

PRODUCT INFORMATION PACKET

Model No: 5K49UN4569
Catalog No: K459
1,1800,TENV,56,3/60/230/460
Brake



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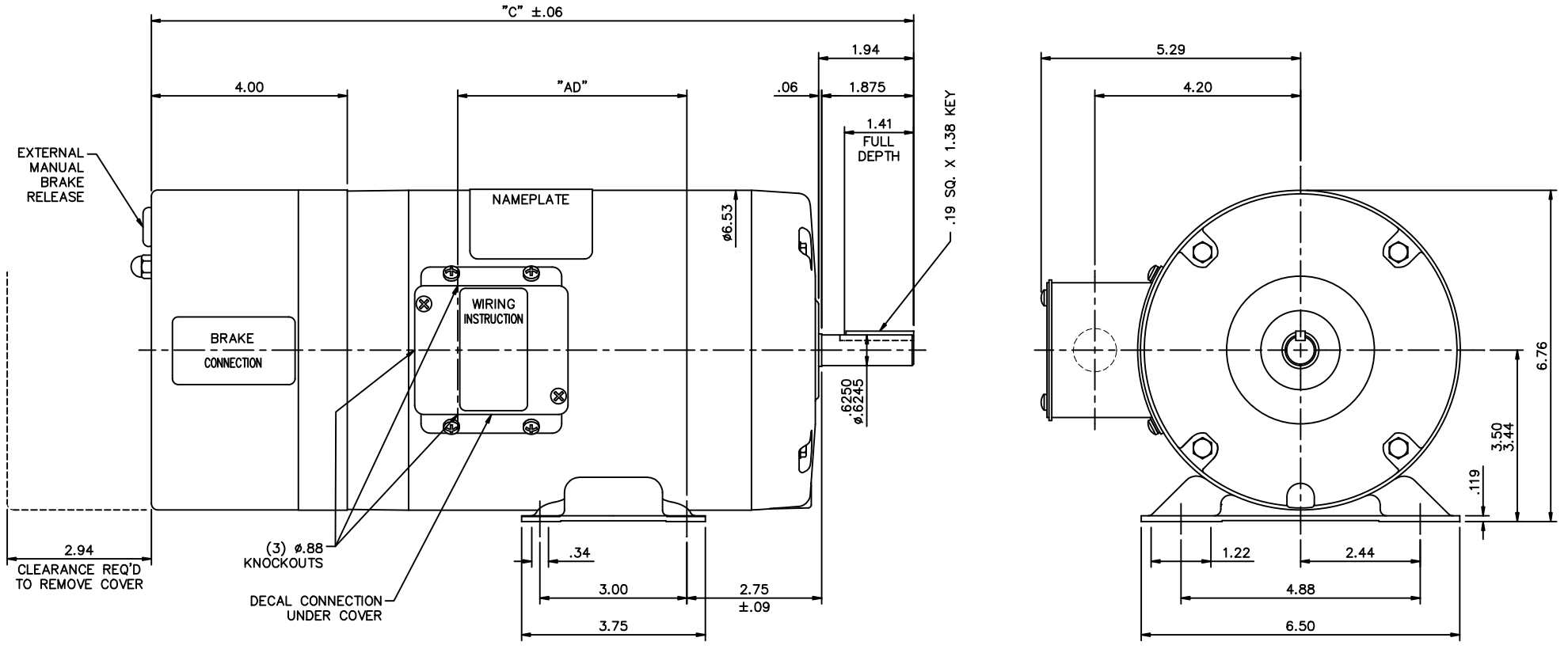


Nameplate Specifications

Output HP	1 HP	Output KW	.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.2/1.6 A	Speed	1725 RPM
Service Factor	1	Phase	3
Efficiency	82.5 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	B
KVA Code	L	Frame	56
Enclosure	TENV	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	44		

Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	STANDARD 56
Overall Length	15.56 in	Frame Length	7 in
Shaft Diameter	.63 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028529ME-700	Connection Diagram	005010.15ME

