

BALDOR® • RELIANCE

Product Information Packet

ECP50508LR-4

500HP,893RPM,3PH,60HZ,5012,A50284M,TEFC

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A50284M	Elec. Spec:	A50WG6991	CD Diagram:	416820-025
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	616158-906
Frame:	5012	Mounting:	F1	Poles:	08	Created Date:	01-23-2015
Base:		Rotation:	R	Insulation:	F	Eff. Date:	03-22-2016
Leads:	3#1 (04 per group) 4824-6-FB					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate 000613007QB

ENERGY EFFICIENT			SERIAL NO.		
CATALOG NO.	ECP50508LR-4		SPEC NO.	A50-1782-6991	
HP	500	RPM	893	FRAME	5012
VOLTS	460	F.L. AMPS	585	HZ	60
NEMA NOM. EFF	95.8	F.L.P.F.	83	PHASE	3
DESIGN	-	NEMA CODE	G	TYPE	
		C RISE/	115	AT	
D.E. BRG.	120RU03M30X26		HP	575	AMPS
WDG. THERMAL	100 OHM PLATINUM		QTY.	6	
LUBE	POLYREX EM				
VOLTS	120	AMPS	2.0	WATTS	236
CERTIFICATE OF COMP NO.	LR53258, CC010A				
	PWM INV=450-900CT, 90-900VT		105C R/RES @500HP. 585A INV		
	NEMA NOM. EFF. = 95.8%				

Nameplate 000692000UY

T. CODE	T3	
CL I DIV 2 GR	C & D	
MOTOR I.D. NO.		CL II DIV 2 GR

Parts List		
Part Number	Description	Quantity
SA292657	SA A50-1782-6991	1.000 EA
RA278765	RA A50-1782-6991	1.000 EA
482406001FB	01 AWG,UL3374,BLACK,600V,BELDEN #37101	89.000 FT
419512002A	ID TAG, ROLL LAC	0.002 RL
041009000GP	TERMINAL LUG, SOLDERLESS, T&B	12.000 EA
041009038J	INT. LEAD LUG- AMP 36948	12.000 EA
001575000BA	N/P LAC	1.000 EA
000692000SC	N/P	5.000 EA
046024000LA	SILVER BRAZING FILLER	479.000 OZ
482406001FB	01 AWG,UL3374,BLACK,600V,BELDEN #37101	24.000 FT
606800016D	RTD LAC	7.000 EA
069306003B	CABLE TIE 14 T&B L14509C	9.000 EA
482413004Y	#4 SLEEVING (GREEN) PER FT	12.000 FT
419512012SG	LABELS, HEAT SHRINK SET	1.000 EA
034692001AB	HCSPP 1/8" PLATED	2.000 EA
616156062R	G30-GP CAP 6222 LOCKED/CONVERSION ENG	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	4.000 EA
035051022AA	BBLCW W-22	1.000 EA
616156059R	INNER CAP BE	1.000 EA
034017013AB	LCKW 5/16 STD. PLATED	4.000 EA
616145012A	THERMAL BARRIER, LAC	1.000 EA
417213019A	CLAMP SPACE HTRS.	4.000 EA
417213019XC	CLAMP SPACE HTRS.	4.000 EA
417213004A	CLAMP	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
067236000FK	SPACE HEATER, LAC	2.000 EA
067236013M	SPACE HEATER	1.000 EA
067236000DU	SPACE HEATER, LAC	1.000 EA
034692001AB	HCSPP 1/8" PLATED	2.000 EA
032018008BK	HHCS 5/16-18X1L PLATED	8.000 EA
034017013AB	LCKW 5/16 STD. PLATED	12.000 EA
032018012BK	HHCS 5/16-16X1-1/2PLATED	4.000 EA
T-0346-51	HALF KEY BALANCE 004600044CJ	1.000 EA
415915007C	GASK, LAC	1.000 EA
041009000FG	T/LUG GRND. STATOR	2.000 EA
032018005DK	HHCS 1/2-13X5/8 PLATED	1.000 EA
034017016AB	LCKW 1/2" PLATED	1.000 EA
482406400FB	4/0 AWG,UL3374,BLACK,600V,BELDEN # 37140	6.000 FT
036150030NA	SKHD SSCR;STAT;BT-G508	3.000 EA
034000016AB	WSHR .531ID 1.062OD .095	1.000 EA
ML4100D02	02 WIRE, LEAD, GRN-XLPE, FT-4	240.000 IN
MP1011A01	4 MIL X 12FT X 100 FT POLYETHYLENE	0.100 RL
034690001AB	SQHDPLG, COND	2.000 EA
419512012S	SHRINK MKR,	1.000 EA
034017013AB	LCKW 5/16 STD. PLATED	4.000 EA
807468084A	BRACKET FE GP	1.000 EA
033102013AB	NUT 5/16-18 PLATED	4.000 EA
034630002AJ	PP CPLG ODE	1.000 EA
032018036CK	HHCS 3/8-16X4-1/2 PLTD.	4.000 EA

