

PRODUCT INFORMATION PACKET



Model No: C6T17DK33B

Catalog No: E116763.00

E116763.00..1HP..1760RPM.56C.DP.230/460V.3PH.60HZ.CONT.40C.1.25SF.RIGID C
FACE.C6T17DK33.....GENERAL PURPOSE.NOT.....

Open Drip Proof (ODP)



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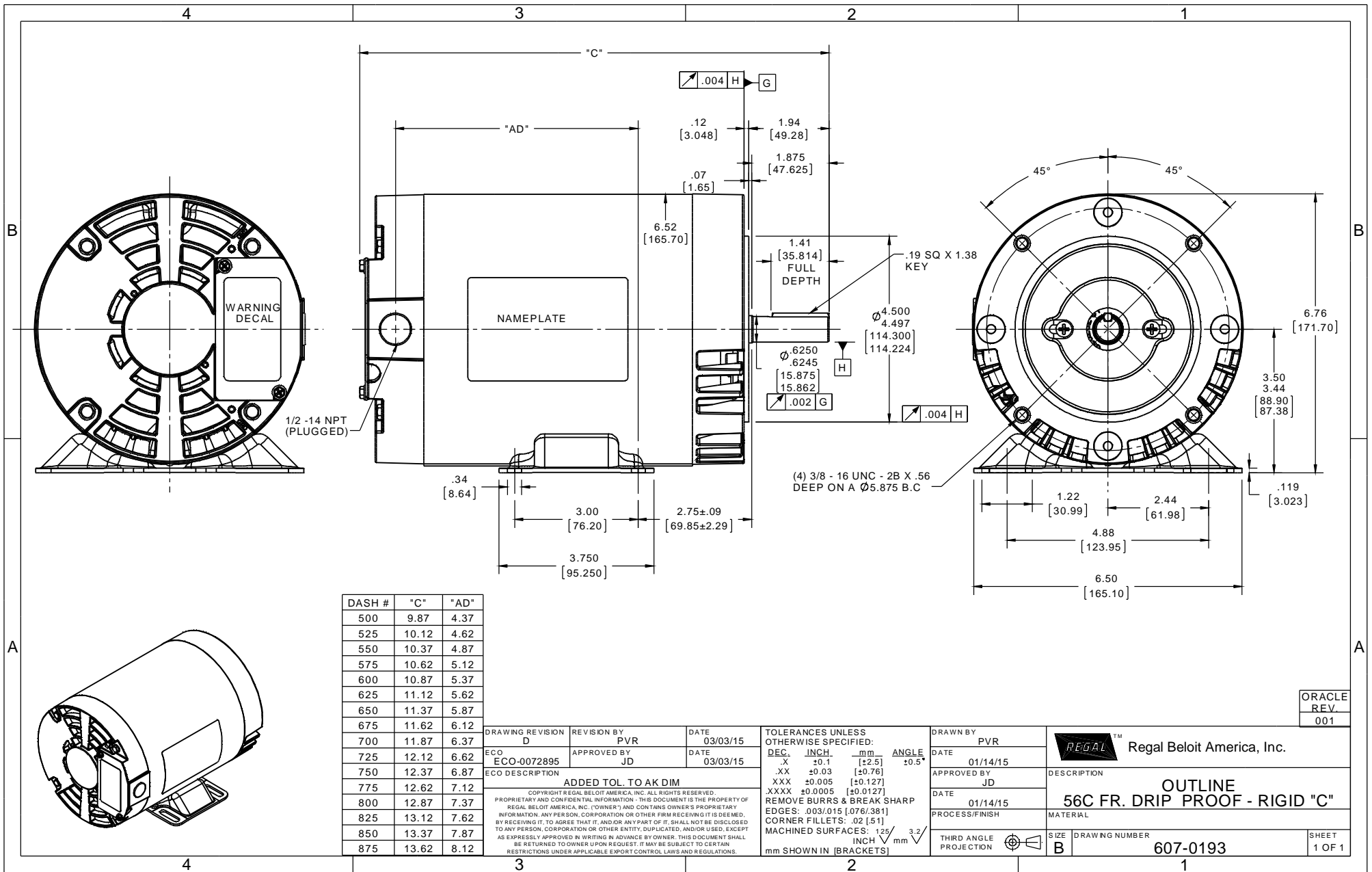


Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.2/1.6 A	Speed	1760 rpm
Service Factor	1.25	Phase	3
Efficiency	83.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	N	Frame	56C
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

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	Rolled Steel	Shaft Type	T
Overall Length	12.12 in	Frame Length	7.25 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	607-0193-725	Connection Diagram	005010.20



