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Product Information Packet

VSSEWDNM3558T

2HP,1755RPM,3PH,60HZ,145TC,3546M,TENV,F1

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Part Detail							
Revision:	J	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3546M	**Elec. Spec:**	35WGL289	**CD Diagram:**	CD0005
Enclosure:	TENV	**Mfg Plant:**		**Mech. Spec:**	35Z201	**Layout:**	35LYZ201
Frame:	145TC	**Mounting:**	F1	**Poles:**	04	**Created Date:**	04-30-2015
Base:	N	**Rotation:**	R	**Insulation:**	H	**Eff. Date:**	02-02-2017
Leads:	9#18					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP1953A01

CAT.NO.	VSSEWDNM3558T						
SPEC.	35Z201L289G1						
HP	2						
VOLTS	230/460						
AMP	5.6/2.8						
RPM	1750						
FRAME	145TC	**HZ**	60			**PH**	3
SER.F.	1.15	**CODE**	M	**DES**	B	**CLASS**	H
NEMA-NOM-EFF	88.5	**PF**	78				
RATING	40C AMB-CONT						
CC	010A					**USABLE AT 208V**	
DE	6205	**ODE**	6205				
ENCL	TENV	**SN**					

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Parts List

Part Number	Description	Quantity
SA299952	SA 35Z201L289G1	1.000 EA
RA286993	RA 35Z201L289G1	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35FE1917A10	FREP TENV 205 BRG NO GRS 4X.125 NPT (SS)	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
RM1070A25	O-RING, VITON/FKM .070CS X 6.190ID	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
35PE1916A05	PUEP 56C ENC 205 BRG 4X.125 NPT (SS)	1.000 EA
RM1070A25	O-RING, VITON/FKM .070CS X 6.190ID	1.000 EA
HW4600E99	AXIAL FACE SEAL 76925-9042-0447 SS CASE	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
RM1070A26	O-RING,4.5MM I.D.X1.5MM C.S. (VITON)	4.000 EA
36GS3008SP	WHITE NEOPREME KO BOX LID GASKET	1.000 EA
35CB4515	35 CB LID #304 STAINLESS STEEL	1.000 EA
59XN0832S07	8/32 X 7/16 HX WS HD SER X	4.000 EA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
MJ5001A27	32220KN GRAY SEALER *MIN BUY 4 QTS=1GAL	0.005 QT
MJ5004A37	#76732 LOCTITE ANTISEIZE THRD COMPOUND	0.005 EA
HA5027A02	HA4054 T-DRAIN X2 BAGGED WITH LABEL	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
WD5603A01	KIT, CLOSED-END LEAD SPLICE (18-14GA)	1.000 EA
HA3100S10	THRUBOLT 11.50LG SS	4.000 EA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA

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Parts List (continued)

Part Number	Description	Quantity
PK3082	STYROFOAM CRADLE	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA
HA5027A07	85XU1208S08 FACE DRAIN PINS BAGGED	1.000 EA

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AC Induction Motor Performance Data

