

PRODUCT INFORMATION PACKET



Model No: C6T17VK29B

Catalog No: 116468.00

3/4HP..1725RPM.56.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID
C.Brakemotor.C6T17VK29B

Brake Motors



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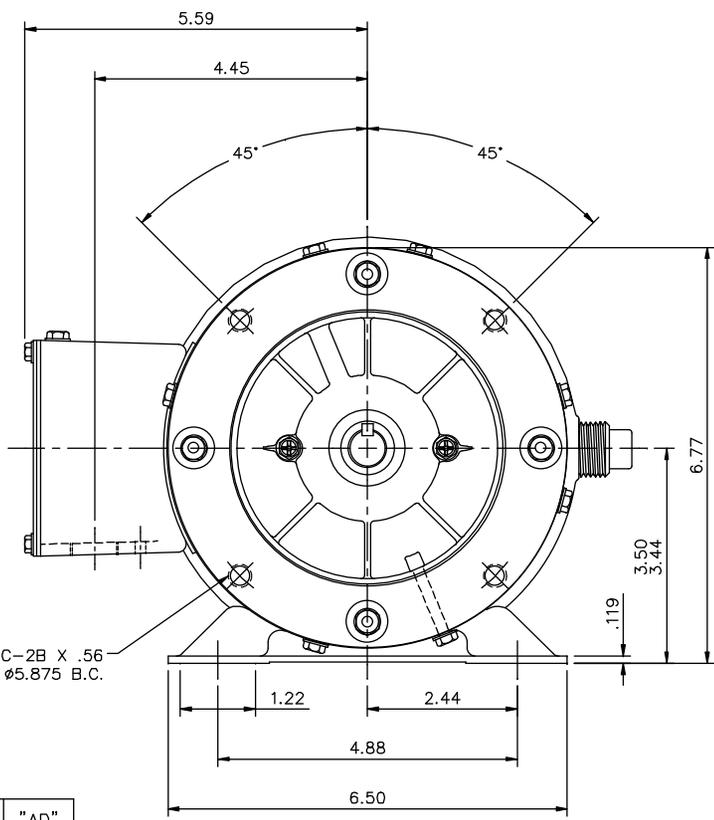
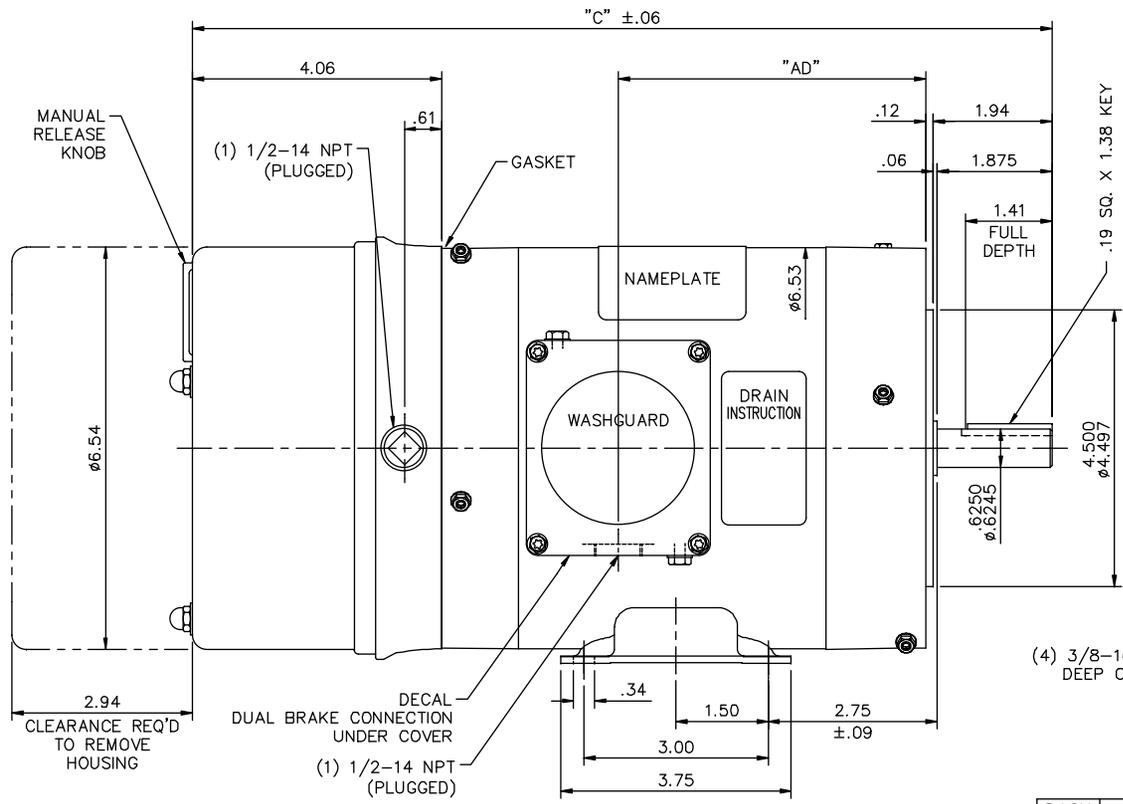


Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.7-2.5/1.3 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	80 %	Duty	Continuous
Insulation Class	F	Design Code	B
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	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	15.00 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028575-600	Connection Diagram	005010.15



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

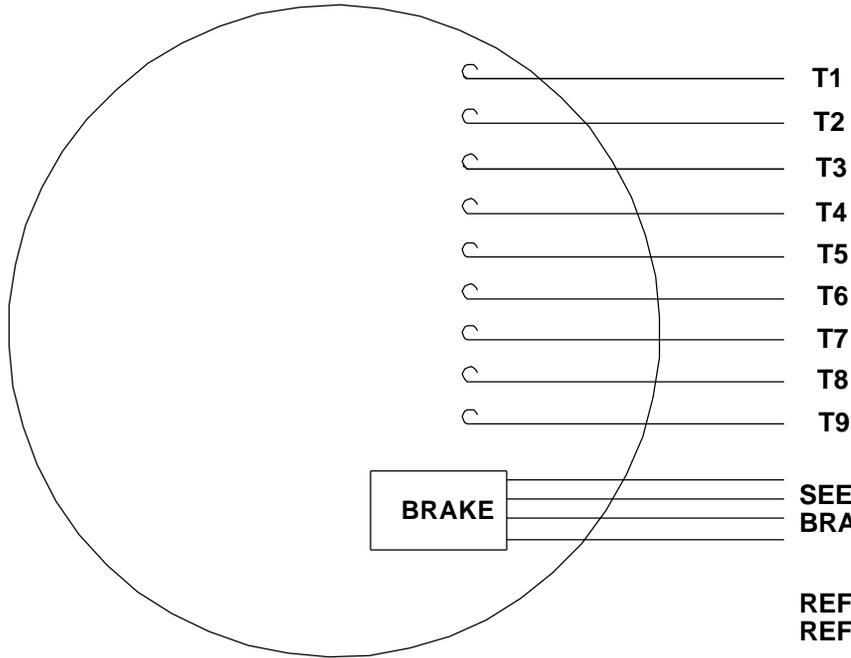
MAXIMUM FACE RUNOUT TO BE .004 TIR
 MAXIMUM PILOT ECCENTRICITY .004 TIR
 PERMISSIBLE SHAFT RUNOUT .002 TIR

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	ANG	TOLERANCES UNLESS SPECIFIED		MATERIAL	FINISH	DRAWN	LST	REV.		
					DEC.	INCHES							
02	ADDED DRAIN HOLE SCREWS PER ECR-0034519	ARV 7/30/13	SK		.X	±.1	LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES	TITLE OUTLINE-56C FRAME TENV- RIGID "C"	APPD	1/15/04	1=2		
01	REV'D DRAIN HOLE SCREW LOC'NS IN L.E ENDBELL TO MATCH ENDBELL MACHINING	BJB 03/18/04			.XX	±.03			SCALE	1=2			
					.XXX	±.005			REF				
					.XXXX	±.0005	FMF	116466					
						±1/2'	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	028575	SIZE	DRAWING NO.	REV.
								DIST			B	028575	02

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

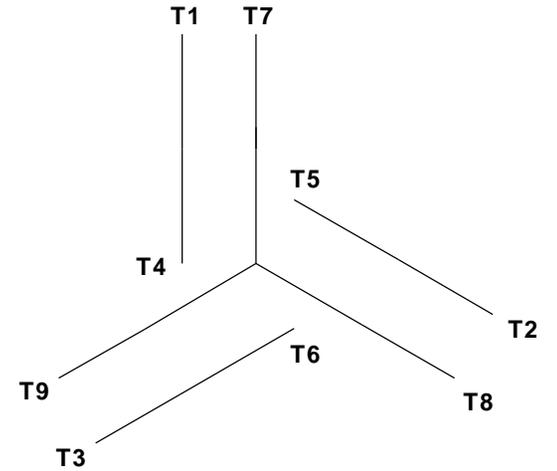


CAUTION:
LEAD WIRE INSULATION TO EXTEND
MINIMUM OF 1/4" INTO CONNECTOR
INSULATION

SEE TABLE FOR
 BRAKE CONNECTIONS

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

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

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TYPE "T" W/O PROTECTOR

VOLTAGE	BRAKE CONNECTION			BRAKE CONNECTION		
	STEARNS 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)	-----

				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN JJK 09/17/96	
				DEC	INCHES		CHK	
				.X	±.1	APPR		
				.XX	±.01	SCALE 1:1		
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM STANDARD 3 PHASE - DUAL VOLTAGE		REF 005010-01	
01	ADDED DINGS AND BRAKE TABLE (PER CN114156)	TMZ 11/12/96	.XXXX	±.0005	MAT'L W/STEARNS OR DINGS DUAL VOLTAGE BRAKE CONN.		FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH LEESON STOCK		PAGE OF
THIRD ANGLE PROJECTION				RFP	PREV	SIZE	DRAWING NO	REV
				NETWORK FILE NAME 00501015		A	005010-15	--

