

PRODUCT INFORMATION PACKET



Model No: A6T34XK26A

Catalog No: 119442.00

..2HP..3600RPM.56C.EPFC.230/460V.3PH.60HZ.CONT.40C.1.00SF.RIGID C FACE.....GENERAL
PURPOSE.AUTO.....

Explosion Proof



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REGAL

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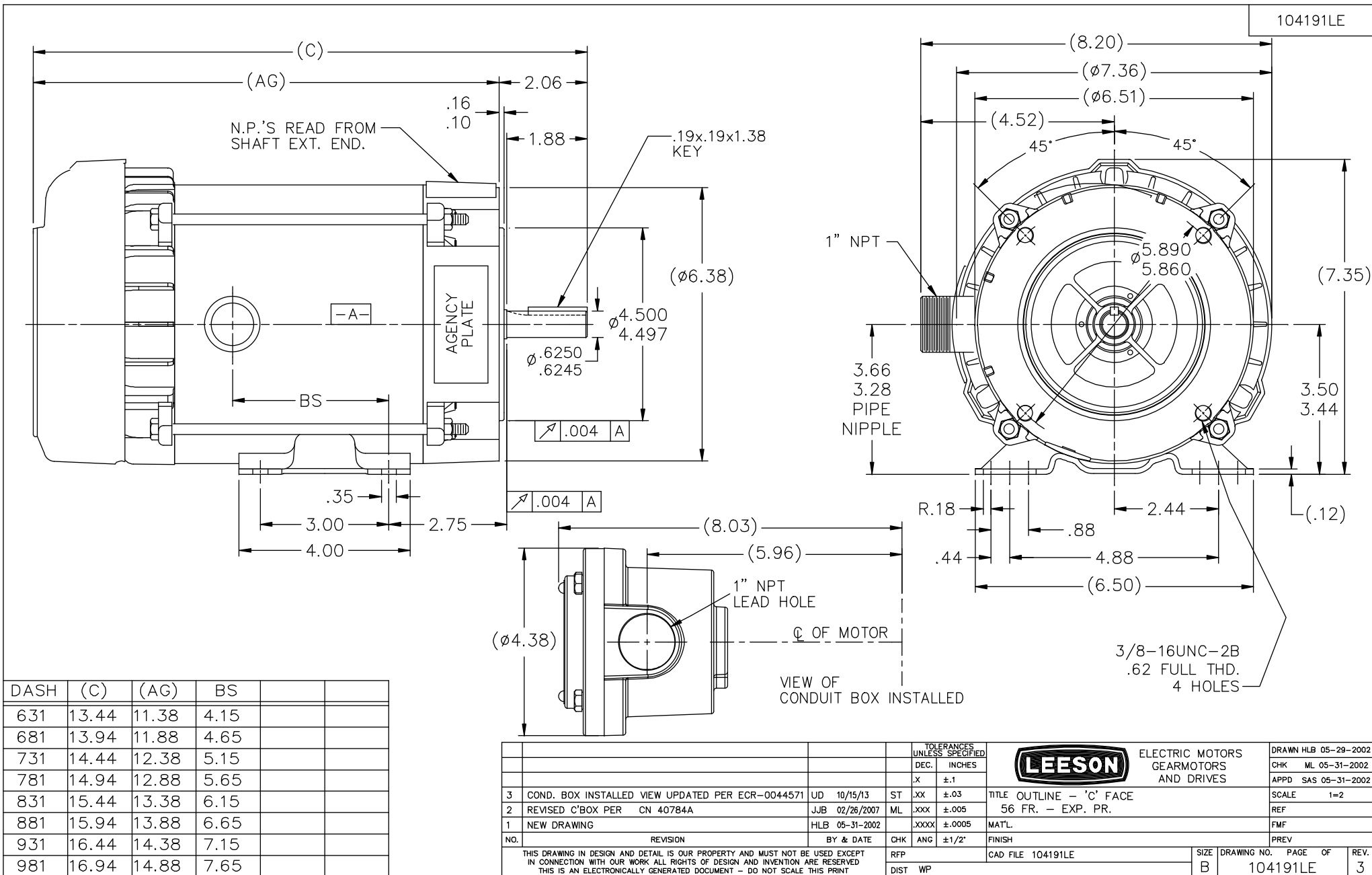
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	5.0/2.5 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	85.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	K	Frame	56C
Enclosure	Explosion Proof Fan cooled	Overload Protector	Automatic
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	54		

