PRODUCT INFORMATION PACKET

Model No: CZ6T17UK3B

Catalog No: 119523.00

2HP..1745RPM.56C.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C FACE.CZ6T17WK53.....STAINLESS ENCAPSULATED.NONE.....

Encapsulated

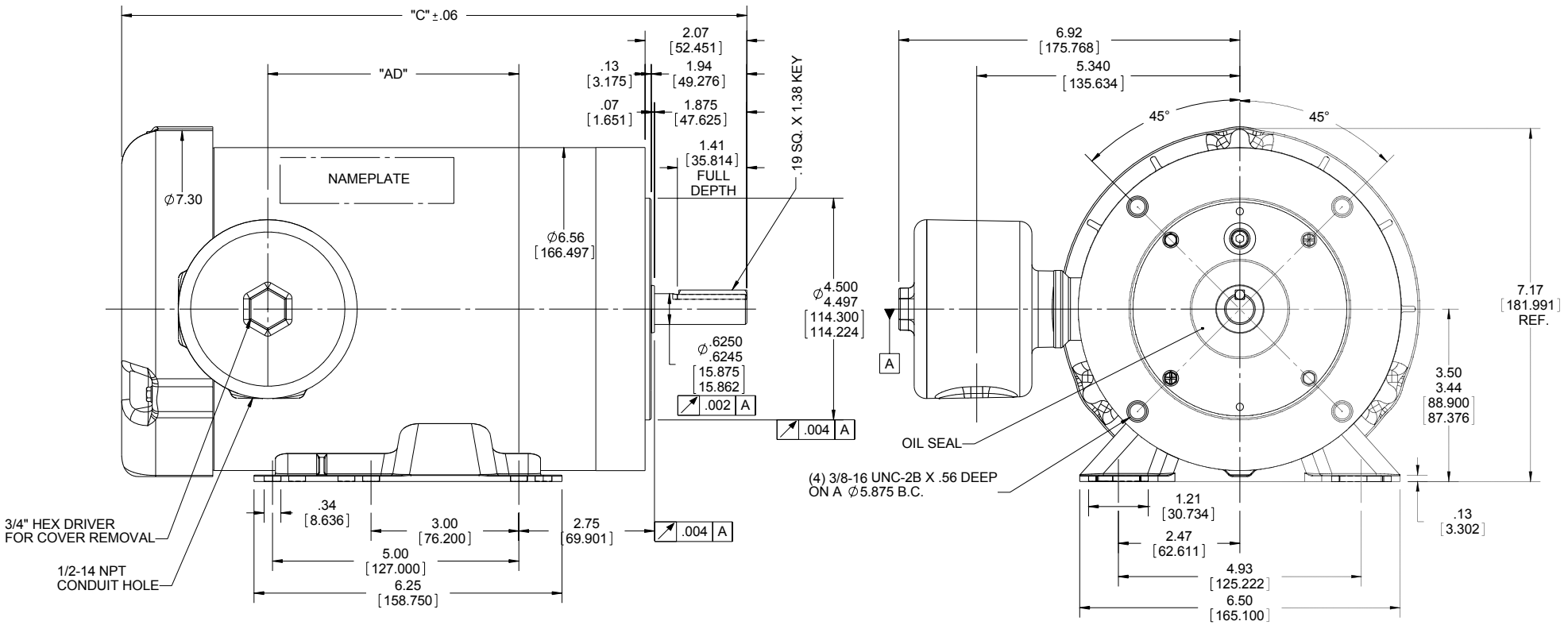
Product Information Packet: Model No: CZ6T17UK3B, Catalog No:119523.00 2HP..1745RPM.56C.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C FACE.CZ6T17WK53.....STAINLESS ENCAPSULATED.NONE.....

