

**BALDOR® • RELIANCE** 

**Product Information Packet**

**XM140762TA**

**.75HP, 1140RPM, 3PH, 60HZ, 143T, 3524M, XPFC, F**

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WGY025	CD Diagram:	CD0007	Mfg Plant:	
Mech. Spec:		Layout:	35LYE360	Poles:	06	Created Date:	03-16-2021
Base:		Eff. Date:	06-29-2021	Leads:	12#18		

Specs			
Catalog Number:	XM140762TA	Heater Indicator:	No Heater
Enclosure:	XPFC	Insulation Class:	B
Frame:	143T	Inverter Code:	Not Inverter
Frame Material:	Steel	IP Rating:	NONE
Output @ Frequency:	.750 HP @ 60 HZ	KVA Code:	K
Synchronous Speed @ Frequency:	1200 RPM @ 60 HZ	Lifting Lugs:	No Lifting Lugs
Voltage @ Frequency:	208.0 V @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	460.0 V @ 60 HZ	Motor Type:	3524M
XP Class and Group:	CLI GP D; CLII GP F,G	Mounting Arrangement:	F1
XP Division:	Division I	Power Factor:	63
Agency Approvals:	UR	Product Family:	General Purpose
	CSA	Pulley Face Code:	Standard
Auxillary Box:	No Auxillary Box	Rodent Screen:	None
Auxillary Box Lead Termination:	None	Shaft Ground Indicator:	No Shaft Grounding
Base Indicator:	Rigid	Shaft Rotation:	Reversible
Bearing Grease Type:	Polyrex EM (-20F +300F)	Speed Code:	Single Speed
Blower:	None	Motor Standards:	NEMA

<b>Current @ Voltage:</b>	1.400 A @ 460.0 V	<b>Starting Method:</b>	Direct on line
	2.800 A @ 230.0 V	<b>Thermal Device - Bearing:</b>	None
	3.000 A @ 208.0 V	<b>Thermal Device - Winding:</b>	None
<b>Design Code:</b>	B	<b>Vibration Sensor Indicator:</b>	No Vibration Sensor
<b>Drip Cover:</b>	No Drip Cover	<b>Winding Thermal 1:</b>	Automatic Thermal Overload
<b>Duty Rating:</b>	CONT	<b>Winding Thermal 1 Location:</b>	SB
<b>Electrically Isolated Bearing:</b>	Not Electrically Isolated	<b>Winding Thermal 2:</b>	None
<b>Feedback Device:</b>	NO FEEDBACK	<b>XP Temp Code:</b>	T4

Nameplate NP0016XPSL			
NO.	<input type="text"/>	CC	<input type="text"/>
SER. #	<input type="text"/>		
SPEC	35-0000-1076		
CAT.NO.	XM140762TA		
H.P.	.75	T. CODE	T4
VOLTS	208-230/460		
AMPS	3-2.8/1.4		
R.P.M.	1140 35WGY025		
HZ	60	PH	3
SER.F.	1.15	DES	B
RATING	40C AMB-CONT		
FRAME	143T	NEMA NOM. EFF	77
USABLE AT 208V	<input type="text"/>		
BLANK	NEMA MG-1 PART 5, IP54		

Parts List		
Part Number	Description	Quantity
SA392319	SA 35-0000-1076	1.000 EA
RA382871	RA 35-0000-1076	1.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LC0007	CONNECTION LABEL	1.000 EA
NP0016XPSL	SS XP UL CSA CC CL-I GP-D CL-II GP-F&G	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	4.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (2100/bx) 4/22	1.000 EA
NP0018F	ALUM UL XP CONDUIT BOX NAMEPLATE	1.000 EA
TPMYJ68KX	THERMAL 3PH 0.75 AUT 120C	1.000 EA
51XT0632A06	6-32X3/8 TY23 HXWS SLDSR	2.000 EA
HA6001A01	THERMAL RETAINER (PLATED)	1.000 EA
NS2500A06	INSULATOR,AUTO THER PROT,W/PSA ON 1 SIDE	1.000 EA
35FH4005A01SP	IEC FH NO GREASER W/PRIMED	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
MJ1000A02	GREASE, MOBIL POLYREX EM - 124047	0.050 LB
HA3104A08	THRUBOLT-5/16-18X9.375 X X	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
35EP3700A01SP	FR ENDPLATE, XPFC	1.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
35EP3701A01	PU ENDPLATE, XPFC - 205 BRG	1.000 EA
35CB3001A02SP	EXPL PROOF CONDUIT BOX, 3/4"PIPE TAP LEA	1.000 EA