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035000001AB	ALFTG CAT.NO.1627-B PLTD	1.000 EA
807473001XBA	FAN COVER GP - FE STD NOISE VIB PRV, ENG	1.000 EA
034530048EB	PP NIPP ODE GRS DR	1.000 EA
034530072BB	PIPE NIPPLE,DE - 440-BS	1.000 EA
034630005AJ	PP CPLG ODE GRS DR	1.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
034017013AB	LCKW 5/16 STD. PLATED	4.000 EA
034000016AB	WSHR .531ID 1.062OD .095	4.000 EA
032130022HB	HXSCHCS BE BRKT- b/s 4/11/14	4.000 EA
035000001F	RELIEF FTG. G/DRN	1.000 EA
417526009A	BRG SPACER - G512 BLANCHARD GRIND	1.000 EA
034600007AB	RED.BSHG.GRS/DRN	1.000 EA
032375004HB	SLRHMS 8-32X1/2 PLATED	2.000 EA
415915001A	GASK, LAC	7.000 FT
417213019D	MTG PLT SP HTR	1.000 EA
482413004Y	#4 SLEEVING (GREEN) PER FT	30.000 FT
482415000A	GREASE (MOBIL POLYREX EM)	2.652 LB
034186031GA	KEY FE FAN - G512	1.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
049843019E	PLTE NNN 049843049WCA	1.000 EA
065774015A	TBRD 180-280	1.000 EA
075458000AF	CONDUIT BOX	1.000 EA
415917004A	N/P	1.000 EA
482406010FS	WIRE #10, SP HTR ORDER BY THE FOOT	24.000 FT
482413003Y	#3 SLEEVING (GREEN)	5.000 FT
032018006AK	HHCS 1/4-20X3/4L PLATED	4.000 EA

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034530040HB	P/NIP 1-1/2X5L PLATED-b/s	1.000 EA
049843019G	PLTE 320 049843048WCA	1.000 EA
071421043G	C/BOX WDG RTD	1.000 EA
032375005HB	RHMS 8-32X5/8L PLATED	4.000 EA
032018007CK	HHCS 3/8-16X7/8L PLATED	4.000 EA
034530040HB	P/NIP 1-1/2X5L PLATED-b/s	1.000 EA
403938056A	GASK, LAC	1.000 EA
403938055A	GASK, TBOX MTG, LAC	1.000 EA
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
041009003F	TERMINAL LUG	2.000 EA
041009004C	T/LUG SP HTR CONN	10.000 EA
032018005CK	HHCS; 3/8X5/8	4.000 EA
705547082R	FAN, LAC	1.000 EA
403938027E	GASK, LAC	1.000 EA
041009003D	T & B LUG (A116)	18.000 EA
803076067A	SPACER TERM.BOX CSA GRD HOLES ENG	1.000 EA
032018016DK	HHCS 1/2-13X2L PLTD.	4.000 EA
709239014B	AIR INLT BAFF FC	1.000 EA
412043012C	PLUG - 210	1.000 EA
406673001E	CAP PLUG	2.000 EA
402558011A	BREATHER-DRAIN	1.000 EA
402558011A	BREATHER-DRAIN	1.000 EA
034690004AB	PPLG 1/2" PLATED	2.000 EA
034690004AB	PPLG 1/2" PLATED	2.000 EA
807474044A	BRACKET INS. ENGLISH	1.000 EA
032018036CK	HHCS 3/8-16X4-1/2 PLTD.	4.000 EA

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035000001AB	ALFTG CAT.NO.1627-B PLTD	1.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 EA
710607005WPA	THRM BARRIER BRKT, LAC	1.000 EA
034530040EB	PP NIPP DE GRS DR	1.000 EA
034630002AJ	PP CPLG ODE	1.000 EA
034630005AJ	PP CPLG ODE GRS DR	1.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
034000012AB	WSHR 1/4 STD. PLATED	4.000 EA
034017016AC	LCKW 1/2 MED.316S.S.	1.000 EA
415915007B	GASK, 46" LAC	1.000 EA
406673001E	CAP PLUG	2.000 EA
032130022HB	HXSCHCS BE BRKT- b/s 4/11/14	4.000 EA
032130012HB	HXSCHCS BE BRKT	1.000 EA
034530064BB	P/NIP 1/4X8 PLATED	1.000 EA
035000001F	RELIEF FTG. G/DRN	1.000 EA
041009000Z	T/LUG LEADS T&B C10-14	2.000 EA
482413004Y	#4 SLEEVING (GREEN) PER FT	2.000 FT
034017012AB	LCKW 1/4 STD. PLATED	4.000 EA
415045002W	SLGR V-RING 4.53-4.92	1.000 EA
034600007AB	RED.BSHG.GRS/DRN	1.000 EA
415916013L	T/BLK S/HTR LAC	2.000 EA
406744033A	CONNECTOR, CABLE	1.000 EA
807470018XE	AIR DEFL B/E BRKT	1.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
419512012SG	LABELS, HEAT SHRINK SET	1.000 EA

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482406010DB	#10 LEAD CABLE	1.000 FT
417311007A	GROUND STUD, BRG.	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	4.000 EA
034691008AB	1 1/2 PIPE PLUG- BIN STOCK	2.000 EA
034690004AB	PPLG 1/2" PLATED	4.000 EA
033101009AE	HXNUT GRD STUD	6.000 EA
ML4100D10	10 WIRE, LEAD, GRN-XLPE, FT-4	240.000 IN
034000016AB	WSHR .531ID 1.062OD .095	1.000 EA
032018006CG	HHCS 3/8-16X3/4 316 S.S.	2.000 EA
032018014DG	HHCS1/2-13X1-3/4 316SS	6.000 EA
032018014CG	HHCS 3/8-16X1-3/4 316S.S	6.000 EA
034000014AC	WSHR 3/8 316 S.S - 320	6.000 EA
034000016AC	WSHR 1/2" 316 S.S.	1.000 EA
034000016AC	WSHR 1/2" 316 S.S.	6.000 EA
034036016AC	EXT TOOTH LCKW 1/2 S.S.	6.000 EA
034036014AB	EX.TOOTH LCKW 3/8 PLTD.	6.000 EA
034036012AC	LCKW 1/4 410 S.S.	6.000 EA
034017014AC	LCKW NO.10 316 S.S.	6.000 EA
034017016AC	LCKW 1/2 MED.316S.S.	6.000 EA
402558011D	DRAIN PLUG	1.000 EA
033004016AD	STUD TERM BOX GRD	2.000 EA
033004016CD	3/8-16 X 2.00 LG. STUD-bs	2.000 EA
033004016DD	1/2-13 X 2.00 LG. STUD	2.000 EA
004793014J	T/LUG GRD-T/BOX redrill 047024000D	1.000 EA
417247001A	THRD STUD,	13.000 EA
033102012AB	NUT 1/4-20 PLATED	12.000 EA