Nameplate Specifications

Output HP	**2 Hp**	Output KW	**1.5 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**6.0-5.8/2.9 A**	Speed	**1745 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**86.5 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**L**	Frame	**56HC**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6205**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**69**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Stainless Steel**	Shaft Type	**T**
Overall Length	**13.19 in**	Frame Length	**8.25 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.87 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**028896-825**	Connection Diagram	**005010.52**



DASH NO.	"C"	"AD"
750	12.44	4.81
775	12.69	5.06
825	13.19	5.56

ORACLE REV	01

DRAWING REVISION	REVISION BY	DATE
D	LK	11/25/2015
ECO	APPROVED BY	DATE
ECO-0089536	GRB	11/25/2015

ECO DESCRIPTION
ADDED DASH #825 PER NMR-0088626

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381]
CORNER FILLETS: .02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	LST 10/25/08
DATE	
APPROVED BY	
DATE	
REFERENCE	
THIRD ANGLE PROJECTION	

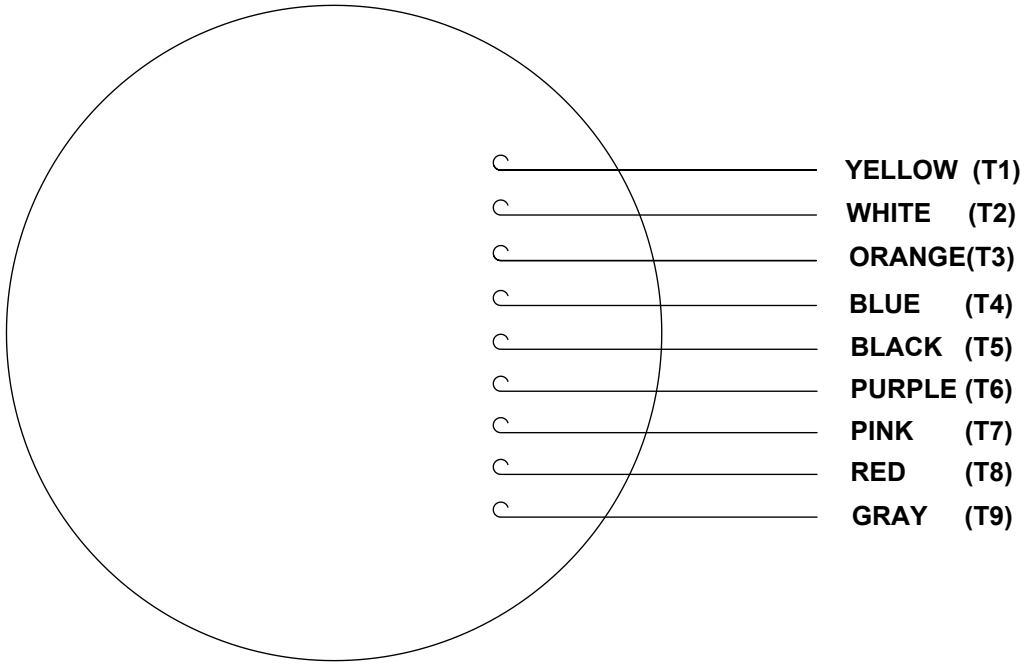
Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
TEFC - RIGID "C"

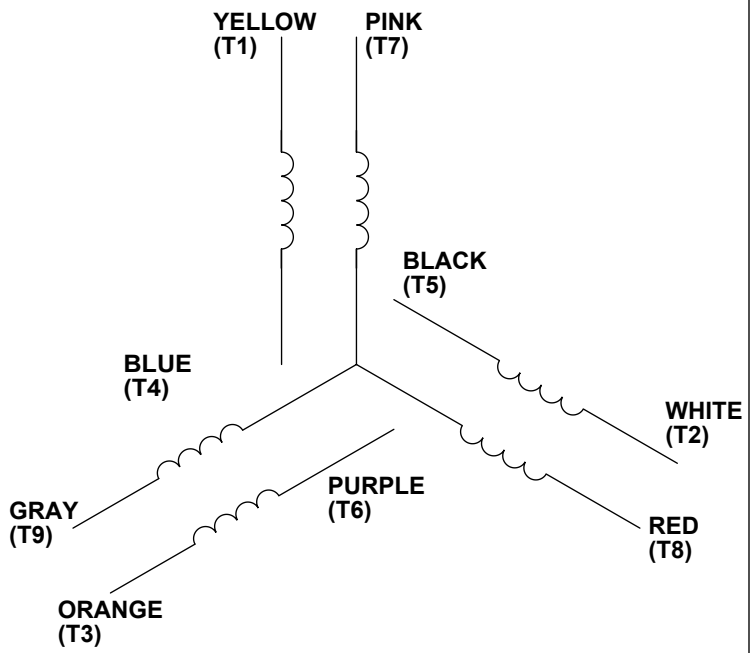
MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	028896	1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

