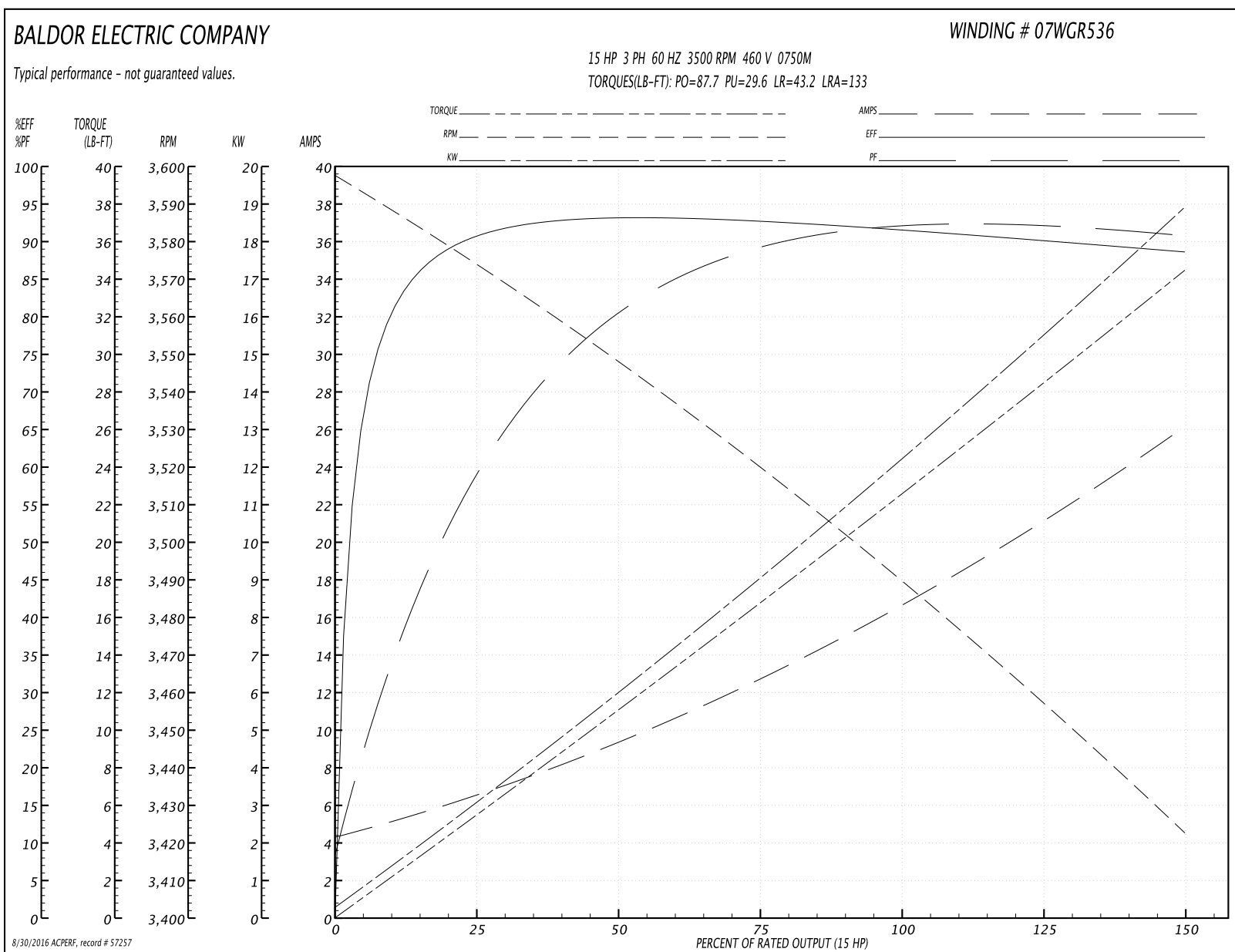
Winding: 07WGR536-R002	Type: 0750M	Enclosure: TEFC
-------------------------------	--------------------	------------------------