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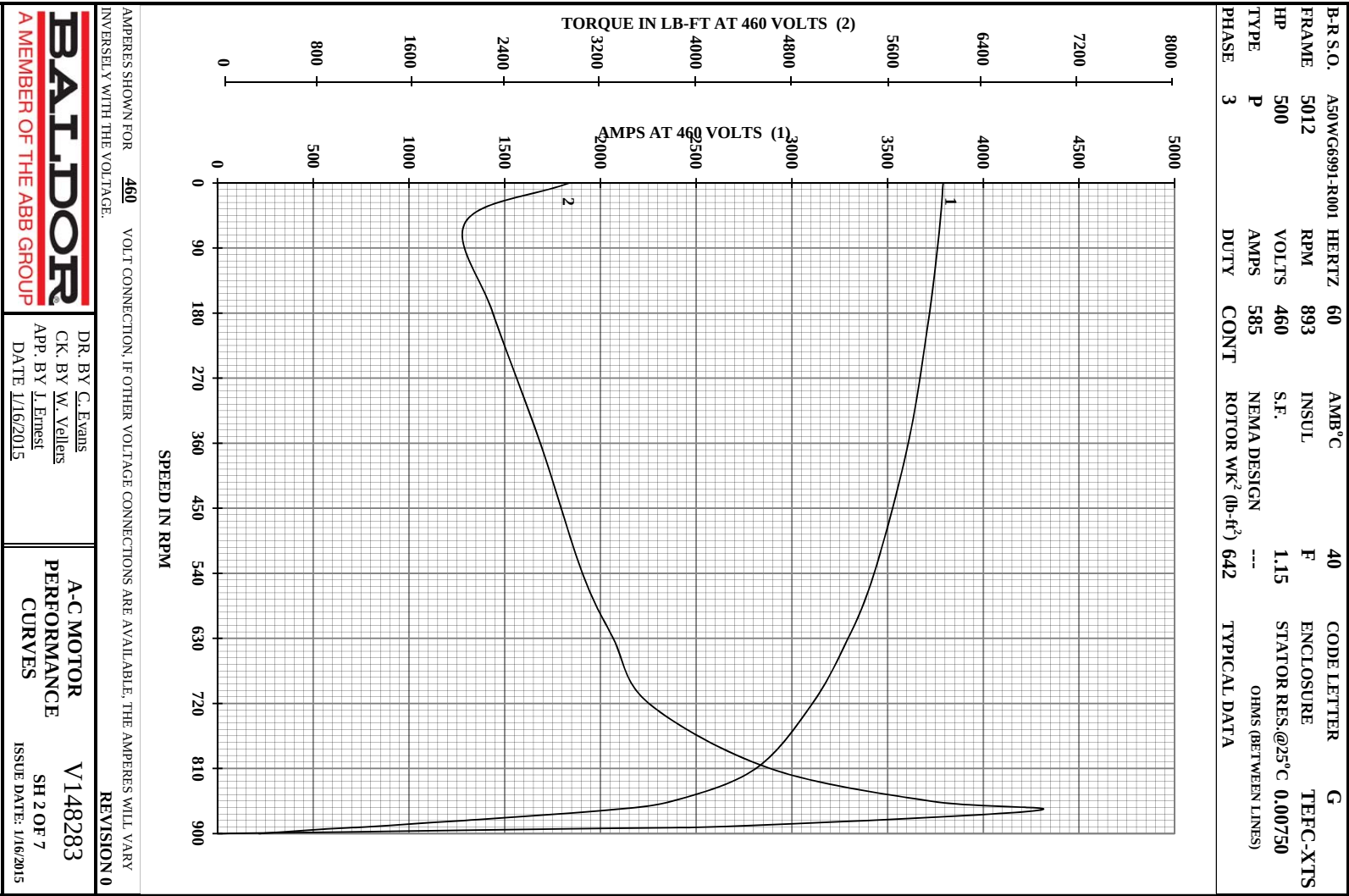
705500119XE	T/BOX FRAME	1.000 EA
705500162XBC	BACKPLATE,T/BOX	1.000 EA
705500006CJ	GASK, TERM BOX, LAC, FRONT COVER	1.000 EA
705500006CJ	GASK, TERM BOX, LAC, FRONT COVER	1.000 EA
705500006CK	GASK, TERM BOX, LAC, BTM. COVER	1.000 EA
404080000F	SEAL	2.000 EA
404080000B	SEAL	6.000 EA
404080000D	WASHER	6.000 EA
032018006DG	1/2-13 X 3/4 HHCS (S	1.000 EA
034017016AB	LCKW 1/2" PLATED	1.000 EA
034017016AC	LCKW 1/2 MED.316S.S.	1.000 EA
032018004DK	HHCS,DRIP COVER	1.000 EA
034000012AC	WSHR 1/4" 316 S.S.	6.000 EA
LB1536	BONDING BOLT	20.000 EA
418199008B	N/P	1.000 EA
041009000RA	T/LUG GRND. STATOR	1.000 EA
033102016AE	HEXNUT,FAN - 449	12.000 EA
033102014AE	NUT 3/8-16 316 S.S.	12.000 EA
033102012AE	NUT 1/4-20/316S.S-449	12.000 EA
033102012AE	NUT 1/4-20/316S.S-449	2.000 EA
048491001F	CLAMP BRG. RTD	10.000 EA
419512004A	LEAD BAND, CABLE	1.000 EA
032018004AB	HHCS 1/4-20X1/2L PLATED	1.000 EA
402558004A	BRDRN- added to b/s 5/31	1.000 EA
419306099A	N/P - MAKE IN ASSEMBLY	1.000 EA
419306099D	N/P - MAKE IN ASSEMBLY	1.000 EA

