PRODUCT INFORMATION PACKET

Model No: C6T17VC43B

Catalog No: 116462.00

1/3HP..1725RPM.56.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.C FACE.Brakemotor.C6T17VC43B

Brake Motors

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Nameplate Specifications

Output HP	**0.33 Hp**	Output KW	**0.25 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**1.4-1.3/0.65 A**	Speed	**1725 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**72 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**NO DESIGN CODE**
KVA Code	**L**	Frame	**56C**
Enclosure	**Totally Enclosed Non Ventilated**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6205**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Reversible**
Mounting	**Round**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Rolled Steel**	Shaft Type	**NEMA 56**
Overall Length	**14.00 in**	Frame Length	**5.00 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.88 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**028577-500**	Connection Diagram	**005010.15**

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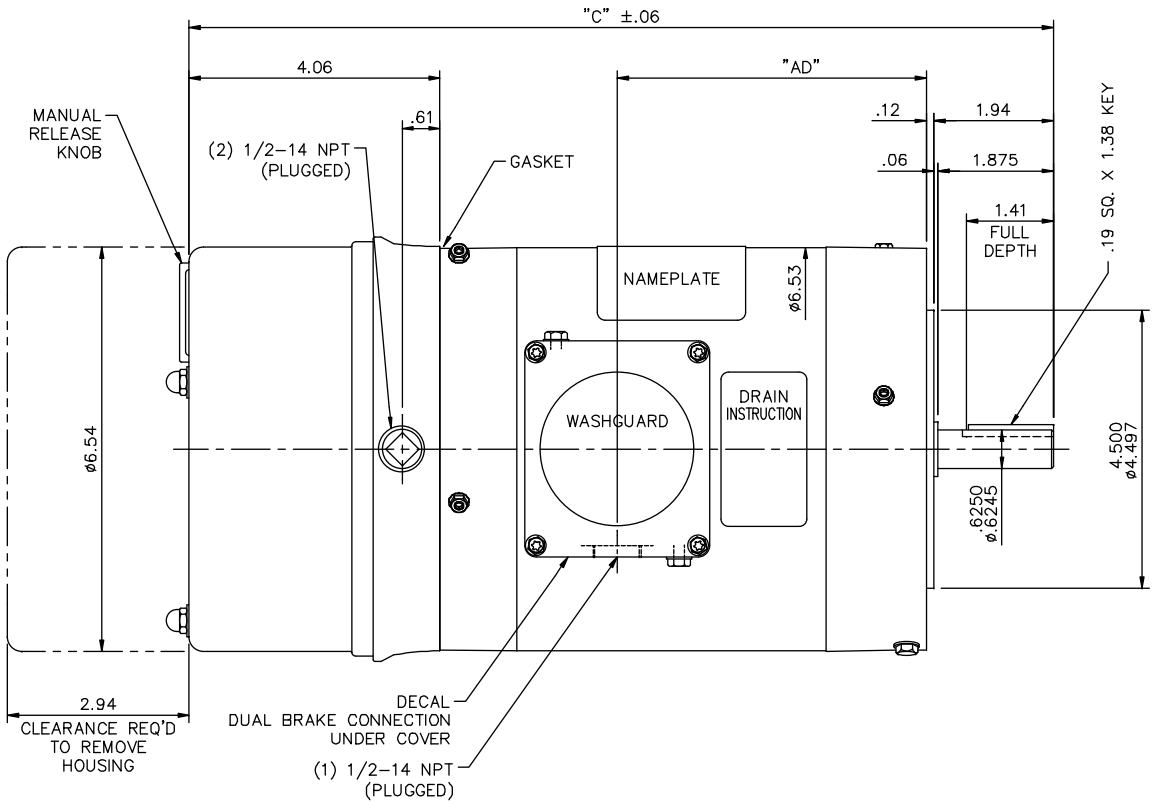

