

PRODUCT INFORMATION PACKET



Model No: 114158.00
Catalog No: 114158.00
Brake Motor, 0.33 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56C Frame, TENV

Operational at 208-230/460 V @60HZ



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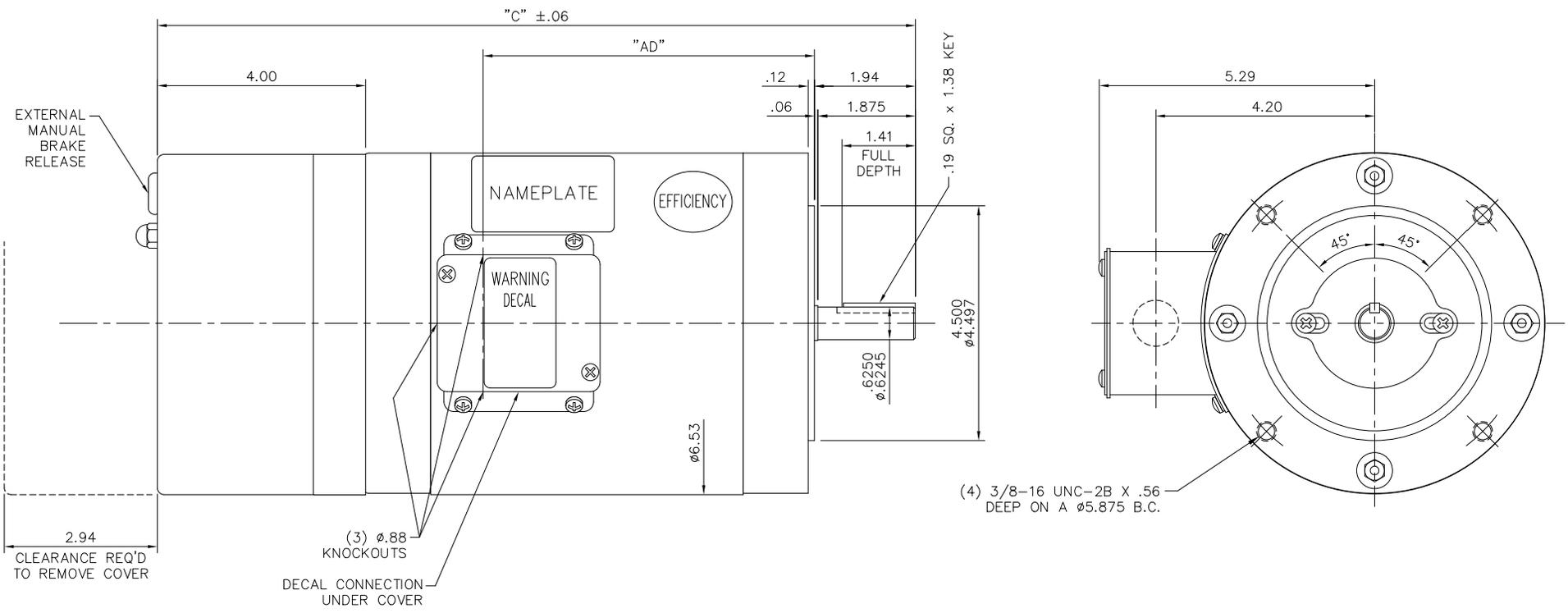
Nameplate Specifications

Phase	3	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	72 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.3/0.65 A	Power Factor	66
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	59.2 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	13.56 in
Frame Length	5.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028532-500	Connection Drawing	005010.15

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2.94
CLEARANCE REQ'D
TO REMOVE COVER

(3) Ø.88
KNOCKOUTS
DECAL CONNECTION
UNDER COVER

(4) 3/8-16 UNC-2B X .56
DEEP ON A Ø5.875 B.C.