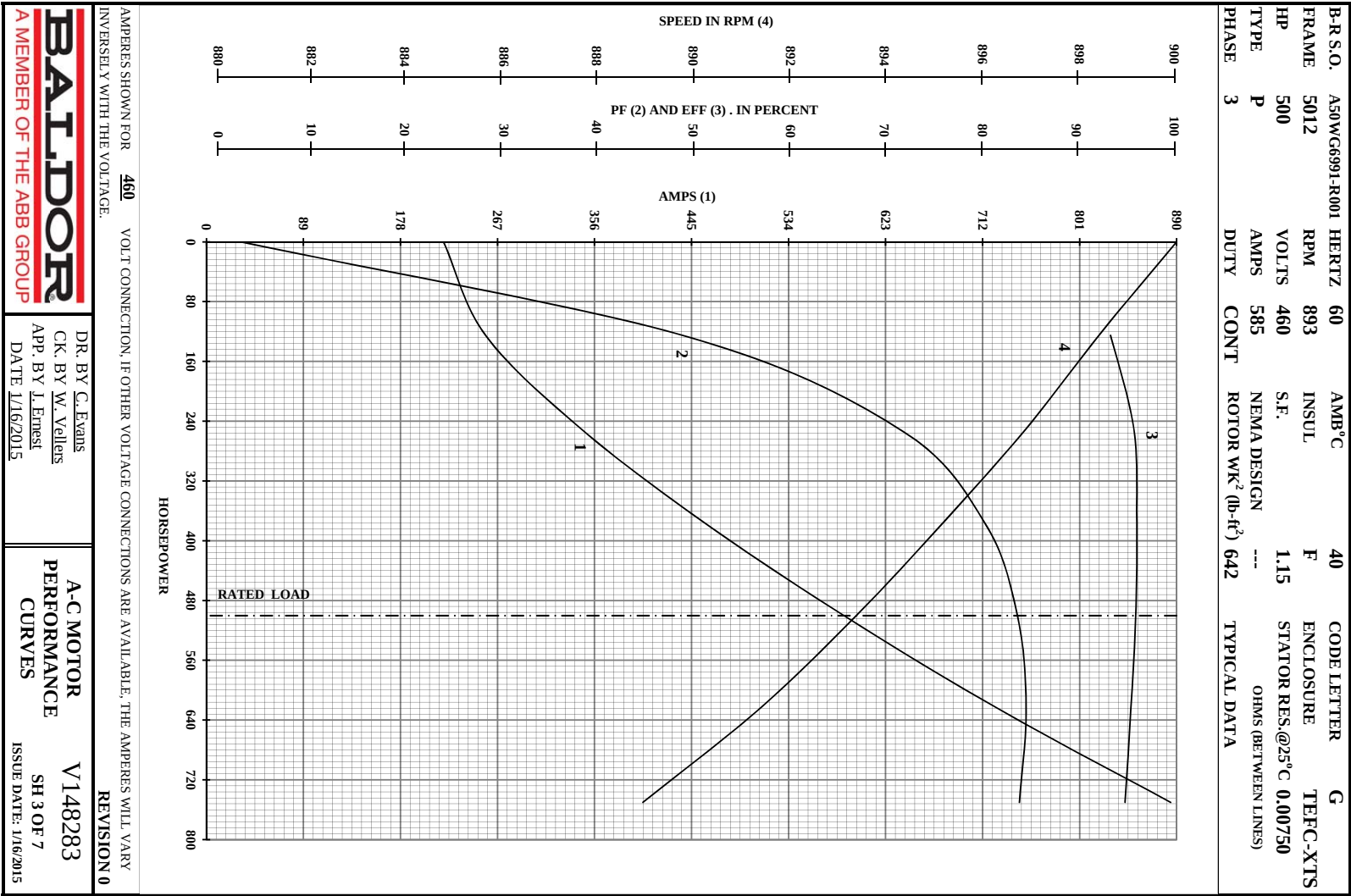
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419306099B	N/P - MAKE IN ASSEMBLY	1.000 EA
034691004AB	1/2 PIPE PLUG	2.000 EA
406673000B	PPLG	1.000 EA
412027034A	SUPPORT(T.B.) - G512	1.000 EA
415917001A	RTD TAG	4.000 EA
415916013C	T/BLK S/HTR LAC	1.000 EA
034691009AB	2 PIPE PLUG-GO510	1.000 EA
041009000Z	T/LUG LEADS T&B C10-14	12.000 EA
041009000AA	T/LUG GRD-T/BOX	12.000 EA
041009000T	TERMINAL LUG	24.000 EA
075459000A	C/BOX CVR W75459	1.000 EA
032130006AB	HSHCS 1/4-20X3/4L PLTD.	2.000 EA
065564000A	GASKET	1.000 EA
071422000A	C/BOX W 071422000	1.000 EA
047993000B	GASKET LAC	1.000 EA
032130007AB	HXSCHCS C/B CVR-449	10.000 EA
482418000L	SEALANT SILICONE	5.050 OZ
ML4100D10	10 WIRE, LEAD, GRN-XLPE, FT-4	120.000 IN
ML4100D02	02 WIRE, LEAD, GRN-XLPE, FT-4	120.000 IN
032018004AG	HHCS 1/4-20X1/2 316 S.S.	10.000 EA
PK5006A08	WOOD BASE SHIPPING BASE G5012	1.000 EA
034180064LA	KEY DRV END EXT	1.000 EA
000613007QB	SS DUTY MASTER CSA-C US	1.000 EA
PK4110A11	SHAFT BLOCKING	1.000 EA
406255092A	NAME PLATE (PURCH)	1.000 EA
LB1532	BALDOR LABEL, 12.00 LONG X 2.00 HIGH	2.000 EA

