

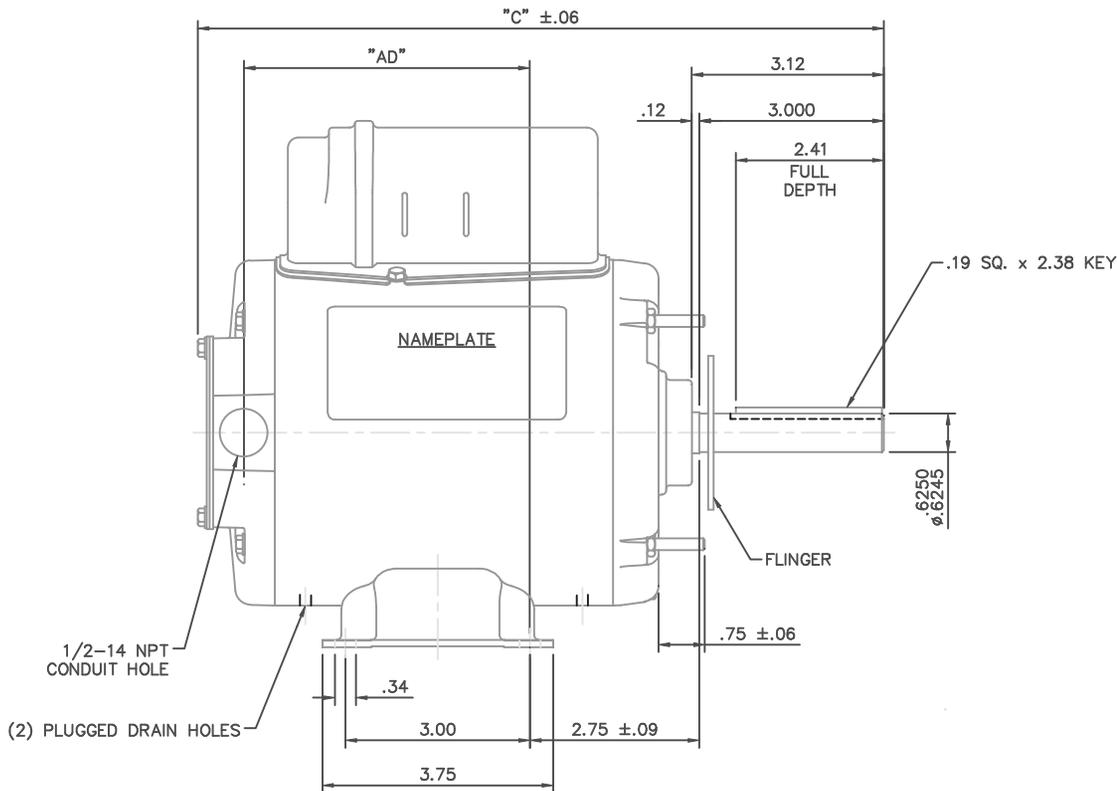


Nameplate Specifications

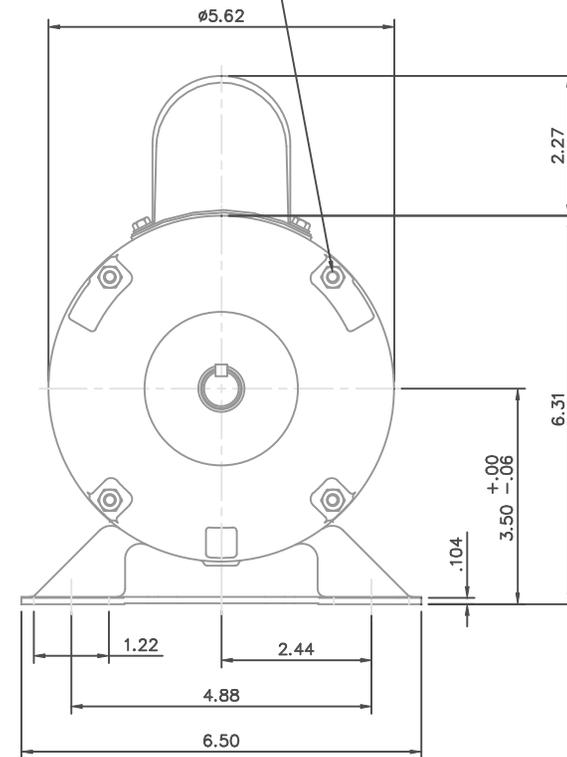
Phase	1	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	115/230 V
Speed	1140 rpm	Service Factor	1.00
Frame	S56Z	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	70 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	3.6/1.8 A	Power Factor	92
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	D
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	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Resistance Main	9.88 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	11.40 in
Frame Length	5.75 in	Shaft Diameter	0.625 in
Shaft Extension	3.12 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	031711-575	Connection Drawing	005109.15



10-32 UNF 2A THRU BOLTS
(4) REQ'D. ON A Ø5.125 B.C.