Record # 51199 - Typical performance - not guaranteed values

Winding: 35WGL289-R001	**Type:** 3546M	**Enclosure:** TENV

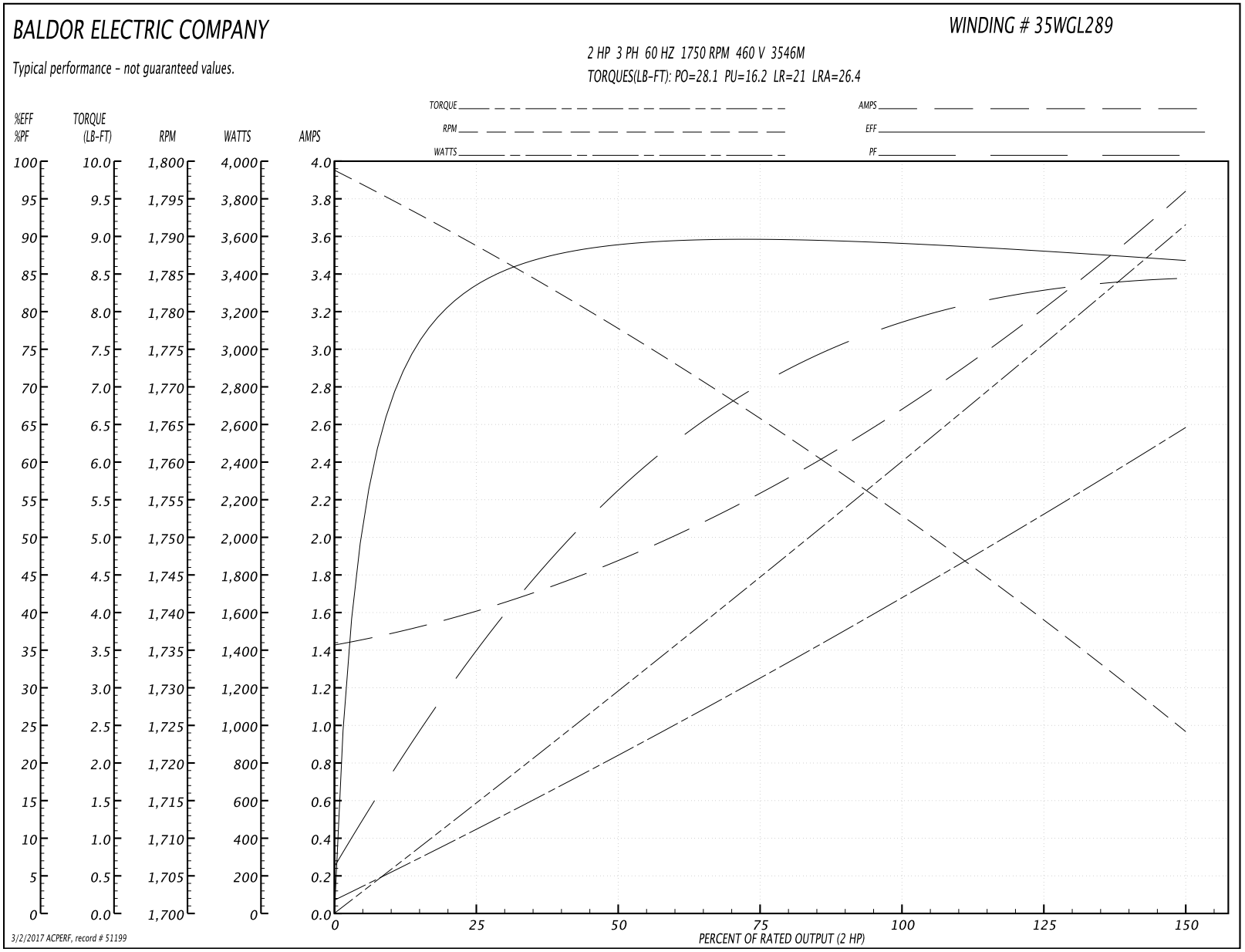
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	6.02 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	5.6/2.8			Breakdown Torque	28.1 LB-FT
R.P.M.	1750			Pull-up Torque	16.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	21 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	26.4 A
Service Factor (S.F.)	1.15			No-load Current	1.45 A
NEMA Nom. Eff.	88.5	Power Factor	78	Line-line Res. @ 25ºC	6.055 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	95°C
S.F. Amps				Temp. Rise @ S.F. Load	116°C