406255394A	N/P	1.000 EA
000692000EF	CAUTION LABEL	1.000 EA
000692000EP	N/P LAC	2.000 EA
MG1025N19	WILKOFAS, 778.50, RELIANCE BLUE-GREEN	1.000 GA
609911003A	NAMEPLATE SUPPORT	1.000 EA
033775004EA	DRSCR #6-1/4 304 S.S.	10.000 EA
000692000CL	N/P	1.000 EA
000692000FR	WARNING, HIGH VOLTAGE LABEL	1.000 EA
406255121B	N/P	1.000 EA
406991001SL	INSTRUCTION MANUAL	1.000 EA
000692000UY	N/P	1.000 EA

BALDOR-RELIANCE	FRAME	HP	TYPE	PHASE	HERTZ	RPM
SALES ORDER						
A50WG6991-R001	5012	500	P	3	60	893
VOLTS	AMPS	DUTY	AMB°C	INSUL	S.F.	NEMA DESIGN
460	585	CONT	40	F	1.15	---
CODE LETTER	ENCL.	ROTOR WK ² (lb-ft ²)	STATOR RES. @25°C OHMS (BETWEEN LINES)	TYPICAL DATA		
G	TEFC-XTS	642	0.00750			
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	217.6	900	3.6	0.0	
1/4	125	256.2	898	49.1	93.2	
2/4	250	343.7	897	71.4	95.6	
3/4	375	456.2	895	80.2	95.9	
4/4	500	584.8	893	83.6	95.8	
5/4	625	726.7	891	84.5	95.3	
6/4	750	884.7	889	83.8	94.7	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB-FT	AMPERES		
LOCKED ROTOR	0	100	2939	3791.1		
PULL UP	54	71	2073	3775.4		
BREAKDOWN	868	236	6925	2020.4		
FULL LOAD	893	100	2939	584.8		
AMPERES SHOWN FOR <u>460</u> VOLT CONNECTION(S). IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE VOLTAGE.						
REVISION 0						
BALDOR A MEMBER OF THE ABB GROUP		DR. BY C. Evans CK. BY W. Valles APP. BY J. Finest DATE 1/16/2015		A-C MOTOR PERFORMANCE DATA V148283 SH 1 OF 7 ISSUE DATE: 1/16/2015		





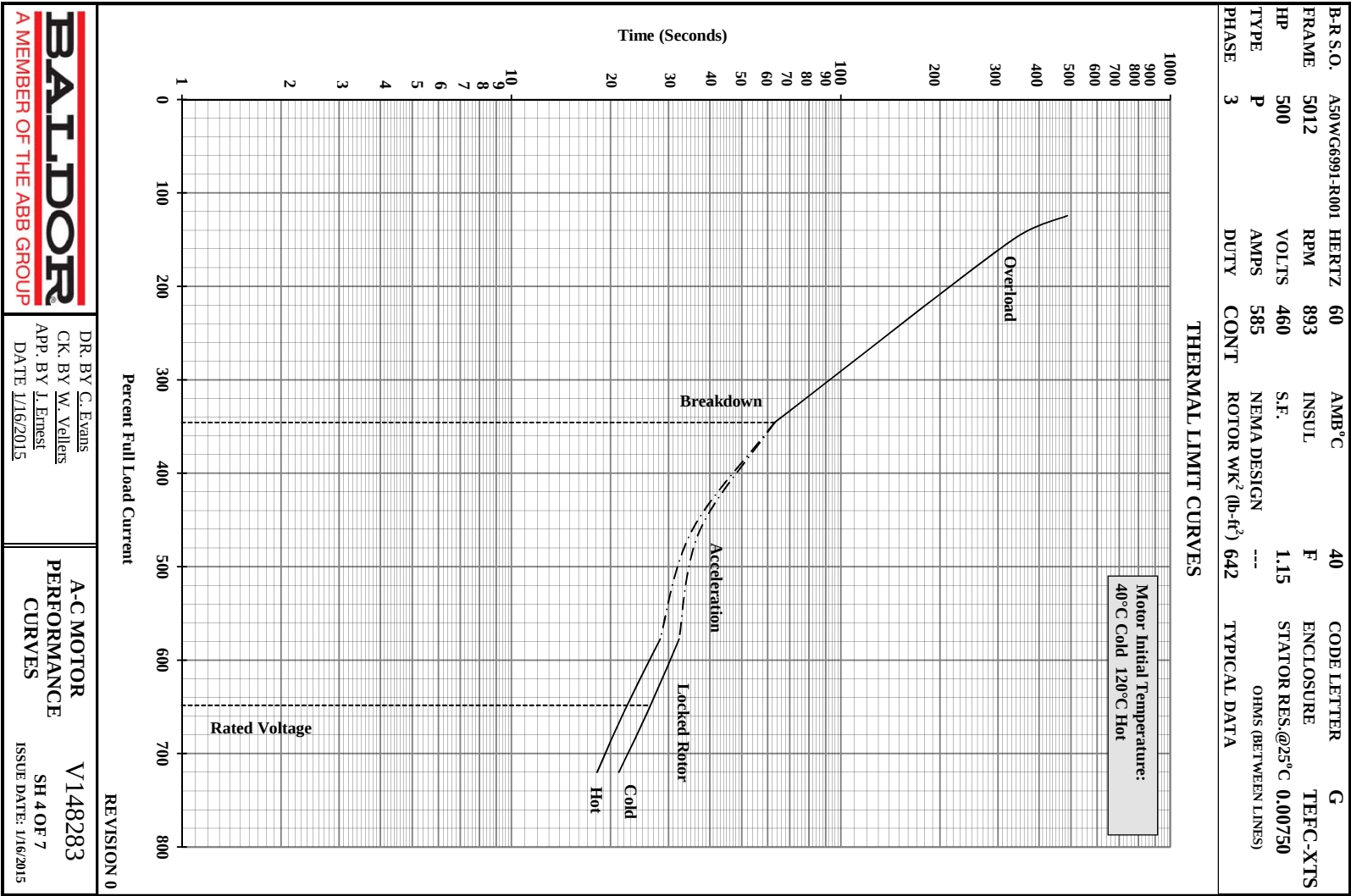
AMPERES SHOWN FOR **460** VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE VOLTAGE.