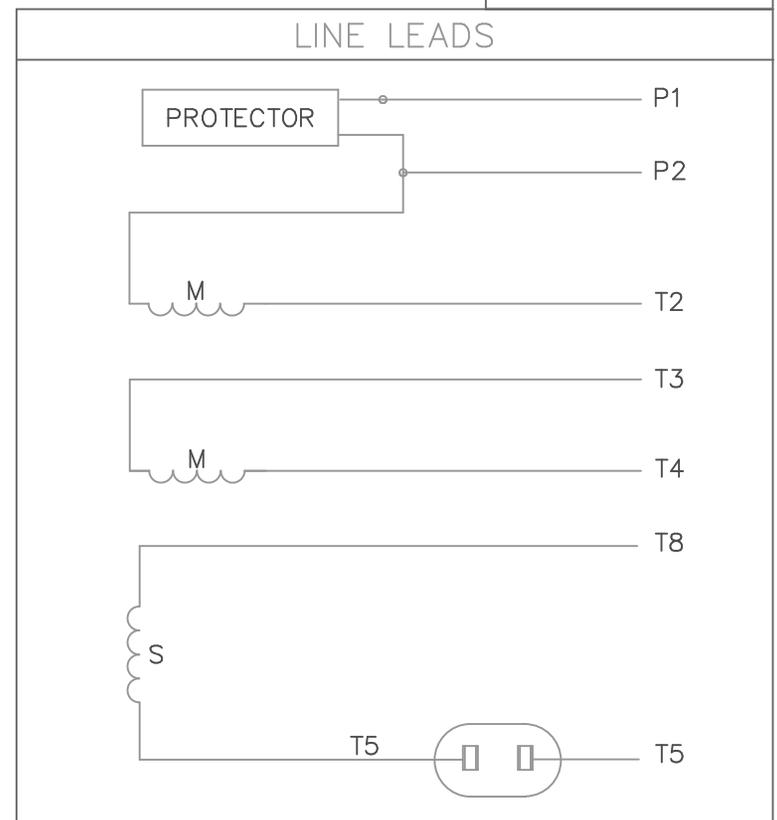
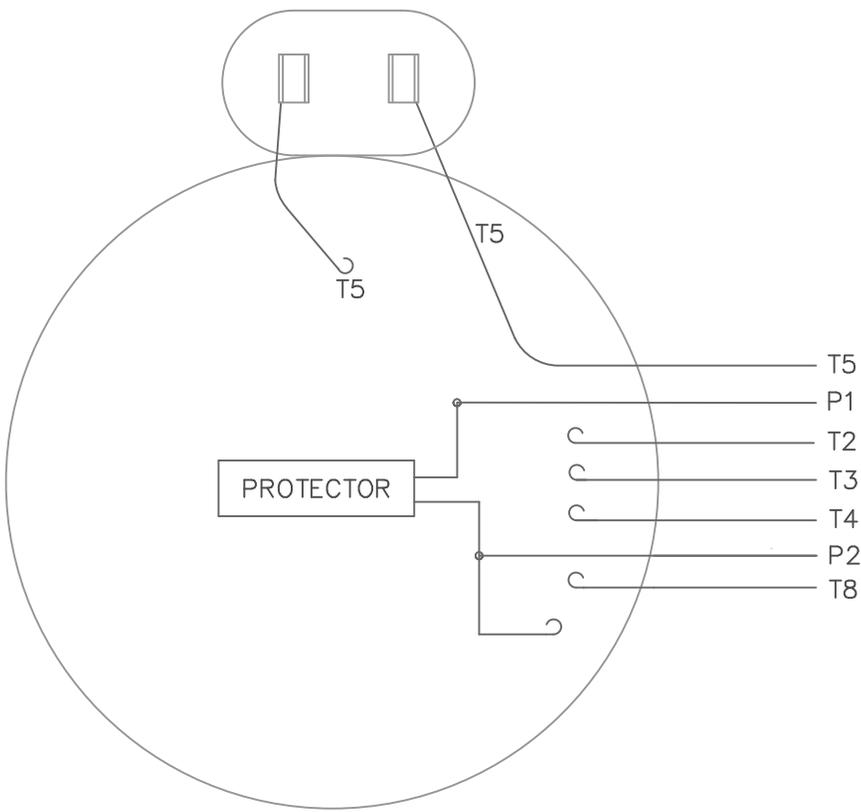


DASH NO.	"C"	"AD"
550	11.15	4.65
575	11.40	4.90
600	11.65	5.15
625	11.90	5.40
650	12.15	5.65
675	12.40	5.90
700	12.65	6.15

GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 8/8/02			
		DEC.	INCHES		CHK			
		.X	±.1		APPD			
		.XX	±.03		SCALE 1=2			
		.XXX	±.005		REF 030422			
		.XXXX	±.0005	MAT'L	FMF 100804.00			
NO.	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH	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 031711	SIZE B	DRAWING NO. 031711	REV.
				DIST				

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2, T3 T8	P2
	C.W.	P1	T4 T8	T2, T3 T5	P2
LOW VOLT	C.C.W.	P1	T2, T4 T5	P2, T3 T8	--
	C.W.	P1	T2, T4 T8	P2, T3 T5	--

		TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PG 3/4/02	
		DEC.	INCHES			CHK	
		.X	±.1			APPD	
		.XX	±.01			SCALE 1=1	
		.XXX	±.005			REF 005109-01	
		.XXXX	±.0005	MAT'L. DECAL - 004011		FMF 102675	
NO.	REVISION	BY & DATE	CHK	ANG ±1/2'	FINISH	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	00510915	SIZE	DRAWING NO.
			DIST			A	005109-15
							REV.



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

CONN. DIAGRAM: 005109.15
OUTLINE: 031711-575
WINDING #: PE4862007 NR 3 B

CATALOG #: 100604.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1200	1140	S56Z	TEAO	D	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	3.6/1.9-1.8	ACROSS THE LINE	CONTINUOUS	B3	1.0	40

FULL LOAD EFF:	70	3/4 LOAD EFF:	66.1	1/2 LOAD EFF:	56.8	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	92	3/4 LOAD PF:	89.4	1/2 LOAD PF:	84.3	66	PSC 1 SPEED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24.73 OZ-FT	12 / 6	13.5 OZ-FT 56 %	48 OZ-FT 200 %	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.053 LB-FT^2	0.1 LB-FT^2	10 SEC.	0	26 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY - LIGHT

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	BEACON 325	SGL SPL EXT	0.625 x 3.00 IN SEK	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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