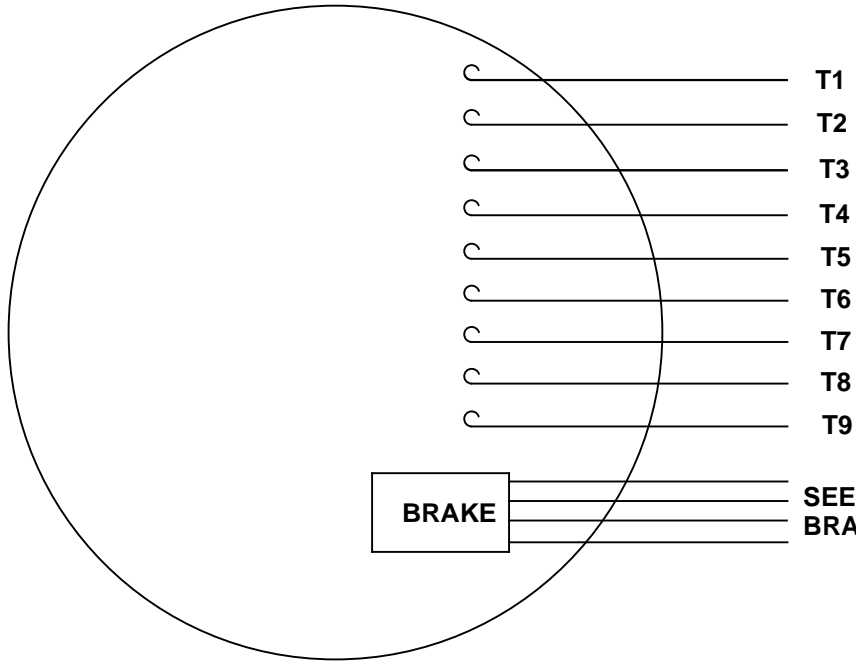


GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
550	14.06	3.18
600	14.56	3.68
700	15.56	4.68

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN LST 7/9/09						
				DEC.	INCHES			CHK						
				.X	±.1			APPD						
				.XX	±.03	TITLE		SCALE 1=2						
				.XXX	±.005	OUTLINE - 56 FRAME		REF EP55-007						
				.XXX	±.005	TENV - RIGID		FMF						
01	MOVED BRAKE CONNECTION DECAL PER ISAAC 10-4500	ARV 10/14/10	KH	.XXXX	±.0005	MAT'L		PREV						
NO.		REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	CAD FILE	028529ME	SIZE	DRAWING NO.	REV.		
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		B	028529ME	01
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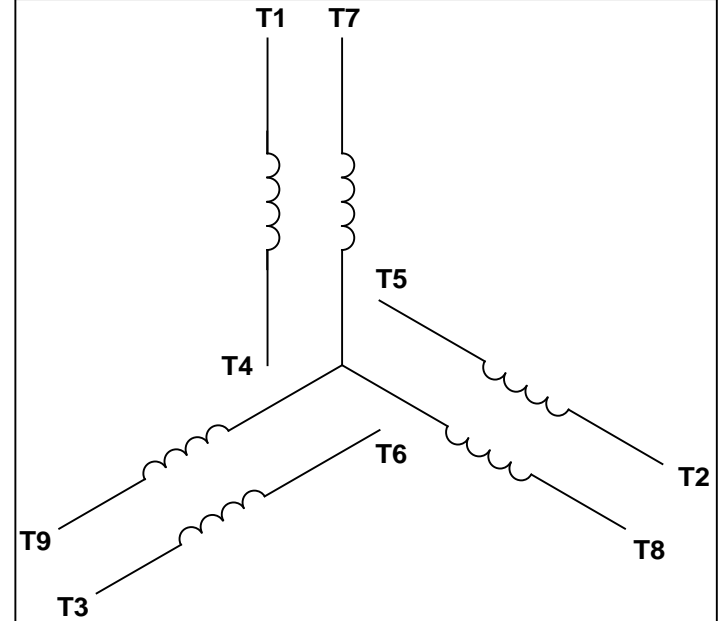
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



T1
T2
T3
T4
T5
T6
T7
T8
T9

BRAKE 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

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BRAKE CONNECTION

VOLTAGE	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)	-----

		TOLERANCES UNLESS SPECIFIED				DRAWN MDN 03/26/03	
		DEC	INCHES			CHK	
		.X	±.1			APPR	
		.XX	±.01			SCALE 1:1	
		.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		REF	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	.XXXX	±.0005	MAT'L MTR DECAL - 004014 BRAKE DECAL - 080034		FMF
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH		PAGE OF
THIRD ANGLE PROJECTION		RFP		PREV		SIZE	DRAWING NO
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