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DR. BY C. Evans
CK. BY W. Vellies
APP. BY J. Ernest
DATE 1/16/2015

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V148283
SH 3 OF 7
ISSUE DATE: 1/16/2015

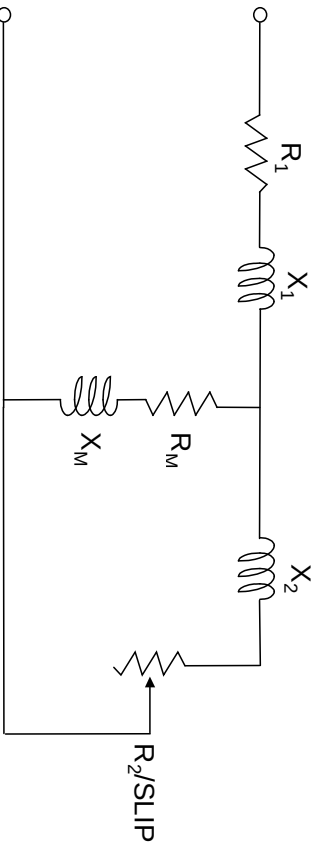


B-R.S.O.	A50WCG6991-R001	HERTZ	60	AMB °C	40	CODE LETTER	G
FRAME	5012	RPM	893	INSUL.	F	ENCLOSURE	TEFC-XTS
HP	500	VOLTS	460	S.F.	1.15	STATOR RES.@25°C	0.00750
TYPE	P	AMPS	585	NEMA DESIGN	---	OHMS (BETWEEN LINES)	
PHASE	3	DUTY	CONT	ROTOR WK ² (lb-ft ²)	642	TYPICAL DATA	

EQUIVALENT CIRCUIT DATA

(Per Unit, Per Phase)

FULL LOAD				LOCKED ROTOR			
R_1	0.00864	X_1	0.09212	R_1	0.00698	X_1	0.06882
R_2	0.00617	X_2	0.10477	R_2	0.01686	X_2	0.05241
R_m	0.05780	X_m	2.09729	R_m	0.18439	X_m	1.91693
BASE OHMS			0.56700	BASE VOLTS			266
SC Time Constant			0.052 Sec	$X'' = X_s$			0.12123
OC Time Constant			0.947 Sec	X/R Ratio			11.69



Parallel Equivalent

FL R_m' pu	76.15858	LR R_m' pu	20.11291
FL X_m' pu	2.09888	LR X_m' pu	1.93467

R_1 = Stator dc resistance
 R_2 = Rotor resistance
 R_m = Core loss resistance
 SC = Short circuit
 OC = Open circuit
 X_1 = Stator leakage reactance
 X_2 = Rotor leakage reactance
 X_m = Magnetizing reactance
 FL = Full load
 LR = Locked rotor

 $X'' = X_s$ = Subtransient reactance

REVISION 0

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APP. BY J. Ernest
DATE 1/16/2015

A-C MOTOR
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V148283
SH 5 OF 7
ISSUE DATE: 1/16/2015

B-R.S.O.	A50WG6991-R001	HERTZ	60	AMB °C	40	CODE LETTER	G
FRAME	5012	RPM	893	INSUL.	F	ENCLOSURE	TEFC-XTS
HP	500	VOLTS	460	S.F.	1.15	STATOR RES.@25°C	0.00750
TYPE	P	AMPS	585	NEMA DESIGN	---	OHMS (BETWEEN LINES)	
PHASE	3	DUTY	CONT	ROTOR WK ² (lb-ft ²)	642	TYPICAL DATA	

Recommended Winding and Bearing Temperatures

Stator Winding	Class B	Class F
Maximum Running Total Temperature	130 °C	155 °C
Alarm Total Temperature	135 °C	160 °C
Trip Total Temperature	145 °C	170 °C
Sleeve Bearings - Oil Lubricated	Bearing	Oil
Typical Running Total Temperature	93 °C	60 °C
Alarm Total Temperature	96 °C	70 °C
Trip Total Temperature	98 °C	75 °C
Anti-Friction Bearings - Grease Lubricated	Bearing	Grease
Typical Running Total Temperature	90 °C	80 °C
Alarm Total Temperature	110 °C	100 °C
Trip Total Temperature	120 °C	110 °C