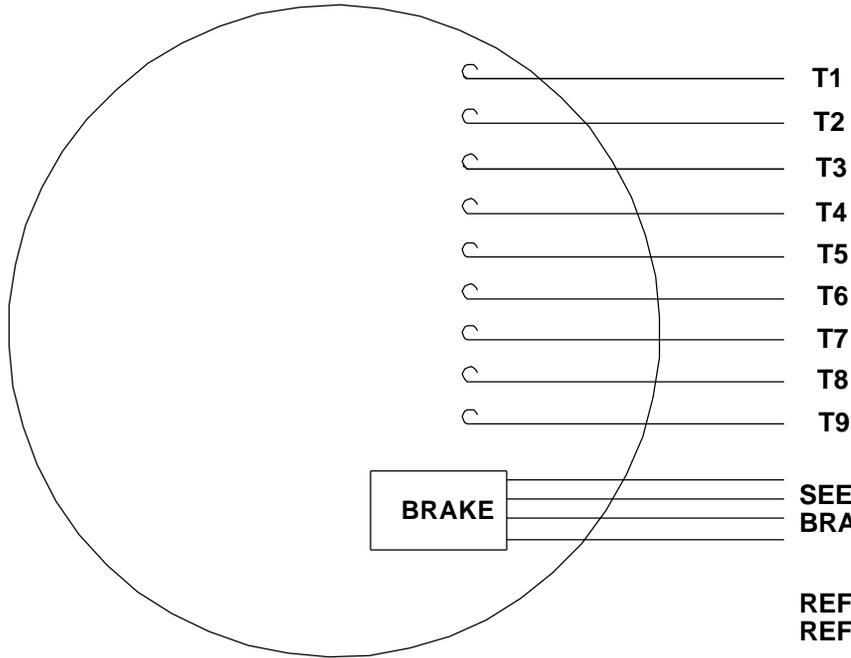
DASH NO.	"C"	"AD"
500	13.56	5.37
550	14.06	5.87
600	14.56	6.37
650	15.06	6.87
700	15.56	7.37

MAXIMUM FACE RUNOUT .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

GASKETS THROUGHOUT

TOLERANCES UNLESS SPECIFIED		DEC.		INCHES		LEESON		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN RLW 06/12/03	
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	RFP	CAD FILE	SIZE	DRAWING NO.	REV.	
03	UPDATED METAL TO MYLAR N.P. PER ECR-0222273	AP 11/16/22	.XX	±.03	TITLE			B	028532	03	
02	ADD BRAKE CONN DECAL	LST 10/12/07	.XXX	±.005	OUTLINE 56 FRAME T.E.N.V. - "C" FACE						
01	CHANGED DRAWING TITLE BLOCK	RLW 10/12/07	.XXXX	±.0005	BRAKEMOTOR						
				±1/2"							
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

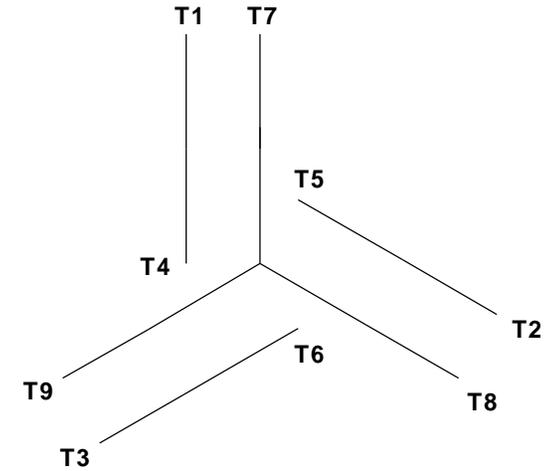


CAUTION:
LEAD WIRE INSULATION TO EXTEND
MINIMUM OF 1/4" INTO CONNECTOR
INSULATION

SEE TABLE FOR
 BRAKE CONNECTIONS

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	STEARNS BRAKE			DINGS BRAKE		
	L1	L2	Join	L1	L2	Join
HIGH	1(REDF)	2(REDF)	3(BLACK) 4(BLACK)	2(BLACK)	4(YELLOW)	1(YELLOW) 3(BLACK)
LOW	1(REDF) 3(BLACK)	2(REDF) 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	--