Technical Specifications

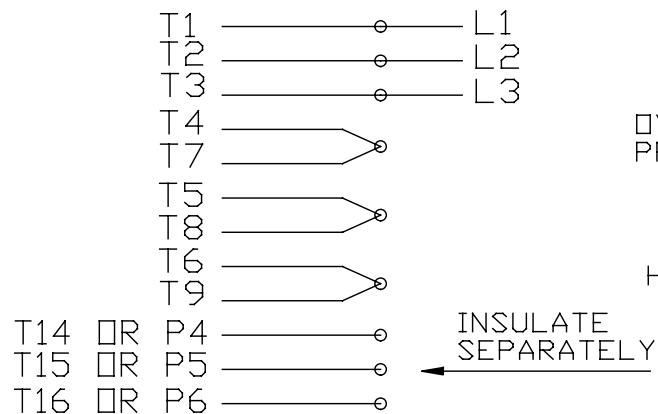
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	16.44 in	Frame Length	9.31 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	B-104191LE-931	Connection Diagram	EE7335

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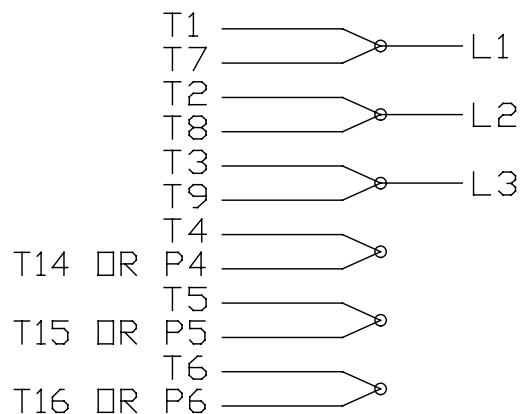


EE7335

HIGH VOLTAGE CONNECTIONS



LOW VOLTAGE CONNECTIONS



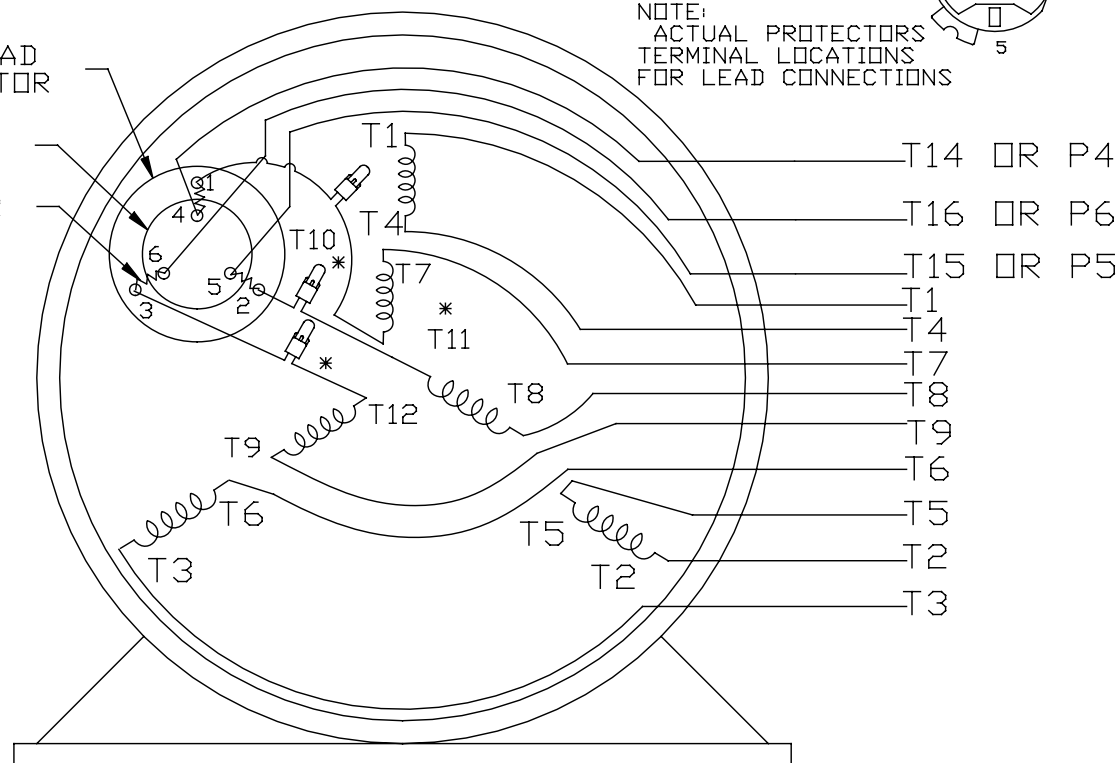
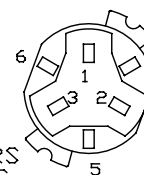
THREE PHASE - DUAL VOLTAGE MOTOR WITH OVERLOAD PROTECTOR