Recommended Vibration Settings for Standard Motors

Speed (rpm)	Shaft Vibration (mils)		Bracket Vibration (mils)	
	Alarm	Shutdown	Alarm	Shutdown
3600	2.50	3.00	1.00	1.50
1800	3.00	3.50	2.00	2.50
1200	3.00	3.50	2.00	2.50
900 & Lower	3.00	3.50	2.00	2.50
Bracket Vibration (in/sec pk)				
			Alarm	Shutdown
All Speeds			0.20*	0.30*

* 0 to 1000 Hz Spectrum

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CK. BY W. Vellies
APP. BY J. Ernest
DATE 1/16/2015

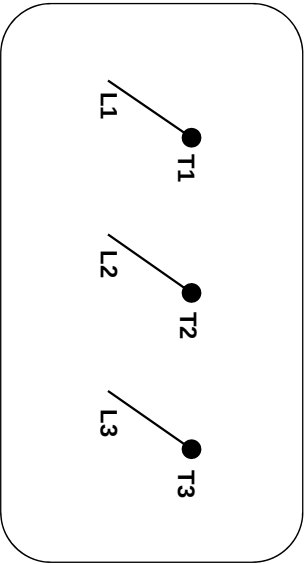
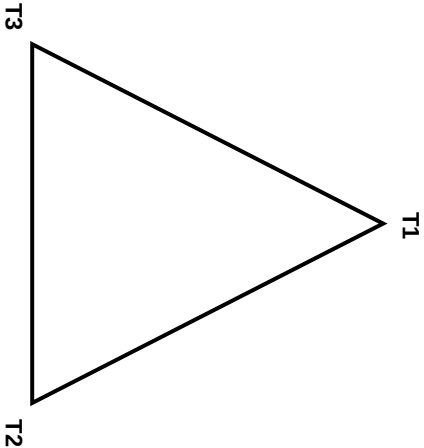
A-C MOTOR
PERFORMANCE
CURVES

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ISSUE DATE: 1/16/2015

B-R S.O.	A50WG6991-R001	HERTZ	60	AMB°C	40	CODE LETTER	G
FRAME	5012	RPM	893	INSUL.	F	ENCLOSURE	TEFC-XTS
HP	500	VOLTS	460	S.F.	1.15	STATOR RES.@25°C	0.00750
TYPE	P	AMPS	585	NEMA DESIGN	---	OHMS (BETWEEN LINES)	
PHASE	3	DUTY	CONT	ROTOR WK² (lb-ft²)	642	TYPICAL DATA	

A-C MOTOR
CONNECTION DIAGRAM

STANDARD 3 LEAD DELTA CONNECTED



(N.P. 1575-BA)

REVISION 0

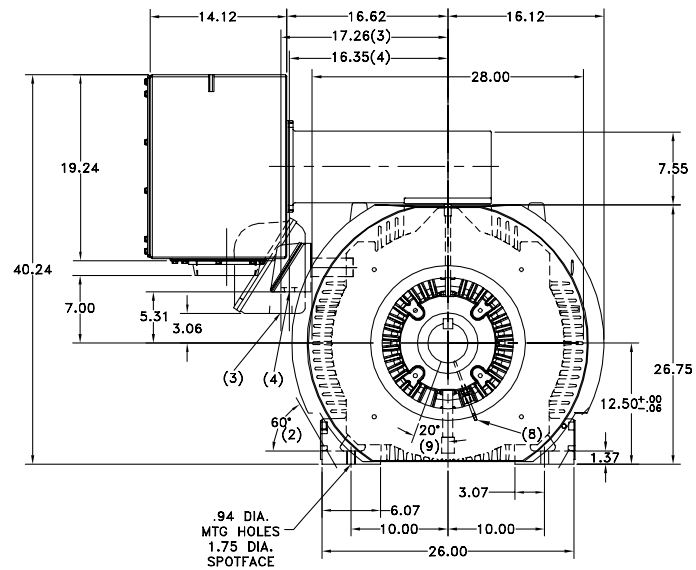
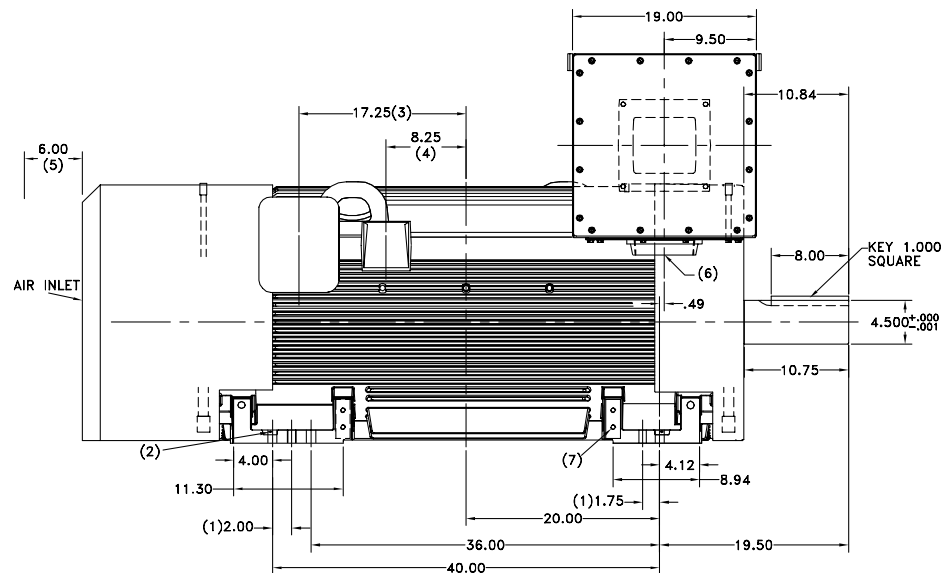
BALDOR A MEMBER OF THE ABB GROUP	DR. BY C. Evans CK. BY W. Vellies APP. BY J. Ernest DATE 1/16/2015	A-C MOTOR PERFORMANCE CURVES	V148283 SH 7 OF 7 ISSUE DATE: 1/16/2015
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DUTY MASTER ALTERNATING CURRENT MOTORS