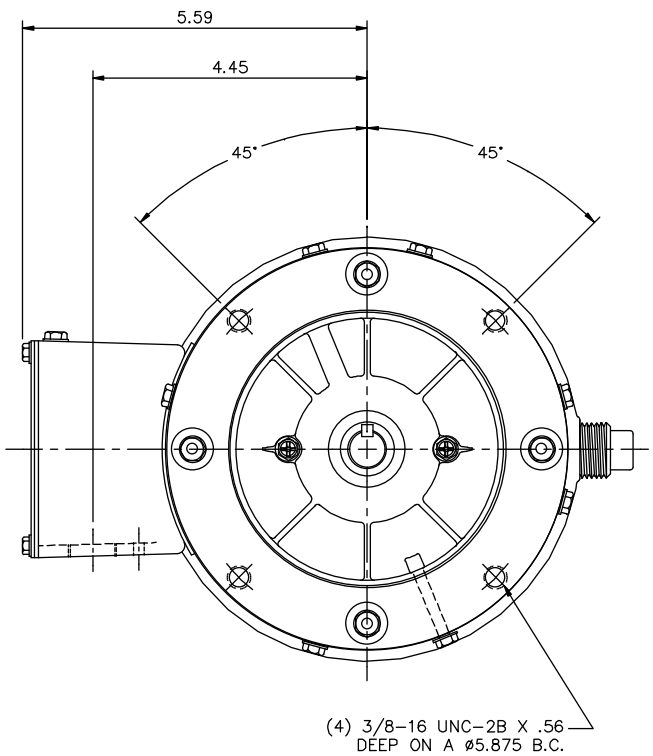

DASH NO.	"C"	"AD"
500	14.00	5.01
550	14.50	5.51
600	15.00	6.01
650	15.50	6.51

MAXIMUM FACE RUNOUT TO BE .004 TIR
MAXIMUM PILOT ECCENTRICITY .004 TIR
PERMISSIBLE SHAFT RUNOUT .002 TIR

WASHGUARD FEATURES:

1) SHAFT SEAL & V–RING
2) DRAIN HOLES IN ENDBELLS & CONDUIT BOX
3) STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE
4) GASKETS THROUGHOUT

NO.	REVISION	BY & DATE	CHK
03	ADDED DRAIN SCREWS TO ALL HOLES ECR–0034519	ARV 7/30/13	SK
02	NOTE WAS (1) 1/2–14 NPT (PLUGGED) FOR BRAKE	ARV 5/30/09	
01	REV'D DRAIN HOLE SCREW LOC'NS IN L.E ENDBELL TO	BJB 03/18/04	
	MATCH ENDBELL MACHINING		