Load Characteristics 460 V, 60 Hz, 2 HP

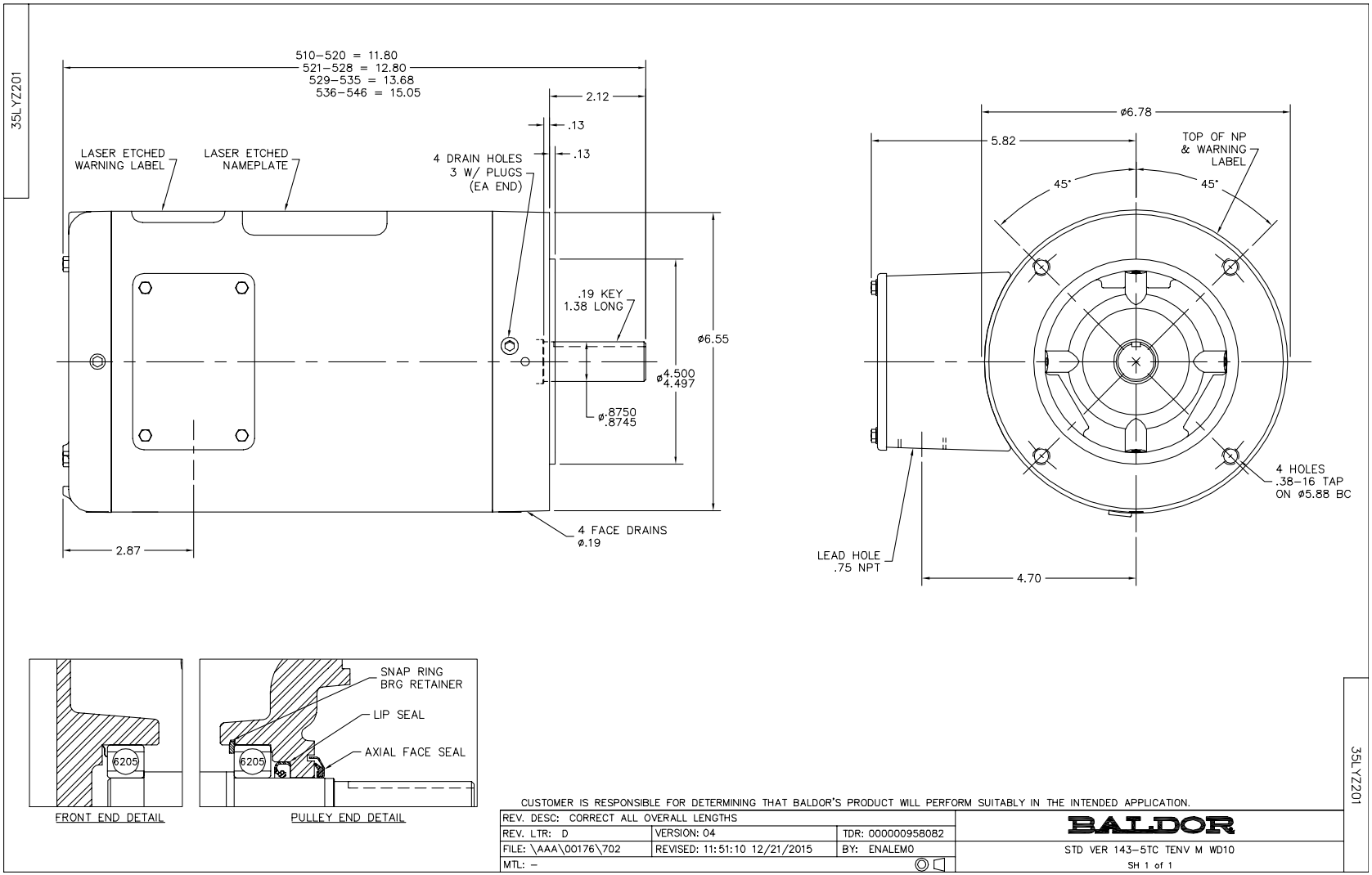
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	36	57	70	78	82	85	80
Efficiency	83.4	88.6	89.6	89.2	88.2	86.8	88.6
Speed	1788.3	1777.3	1765.6	1753	1739.2	1723.9	1745
Line amperes	1.59	1.86	2.24	2.71	3.24	3.82	3.03

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

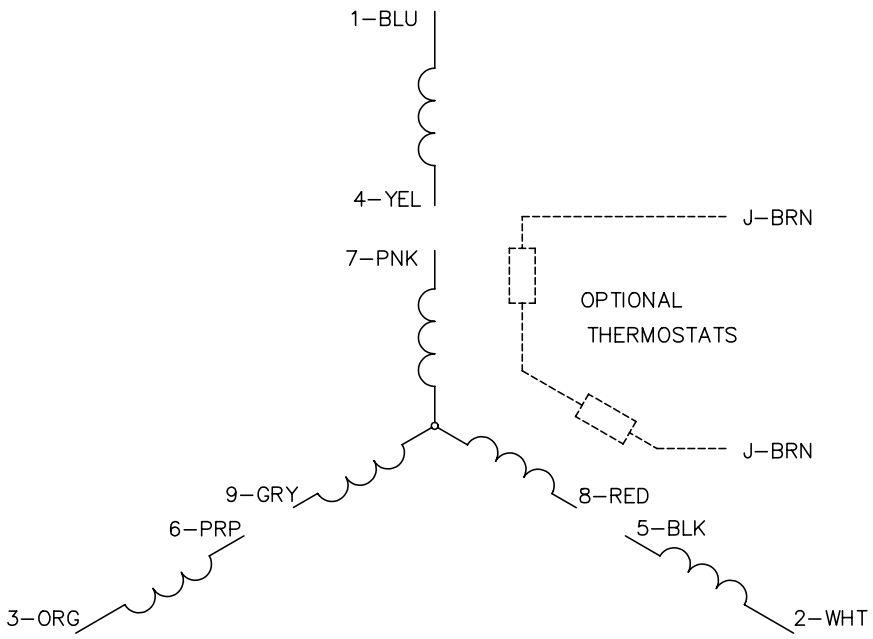


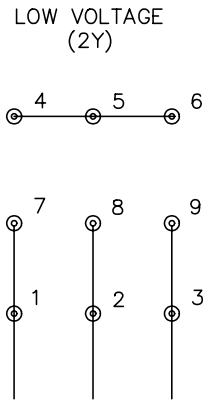
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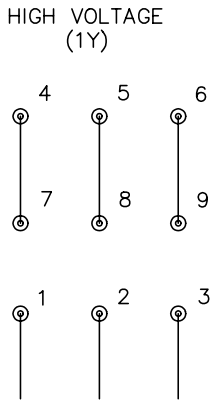


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CD0005







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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS

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