

**BALDOR® • RELIANCE** 

**Product Information Packet**

**EBM3546-S**

**1/.75KWHP,1770 1/MINRPM,3PH,60HZ,56,3520**

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WGG004	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	35X053	Layout:	35LYX053	Poles:	04	Created Date:	01-10-2022
Base:	RG	Eff. Date:	07-14-2022	Leads:	9#18		Y

Specs			
Catalog Number:	EBM3546-S	Front Shaft Indicator:	None
Enclosure:	TEFC	Heater Indicator:	No Heater
Frame:	56	Insulation Class:	F
Frame Material:	Steel	Inverter Code:	Inverter Ready
Motor Letter Type:	Three Phase	KVA Code:	L
Output @ Frequency:	1.000 HP @ 60 HZ	Lifting Lugs:	No Lifting Lugs
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 18 AWG
	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	None	Motor Lead Termination:	Flying Leads
XP Division:	Not Applicable	Motor Type:	3520M
Agency Approvals:	CE	Mounting Arrangement:	F3
	CSA	Power Factor:	71
	CSA EEV	Product Family:	General Purpose
	UR	Pulley End Bearing Type:	Ball
	WEEE	Pulley Face Code:	Standard
Auxillary Box:	No Auxillary Box	Pulley Shaft Indicator:	Standard
Auxillary Box Lead Termination:	None	Rodent Screen:	None

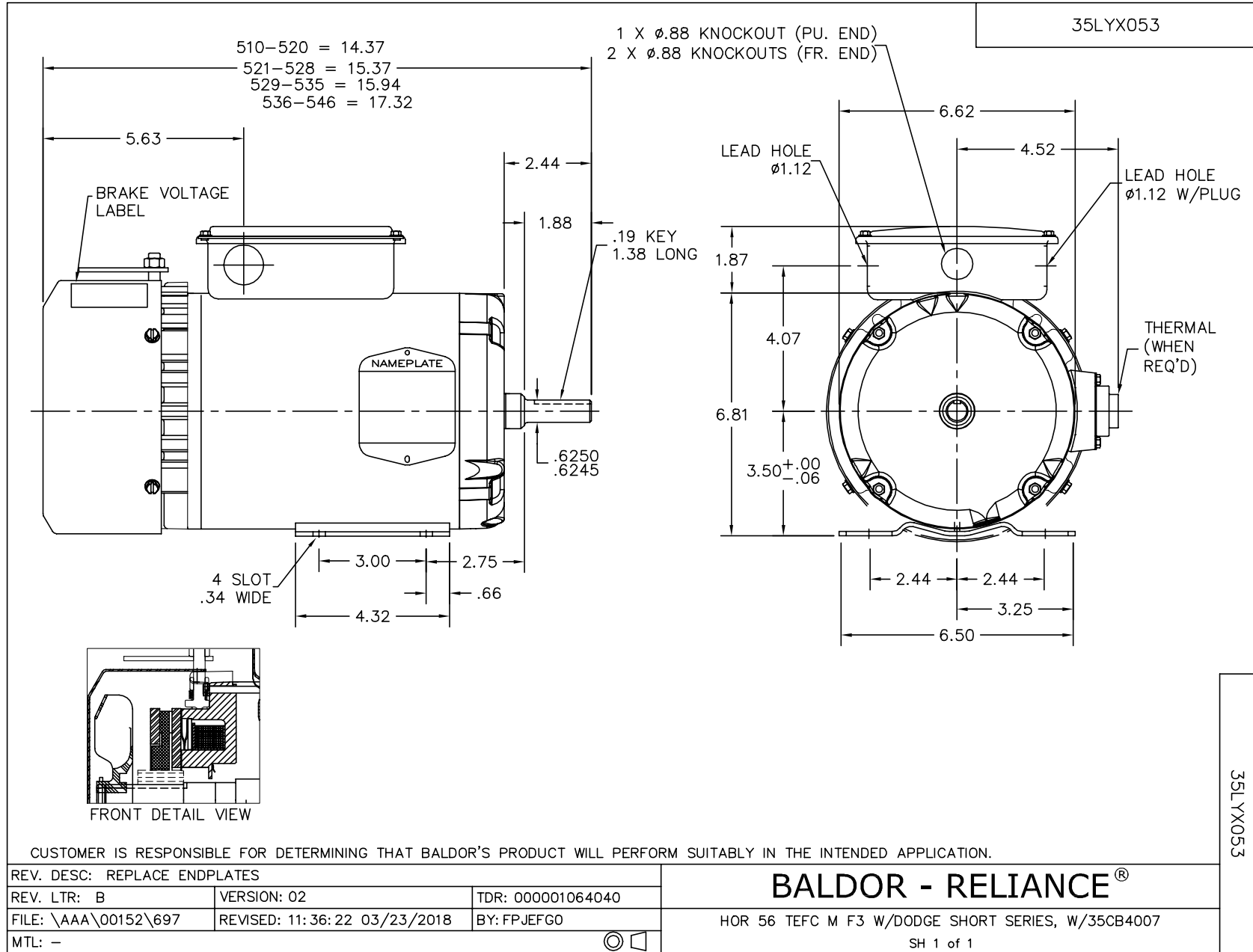
<b>Base Indicator:</b>	Rigid	<b>RoHS Status:</b>	ROHS COMPLIANT
<b>Bearing Grease Type:</b>	Polyrex EM (-20F +300F)	<b>Shaft Extension Location:</b>	Pulley End
<b>Blower:</b>	None	<b>Shaft Ground Indicator:</b>	No Shaft Grounding
<b>Current @ Voltage:</b>	3.100 A @ 208.0 V	<b>Shaft Rotation:</b>	Reversible
	3.000 A @ 230.0 V	<b>Shaft Slinger Indicator:</b>	No Slinger
	1.500 A @ 460.0 V	<b>Speed Code:</b>	Single Speed
<b>Design Code:</b>	B	<b>Motor Standards:</b>	NEMA
<b>Drip Cover:</b>	No Drip Cover	<b>Starting Method:</b>	Direct on line
<b>Duty Rating:</b>	CONT	<b>Thermal Device - Bearing:</b>	None
<b>Electrically Isolated Bearing:</b>	Not Electrically Isolated	<b>Thermal Device - Winding:</b>	None
<b>Feedback Device:</b>	NO FEEDBACK	<b>Vibration Sensor Indicator:</b>	No Vibration Sensor
<b>Front Face Code:</b>	Special Combinations Not Liste	<b>Winding Thermal 1:</b>	None
		<b>Winding Thermal 2:</b>	None