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE– 56C FRAME TENV– "C" FACE

MAT'L. WASHGUARD BRAKEMOTOR

FINISH

CAD FILE 028577

RFP

DIST

DRAWN	LST 1/19/04
CHK	RW 1/19/04
APPD	KH 1/19/04
SCALE	1=2
REF	028575
FMF	
PREV	

SIZE B | DRAWING NO. 028577 | REV. 03

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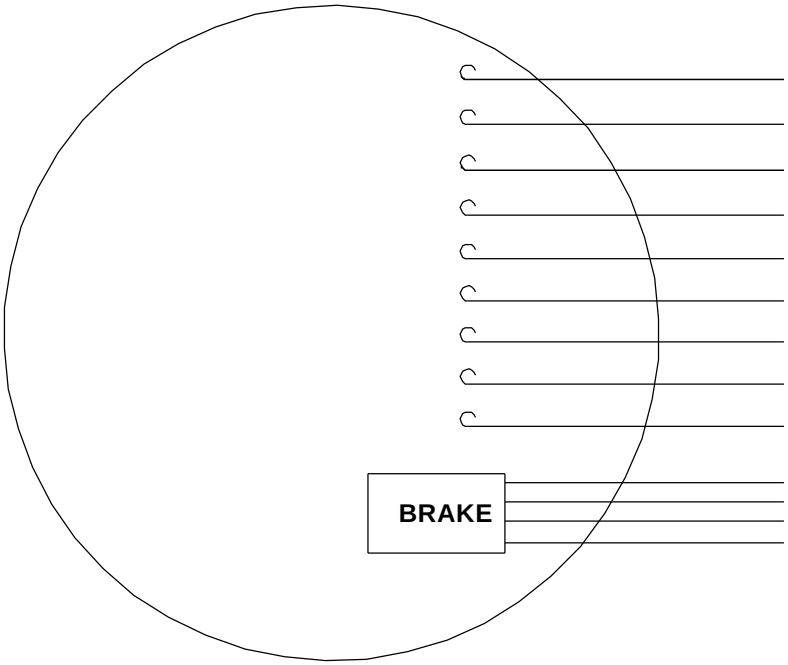
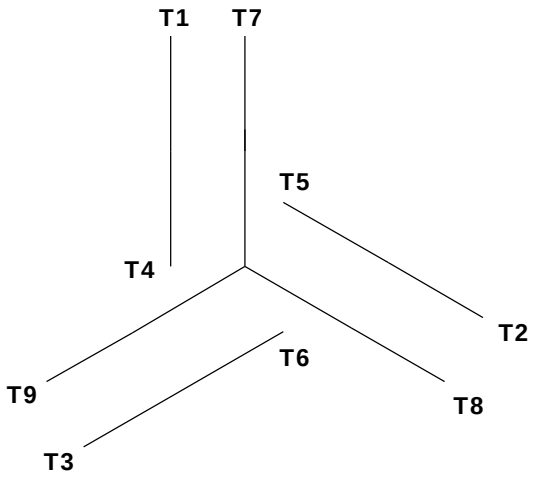
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



CAUTION:
LEAD WIRE INSULATION TO EXTEND MINIMUM OF 1/4" INTO CONNECTOR INSULATION

SEE TABLE FOR BRAKE CONNECTIONS

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

REF. DECAL (MOTOR) - 004014
REF. DECAL (BRAKE) - 080034 (STEARNS & DINGS BRAKE)

TYPE "T" W/O PROTECTOR

VOLTAGE	BRAKE CONNECTION					
	STERNS BRAKE			DINGS BRAKE		
	L1	L2	Join	L1	L2	Join
HIGH	1(RED)	2(RED)	3(BLACK) 4(BLACK)	2(BLACK)	4(YELLOW)	1(YELLOW) 3(BLACK)
LOW	1(RED) 3(BLACK)	2(RED) 4(BLACK	----------	2(BLACK) 3(BLACK)	1(YELLOW) 4(YELLOW)	----------

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NO	REVISION	BY & DATE	CHK
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	
01	ADDED DINGS AND BRAKE TABLE (PER CN114156)	TMZ 11/12/96	

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.01
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE EXTERNAL WIRING DIAGRAM
STANDARD 3 PHASE - DUAL VOLTAGE
MAT'L W/STEARNS OR DINGS DUAL VOLTAGE BRAKE CONN.
FINISH LEESON STOCK