<b>Parts List (continued)</b>		
<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #10 SCREW	1.000 EA
35CB3500A01SP	CONDUIT BOX LID, MACH	1.000 EA
51XN2520A16	SCREW, HEX WS SLT, ZN, 1/4-20 X 1.00	4.000 EA
MG1500Y02	WILKOPON PRIMER YELLOW	0.022 GA
MG1025G29	WILKOFASST, 789.229, DARK CHARCOAL GRAY	0.022 GA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA

**AC Induction Motor Performance Data**

Record # 10126

Typical performance - not guaranteed values

<b>Winding: 35WGY025-R001</b>		<b>Type: 3524M</b>		<b>Enclosure: TEFC</b>	
<b>Nameplate Data</b>			<b>460 V, 60 Hz: High Voltage Connection</b>		
<b>Rated Output (HP)</b>	.75		<b>Full Load Torque</b>	3.4 LB-FT	
<b>Volts</b>	208-230/460		<b>Start Configuration</b>	direct on line	
<b>Full Load Amps</b>	3-2.8/1.4		<b>Breakdown Torque</b>	13 LB-FT	
<b>R.P.M.</b>	1140		<b>Pull-up Torque</b>	10 LB-FT	
<b>Hz</b>	<b>60 Phase</b>	3	<b>Locked-rotor Torque</b>	10.3 LB-FT	
<b>NEMA Design Code</b>	<b>B KVA Code</b>	K	<b>Starting Current</b>	8 A	
<b>Service Factor (S.F.)</b>	1.15		<b>No-load Current</b>	1.05 A	
<b>NEMA Nom. Eff.</b>	<b>77 Power Factor</b>	63	<b>Line-line Res. @ 25°C</b>	26 Ω	
<b>Rating - Duty</b>	40C AMB-CONT		<b>Temp. Rise @ Rated Load</b>	43°C	
<b>S.F. Amps</b>			<b>Temp. Rise @ S.F. Load</b>	51°C	

**Load Characteristics 460 V, 60 Hz, 0.75 HP**

<b>% of Rated Load</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>S.F.</b>
<b>Power Factor</b>	29	42	55	63	70	73	67
<b>Efficiency</b>	60	71	75	77	76	74	76.5
<b>Speed</b>	1190	1180	1170	1155	1145	1130	1150
<b>Line amperes</b>	1.1	1.15	1.3	1.4	1.65	1.85	1.55

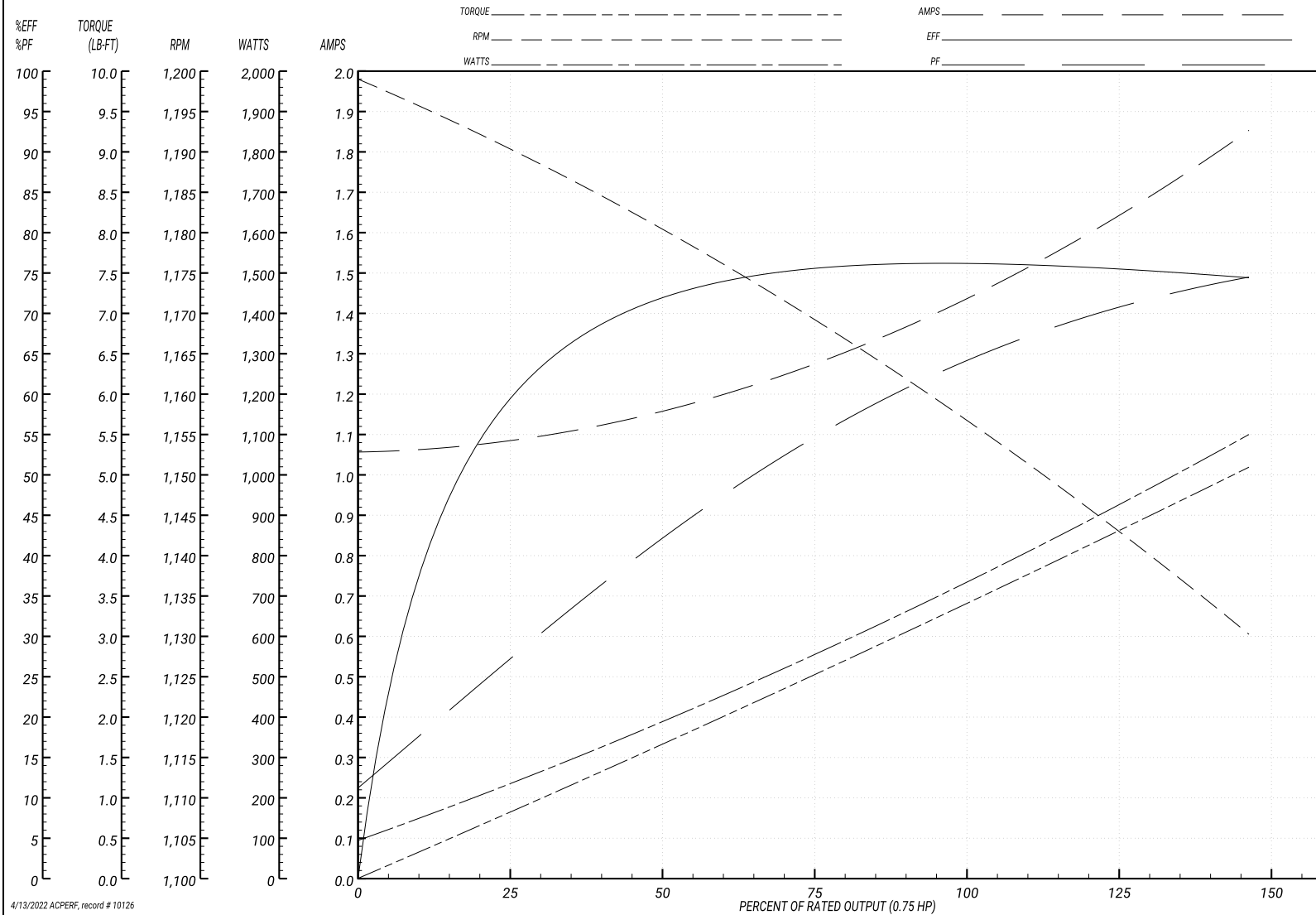
Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values