Nameplate NP2934L										
CAT.NO.	EBM3546-S									
SPEC.	35X053G004G1									
HP	1/75KW									
VOLTS	230/460									
AMP	3.2/1.6 IP44 IC411 23KG									
RPM	1770 1/MIN									
FRAME	56				HZ	60		PH	3	
SER.F.	1.15			CODE	N		DES	B	CL	F
NEMA-NOM-EFF	85.5			PF	69					
RATING	40C AMB-S1 CONT									
CC	010A						USABLE AT 208V	3.2		
DE	6205			ODE	6205					
ENCL	TEFC			SN						
	IE3-60HZ-84.8(75%)81.6(50%)									

Parts List		
Part Number	Description	Quantity
SA402027	SA 35X053G004G1	1.000 EA
RA393290	RA 35X053G004G1	1.000 EA
34FN3002B01	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB4007	KOBX,W/PRIMER (WAS REL# 79097-49-C)	1.000 EA
35GS3009	GASKET, KOBX 35CB4006 (411881-15A)	1.000 EA
WD4101A13	STEEL CAPLUG,BP-1 1/8, PLUG D3561S	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B02	BRASS CUP WASHER W/GROUND SYMBOL TAB,	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
35EP3123A00	MASTER DE,205 BRG,.998SH,#26 DRN	1.000 EA
HW1001A10	WASHER, #10 SPLT LK, ZN X	4.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
BR2003D01	SPLINED HUB 7/8 W/O KEY, W/SET SCREWS	1.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
35FN3003A02	EXFN, PLASTIC, 5.88 OD, .876 ID (REL)	1.000 EA
35FH4007A01	FAN COVER FOR SHORT SERIES BRAKE, PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
35CB4519	CB LID W/BLACK PRIMER	1.000 EA
35GS3019A01	LEXIDE GASKET, FOR KOBX LID 35CB4519	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
WD4006A01	WIRE JOINT,T&B RB-4 OR RB-44	1.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1418	INTEGRAL BRK ADJ LABEL (REL# 41171617A)	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON	0.050 LB
MG1025N19	MUNSELL 8.5BG 3.57/2.0, GLOSS 30, B/G,	0.017 GA
HA3100A37	THRUBOLT 10-32 X 8.500	4.000 EA
43BK0200B02	SSB-6-230/460(205) L HUB	1.000 EA
LB1424A02	BRAKE VOLT LABEL 230/460V SSB	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
LB1419	CONNECTION LABEL	1.000 EA
NP2934L	ALUM SUPER-E UL CSA-EEV CE CC PREM	1.000 EA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (2200bx) 4/22	1.000 EA
PE-0000001	ZRTG PE ASSEMBLY	1.000 EA

No performance data has been  
assigned to this product.



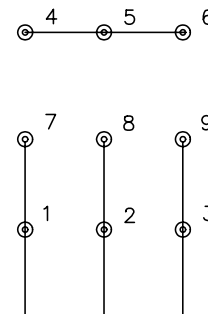
35LYX053



CD0005

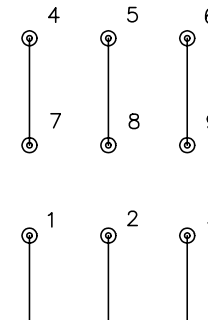


LOW VOLTAGE  
(2Y)



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
90000		FILE: AAA00005140	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

3PH, DV, 9 LEADS

CD0005