

BALDOR® • RELIANCE

Product Information Packet

L1320T

2HP,3450RPM,1PH,60HZ,145T,3528LC,OPEN,F1

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3528LC	Elec. Spec:	35WG1639	CD Diagram:	CD0016A01
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35Y525	Layout:	35LYY525
Frame:	145T	Mounting:	F1	Poles:	02	Created Date:	12-07-2009
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	07-18-2012
Leads:	4#14 A PH,3#18 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L1320T										
SPEC.	35Y525-1639G1										
HP	2										
VOLTS	115/230										
AMP	23/11.5										
RPM	3450										
FRAME	145T				HZ		60			PH	1
SER.F.	1.15			CODE	H	DES		L	CLASS	B	
NEMA-NOM-EFF	71				PF	75					
RATING	40C AMB-CONT										
CC					USABLE AT 208V						12
DE	6205				ODE		6203				
ENCL	OPEN			SN							

Parts List		
Part Number	Description	Quantity
SA188439	SA 35Y525-1639G1	1.000 EA
RA176173	RA 35Y525-1639G1	1.000 EA
OC3012F12SP	CYL OIL CAP 12MFD/370V	1.000 EA
EC1850A06SP	ELEC CAP 115V 2.0 X 4.3 X	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3009	35 CB W/1.09 DIA. LEAD HOLE @ 6:	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3201A01	STD FR ENDPLATE-OPEN-203 BRG W/GREASER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
35CB3801	CAPACITOR COVER, CAST	1.000 EA
HA7010	CAPACITOR RETENTION CLAMP	1.000 EA
NS2501A02	INSULATOR, CAPACITOR BOX	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
35EP3200A01	PUEP OPEN 205 BRG W/GREASER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
35CB4521	35 LIPPED CB LID (GALV & PHOSPH)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	1.000 EA
SP1006A01	TERM. BOARD, MODE 35 SW X H-23655	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.017 GA
HA3100A18	THRUBOLT 10-32 X 9.250	4.000 EA
34GS5003	FOAM SLEEVE, ID = 2 1/16" X 3 3/8"	2.000 EA
SP5056A61	MODEL 35 LC STATIONARY SWITCH LEAD ASSY	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0016	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
35PA1066	PKG GRP, PRINT PK1008A06	1.000 EA

Accessories		
Part Number	Description	Multiplier
35-8764	C FACE KIT	A8
35EP1604A01SP	D-FLANGE KIT	A8

AC Induction Motor Performance Data

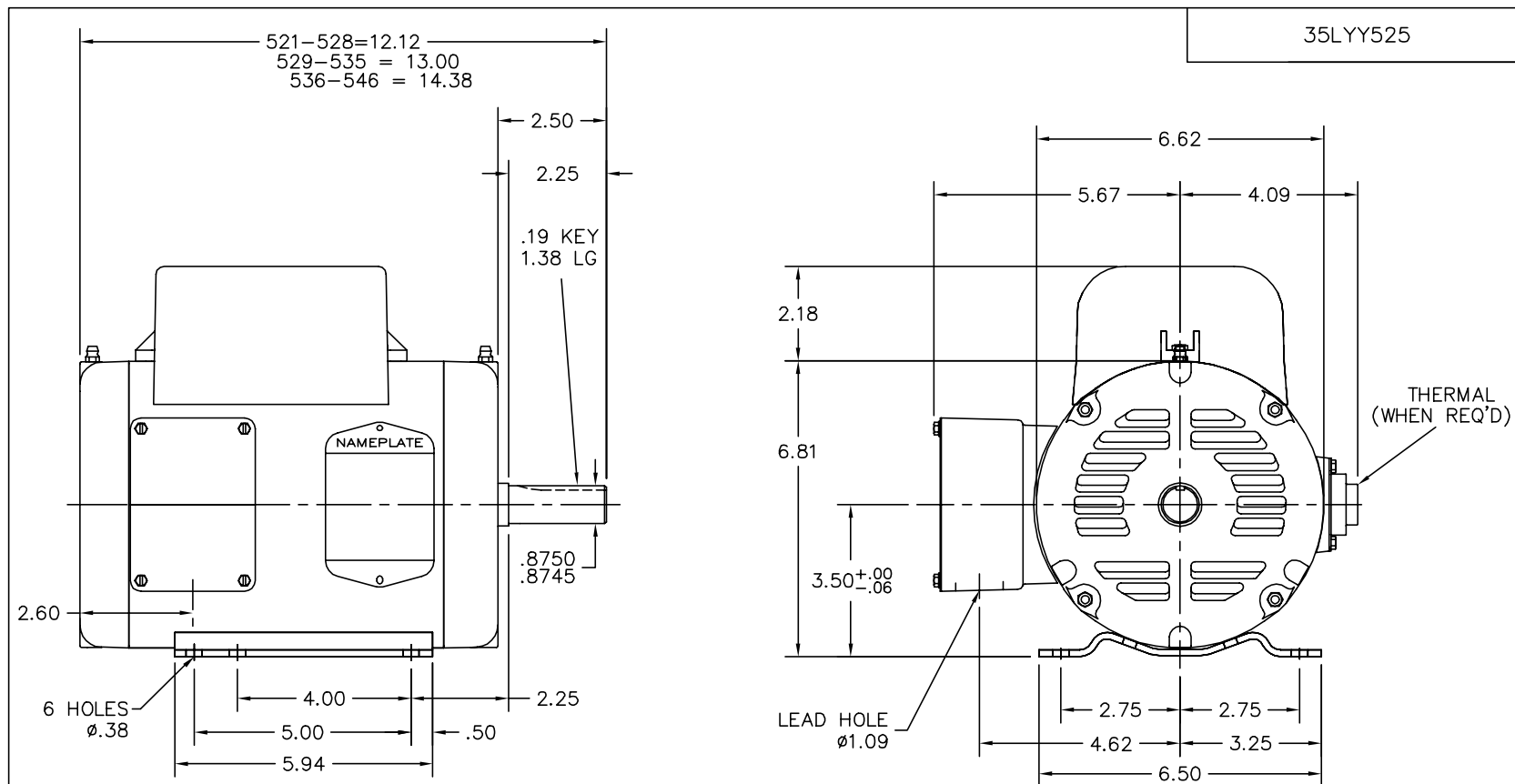
Record # 8155 - Typical performance - not guaranteed values

Winding: 35WG1639-R001	Type: 3528LC	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	3 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	23/11.5			Breakdown Torque	10.5 LB-FT
R.P.M.	3450			Pull-up Torque	8.8 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	9.9 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	83 A
Service Factor (S.F.)	1.15			No-load Current	8.1 A
NEMA Nom. Eff.	71	Power Factor	75	Line-line Res. @ 25°C	0.844 Ω A Ph 0.918 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	45°C
S.F. Amps				Temp. Rise @ S.F. Load	49°C

Load Characteristics 230 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	40	56	65	75	80	84	78
Efficiency	50	65	73	74	75	74	74.6
Speed	3574	3552	3533	3506	3482	3451	3492
Line amperes	8.6	9.6	10.5	12	13.6	15.7	12.96



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: NEW			BALDOR • DODGE • RELIANCE	
REV. LTR: -	VERSION: 00	TDR: 000000520927		
FILE: \AAA\00168\028		REVISED: 01: 35: 53 12/07/2009	HORZ 143-5T OPEN 35LC W/2 POLE "W" BASE & 1.09 LEAD HOLE	
MTL: -		BY: ENGAMGO	SH 1 of 1	

35L YY525