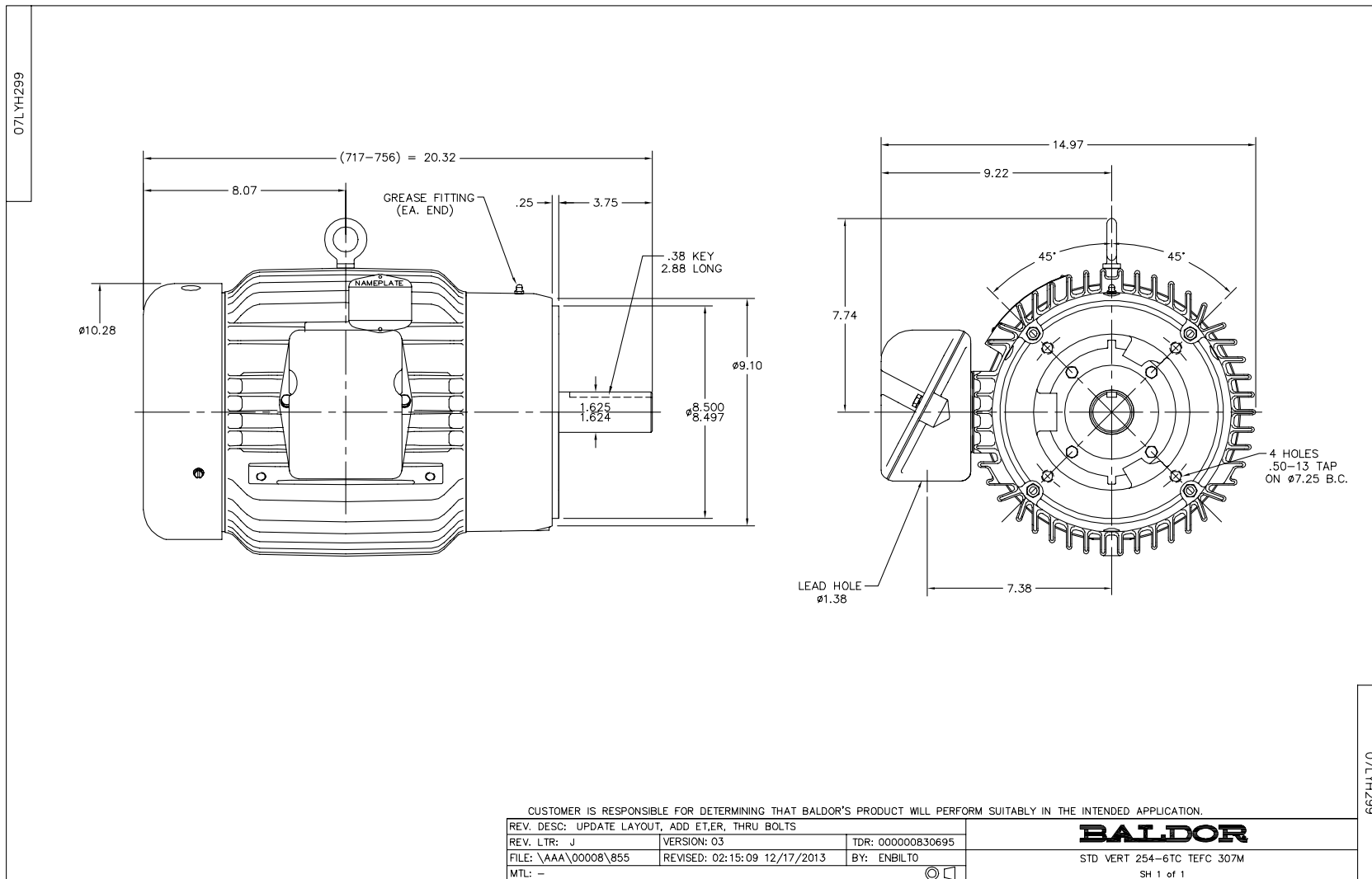
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	15			Full Load Torque	22.6 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	33.8/16.9			Breakdown Torque	87.7 LB-FT
R.P.M.	3500			Pull-up Torque	29.6 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	43.2 LB-FT
NEMA Design Code	A	KVA Code	H	Starting Current	133 A
Service Factor (S.F.)	1.15			No-load Current	4.61 A
NEMA Nom. Eff.	91	Power Factor	91	Line-line Res. @ 25°C	0.54448 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	66°C
S.F. Amps				Temp. Rise @ S.F. Load	84°C

Load Characteristics 460 V, 60 Hz, 15 HP

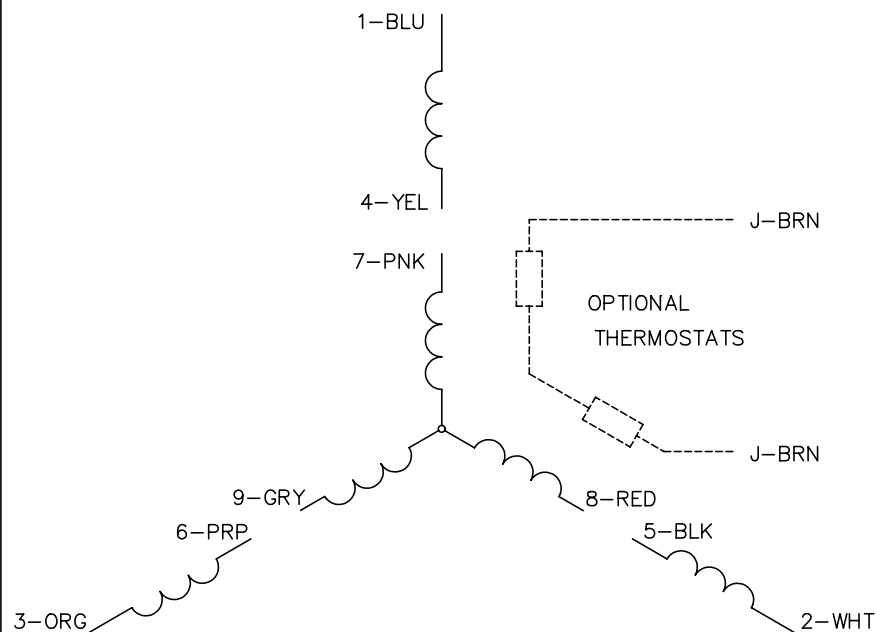
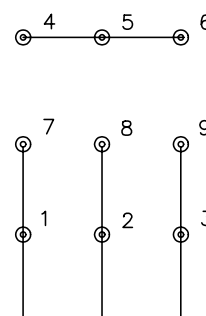
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	65	83	88	91	92	91	92
Efficiency	90.2	92.6	92.5	91.6	90.2	88.6	90.8
Speed	3572	3546.2	3519.8	3490.6	3457.2	3421.4	3471
Line amperes	6.18	9.3	12.9	16.9	21.4	26	19.6

Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values

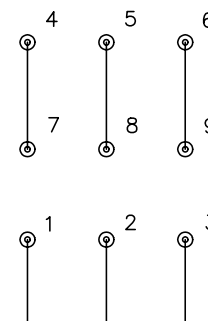




CD0005

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