DRAWN JJK 09/17/96
CHK
APPR
SCALE 1:1
REF 005010-01
FMF
PAGE OF

THIRD ANGLE PROJECTION

RFP
PREV
NETWORK FILE NAME 00501015

SIZE A
DRAWING NO 005010-15
REV --

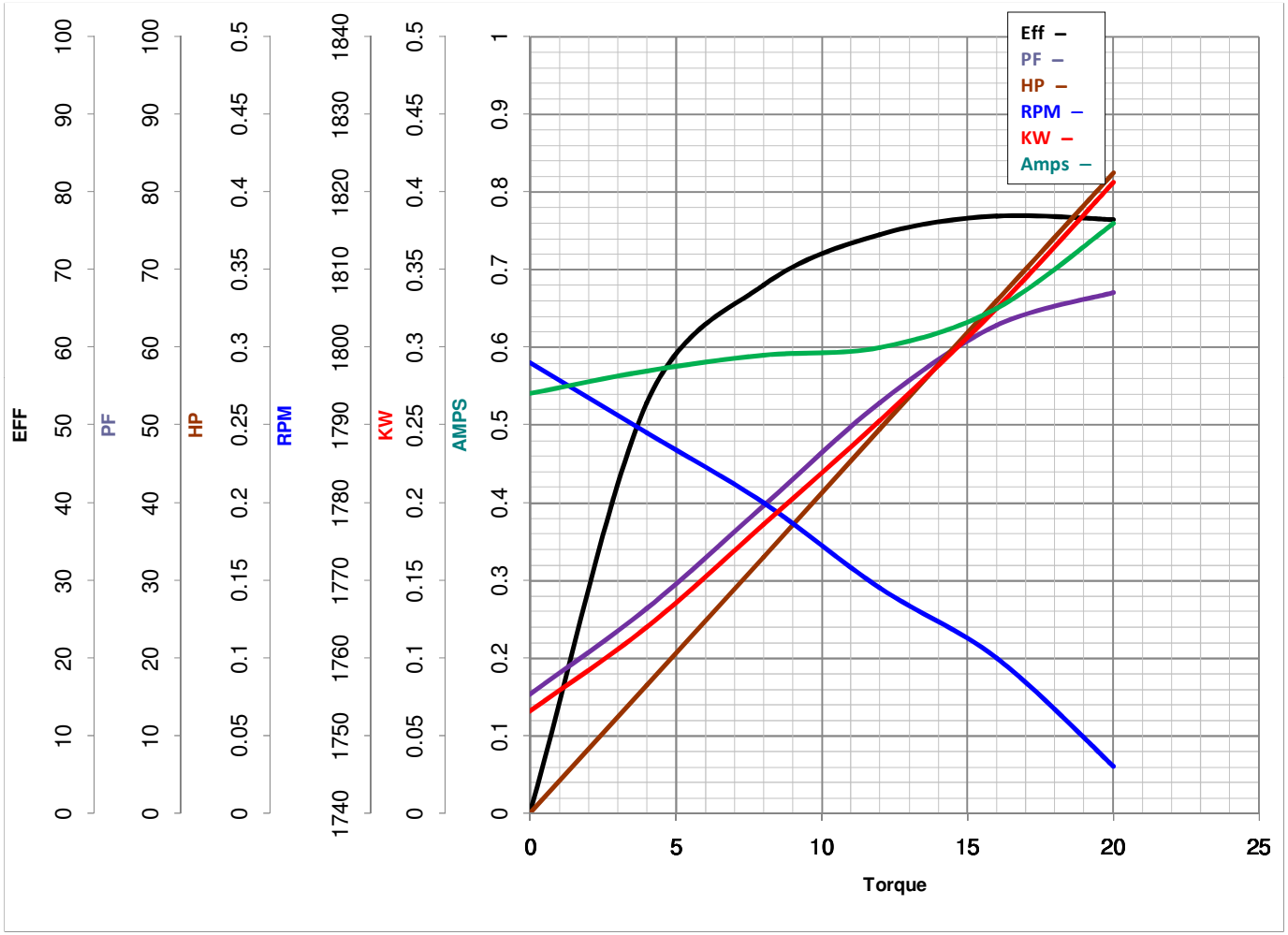
LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 460 **Volts** **HP** 0.33 **PHASE** 3
60 **HZ**
0.33 **HP** **VOLTS** 208-230/460

Model No 116462.00

Catalog No 116462.00 **HZ** 60 **RPM** 1725



Torque in Oz.Ft

FL TORQUE	16	**Oz.Ft**	**FL AMPS**	1.4-1.3/.65	
BD TORQUE	72.0	**Oz.Ft**	**PU TORQUE**	43.0	**Oz.Ft**
LR TORQUE	45	**Oz.Ft**	**LR AMPS**	4.2	
WINDING	T634241-3			**Date**	**6/4/2018**