OVERLOAD PROTECTOR

DISC

HEATER

NOTE:
ACTUAL PROTECTORS
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS



VIEW OF TERMINAL END

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

T2K
T4D
T6AN

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN KL 08-09-1993	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2*		CHK	ML 08/10/1993
17	CHANGED LOGO FROM MARATHON TO REGAL	KIR 02/16/16	AB	DEC.	INCHES	TITLE CONNECTION DIAGRAM 3Ø-DUAL VOLT WITH OVERLOAD PROTECTOR	APPD	GK 08/10/1993
16	PRESSURE CONNECTORS QUANTITY WAS 6	PVR 10/29/13	GR	.X	±.1		SCALE	1=1
15	PRESSURE CONNECTORS ADDED	GR 03/04/13	SR	.XX	±.01		REF	
14	ADDED ACTUAL PROCECTOR VIEW CN 17481	KL 05/18/94		.XXX	±.005		FMF	
13	REDRAWN IN AUTO CAD	KL 08/11/93		.XXXX	±.0005	MAT'L.	PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT		RFP	CAD FILE		EE7335	SIZE	DRAWING NO.	REV.
		DIST				A	EE7335	17

DATA VOLTS: 460

TYPICAL MOTOR PERFORMANCE DATA

SUPPLEMENTAL INFORMATION

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
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1/17/2018

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Data Sheet

Date: 1/17/2018

119442.00



Data @ 460 V

Motor Load Data

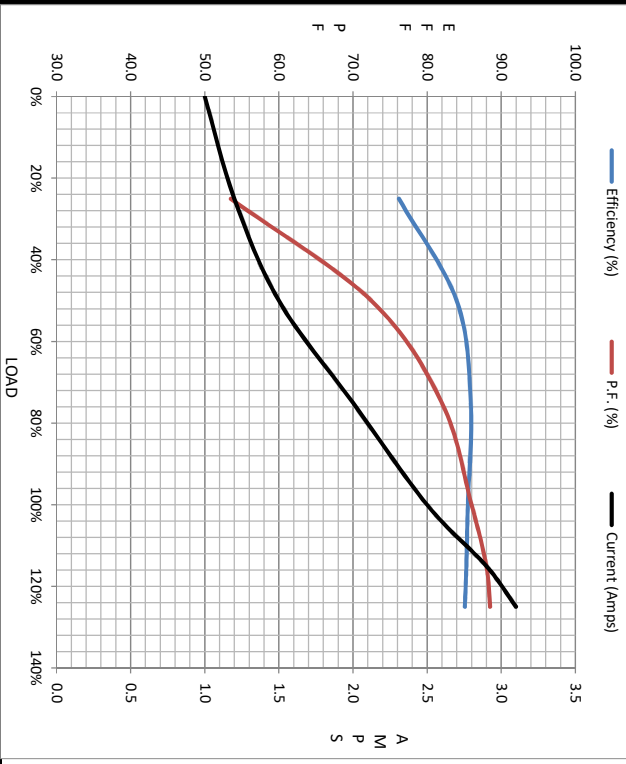
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.00	1.20	1.50	2.00	2.50	2.90	3.1	21.7
Torque (ft-lb)	0.00	0.74	1.48	2.23	3.0	3.5	3.8	9.5
RPM	3600	3575	3550	3525	3500	3485	3470	0
Efficiency (%)		76.2	84.0	85.9	85.5	85.3	85.1	
P.F. (%)	20.0	53.5	72.5	82.0	86.0	88.0	88.5	42.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1500	2615	3500	3600
Current (Amps)	21.7	20.5	14.5	2.50	1.00
Torque (ft-lb)	9.5	9.4	12.2	3.0	0.00

Information Block

HP	2.0
Sync. RPM	3600
Frame	145
Enclosure	EPFC
Construction	TFR
Voltage	230/460#200/400 V
Frequency	60 Hz
Design	B
LR Code letter	K
Service Factor	1.15
Temp Rise @ FL	36 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk ²	0.07 Lb-Ft ²
Ret Wdg	Z12142 R6
Sound Pressure @ 1M	69 dBA
VFD Rating	NONE
Outline Dwg	B-104191LE-931
Conn. Diag	EE7335
Additional Specifications:	
0	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
4.4020	3.1240
X1	X2
6.5320	5.5380
Xm	208.7/400



Speed -Torque Curve