**BALDOR ELECTRIC COMPANY**

WINDING # 35WGY025

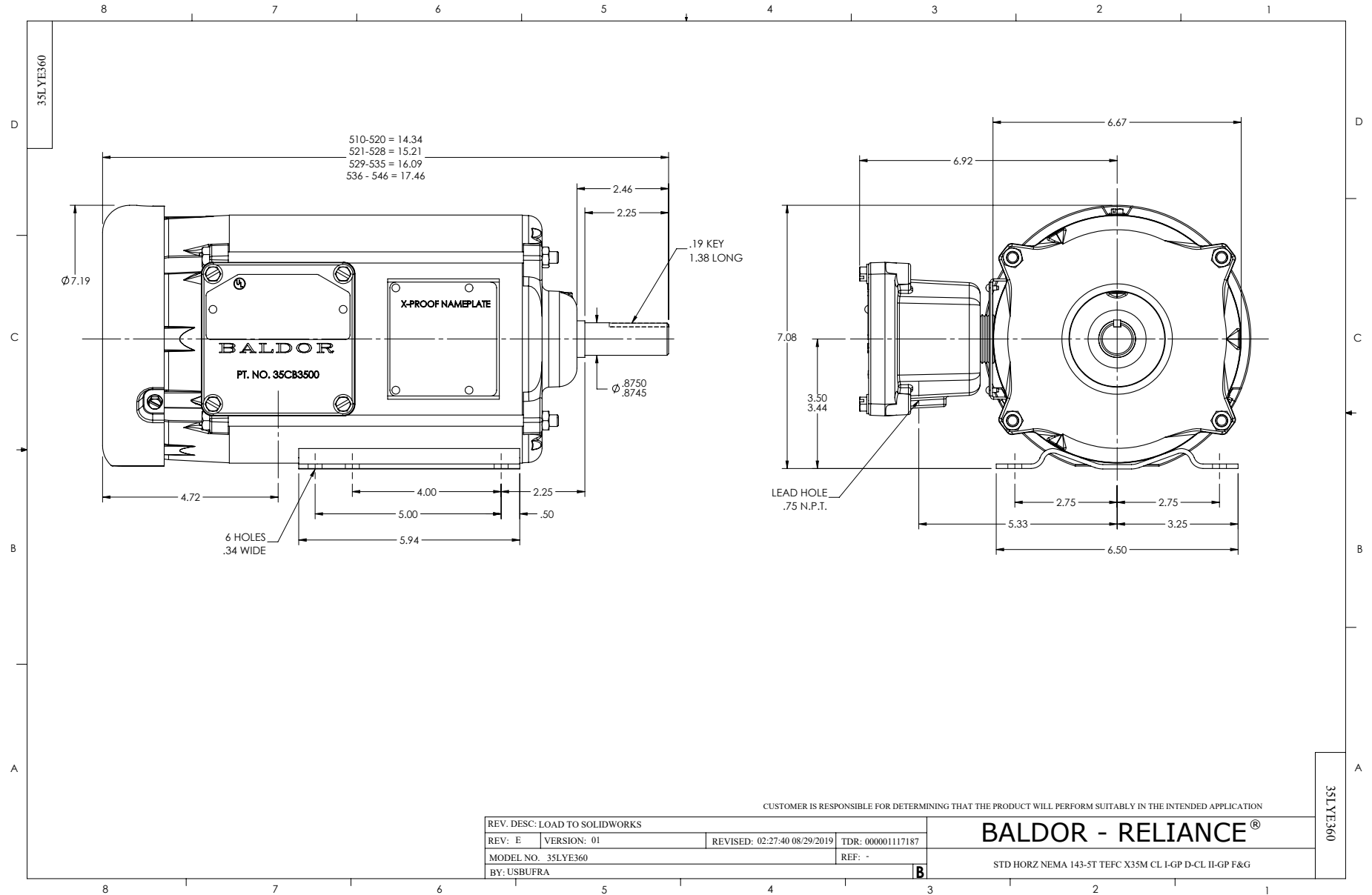
Typical performance - not guaranteed values.