ENCLOSURE: TOTALLY ENCLOSED & XT
MOUNTING: FOOT

SQUIRREL-CAGE INDUCTION
1800 RPM MAX
FRAME G5012Y (BELTED DUTY)
INCLUDES 5011 FRAME MOUNTING HOLES

COOLING: FAN COOLED
ANTI-FRICTION BEARINGS
ENGLISH HARDWARE
OVERSIZE CONDUIT BOX



- 1) (4) 3/4"-10 JACKSCREW HOLES.
- 2) 11/32" W/32 MM PILOT HOLES, 1 EACH FOOT.
- 3) 2.0" N.P.T. FOR WINDING TEMPERATURE DETECTOR LEADS.
- 4) 3/4" N.P.T. FOR MOTOR SPACE HEATER LEADS.
- 5) WALL OR OBSTRUCTION MUST NOT ENCRATCH ON AIR INLET SPACE.
- 6) 6.0" N.P.T. FOR MOTOR POWER LEADS.
- 7) TWO GROUND PADS DIAGONALLY OPPOSITE EACH OTHER WITH TWO 1/2"-13 TAPPED HOLES IN EACH.
- 8) DRIVE END GROUND PROBE.
- 9) 1/8" N.P.T. PROVISIONS FOR BEARING TEMPERATURE DETECTOR.

ALL DIMENSIONS ARE IN INCHES

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

REV. DESC: REVISED TO NEW COST REDUCED CONDUIT BOX.		
REV. LTR: B	VERSION: 02	TDR: 000001000863
FILE: \RSN\00030\215	REVISED: 01:35:44 10/18/2016	BY: RSNKGW
MTL: -		

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2 MOUNTING IS SPECIFIED.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF SHAFT IS
.003 TIR.

MAXIMUM WEIGHT = 6500 LBS.

BALDOR

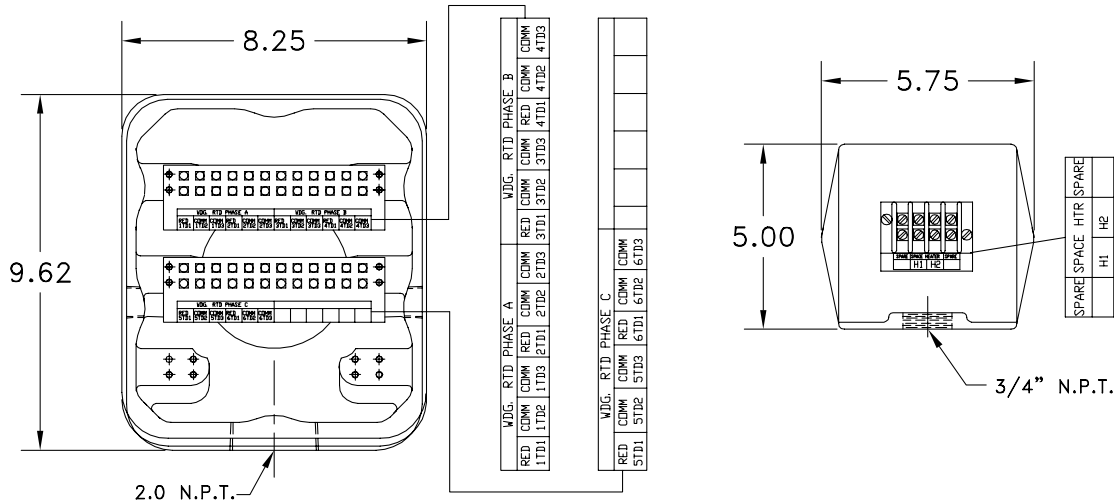
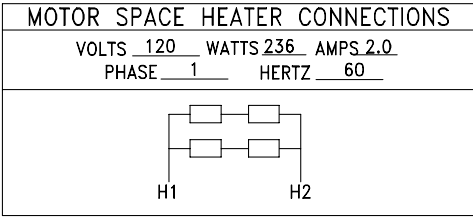
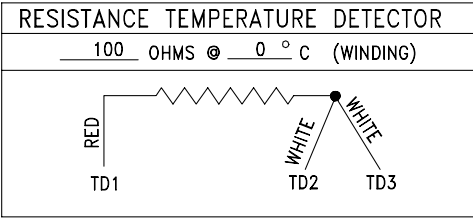
G5012,TEFC,S/N,BLTD,1800,A/F,F1,19X19X12,U=4.500,XBA=19.50

SH 1 of 2

616158-906

AUXILIARY CONNECTION DIAGRAM

VIEWS SHOWN WITHOUT COVERS



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.			BALDOR	
REV. DESC: REVISED TO NEW COST REDUCED CONDUIT BOX.	VERSION: 02	TDR: 000001000863	G5012,TEFC,S/N,BLTD,1800,A/F,1,19X19X12,U=4.500,XBA=19.50	
REV. LTR: B	FILE: \RSN\00030\215	REVISD: 01:36:03 10/18/2016	BY: RSNKWW	SH 2 of 2
MTL: -				

906-851919