DRAWING REVISION	REVISION BY	DATE
C	PVR	04/23/14
ECO	APPROVED BY	DATE
ECO-0049985	JD	04/23/14

ECO DESCRIPTION
UPDATED PER ECO-0049985

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381]
CORNER FILLETS: .02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	LST
DATE	4/3/14
APPROVED BY	
DATE	
PROCESS/FINISH	
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.

DESCRIPTION
LEAD ASSY
EXT. WIRING DIA. 3 PH. W/O PROT.

MATERIAL

SIZE	DRAWING NUMBER	SHEET
A	00501052	1 OF 1

Data Sheet

Date: 1/30/2018

119523.00

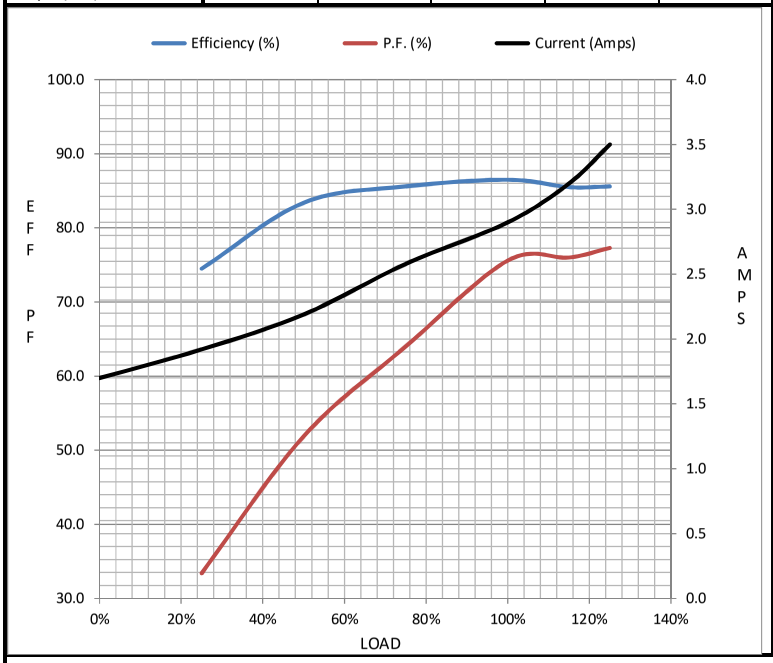
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.70	1.92	2.19	2.58	2.90	3.2	3.5	26.5	
Torque (ft-lb)	0.00	1.50	3.0	4.5	6.0	6.5	7.5	18.8	
RPM	1800	1787	1774	1763	1751	1,730	1732	0	
Efficiency (%)		74.5	83.4	85.6	86.5	85.5	85.6		
P.F. (%)	7.1	33.4	51.9	64.0	75.6	76.0	77.3	42.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	775	1085	1751	1800
Current (Amps)	26.5	24.4	14.2	2.90	1.70
Torque (ft-lb)	18.8	15.0	24.6	6.0	0.00



Information Block

HP	2.0	
Sync. RPM	1800	
Frame	140	
Enclosure	TEFC	
Construction	TFR	
Voltage	208-230/460#190/380	V
Frequency	60	Hz
Design	A	
LR Code letter	L	
Service Factor	1.15	
Temp Rise @ FL	53	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.16	Lb-Ft²
Ref Wdg	T634340 FR	
Sound Pressure @ 1M	65	dBA
VFD Rating	CONSTANT 6:1	
Outline Dwg	028896-825	
Conn. Diag	005010.52	

Additional Specifications:

0

0

EQUIV CKT (OHMS / PHASE)

R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

Speed -Torque Curve