0.75 HP 3 PH 60 HZ 1140 RPM 460 V 3524M  
 TORQUES(LB-FT): PO=13 PU=10 LR=10.3 LRA=8

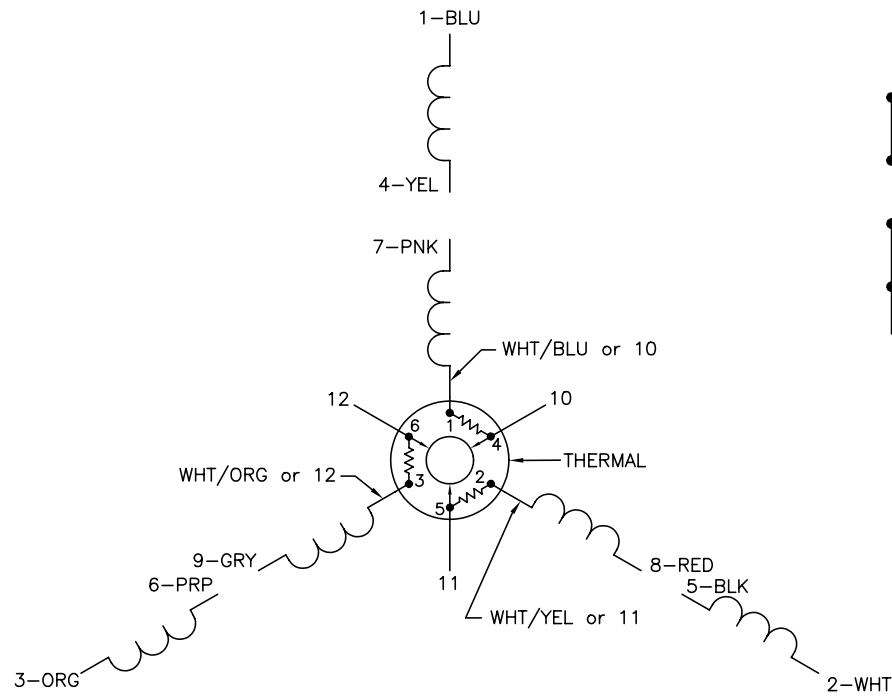


4/13/2022 ACPERF, record # 10126

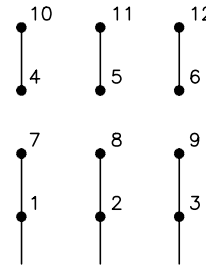




CD0007

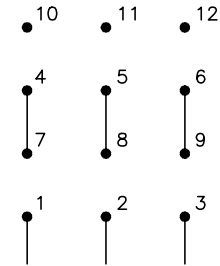


LOW VOLTAGE  
(2Y)



LINE

HIGH VOLTAGE  
(1Y)



LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED "CK" PLANT CODE			
REV. LTR: E	BY: EAH	REVISED: 05/06/99 17:1	TDR: 0181040
L0000		FILE: AAA00008370	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

3PH, DV, THERMAL, 12 LEADS

CD0007

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