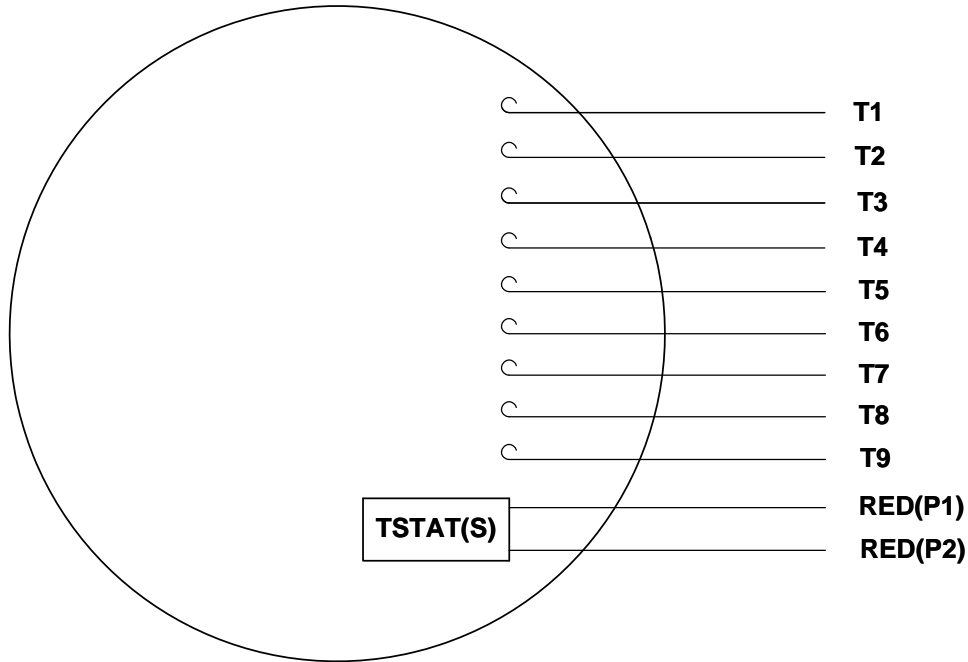
DASH #	"C"	"AD"
500	9.87	4.37
525	10.12	4.62
550	10.37	4.87
575	10.62	5.12
600	10.87	5.37
625	11.12	5.62
650	11.37	5.87
675	11.62	6.12
700	11.87	6.37
725	12.12	6.62
750	12.37	6.87
775	12.62	7.12
800	12.87	7.37
825	13.12	7.62
850	13.37	7.87
875	13.62	8.12

DRAWING REVISION D	REVISION BY PVR	DATE 03/03/15
ECO ECO-0072895	APPROVED BY JD	DATE 03/03/15
ECO DESCRIPTION ADDED TOL. TO AK DIM		
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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 [0.076/.381]			
CORNER FILLETS: .02 [5.1]			
MACHINED SURFACES: 125/INCH √ mm 3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY PVR		Regal Beloit America, Inc.
DATE 01/14/15		
APPROVED BY JD		DESCRIPTION OUTLINE 56C FR. DRIP PROOF - RIGID "C"
DATE 01/14/15		MATERIAL
PROCESS/FINISH	THIRD ANGLE PROJECTION	SIZE B
DRAWING NUMBER 607-0193		SHEET 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END. Uncontrolled Copy



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 **G** REVISION BY **MVG** DATE **04/05/2017**

ECO **ECO-0121253** APPROVED BY **SM** DATE **04/05/2017**

ECO DESCRIPTION
ADDED P1 & P2 FOR TSTAT

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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] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/3.2 INCH/mm
mm SHOWN IN [BRACKETS]

DRAWN BY **DBT 12/16/97**

DATE

APPROVED BY **KH 12/17/97**

DATE

REFERENCE
THIRD ANGLE PROJECTION

REGAL™ Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3 PHASE WITH PROTECTOR

MATERIAL DECAL - 004014 (TSTAT) - 080582	PROCESS/FINISH STOCK
SIZE A	DRAWING NUMBER 00501020
SHEET 1 OF 1	



CERTIFICATION DATA SHEET

1051 CHEYENNE AVE.
 GRAFTON, WI 53024
 PH. 262-377-8810

CATALOG #: E116763.00

CONN. DIAGRAM: 005010.20

OUTLINE: 607-0193-725

MOUNTING: F1 ONLY

WINDING #: T634342 DR 3 H

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&1	0.75&0.75	1800	1760&1450	56C	DP	N	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	3.2/1.6&3.6/1.8	LINE OR INVERTER	CONTINUOUS	F4	1.25/1.25	40

FULL LOAD EFF:	83.5&83.5	3/4 LOAD EFF:	85.2	1/2 LOAD EFF:	81.7	GTD. EFF	84	ELEC. TYPE
FULL LOAD PF:	68.5&68.5	3/4 LOAD PF:	62.8	1/2 LOAD PF:	48	SQ CAGE INV RATED		

F.L. TORQUE	LOCKED ROTOR AMPS	L,R. TORQUE	B,D. TORQUE	F.L. RISE°C
3 LB-FT	28 / 14	12 LB-FT 0 %	15.8 LB-FT 0 %	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 DBA	10 DBA	0.117 LB-FT^2	0.1 LB-FT^2	10 SEC.	2	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GREEN - LEESON WATTS AVER

BEARINGS DE ODE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
BALL BALL	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS						
THERMOSTATS	PROTECTORS	WDG RTDS	BRG RTDS	THERMISTORS	CONTROL	SPACE HEATERS
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

* INVERTER TORQUE: CONSTANT 10:1

INV. HP SPEED RANGE: 1.1 X BASE SPEED

ENCODER:	NONE
NONE	NONE
NONE	PPR

BRAKE:	NONE	NONE
NONE	P/N NONE	
NONE	NONE	
NONE	FT-LB	NONE V NONE HZ

S

