

# PRODUCT INFORMATION PACKET



Model No: P6C17FB112D  
Catalog No: 114933.00  
1HP..1725RPM.56.TEFC./V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.RIGID.INSTANT  
REVERSING.P6C17FB112D  
Instant Reversing



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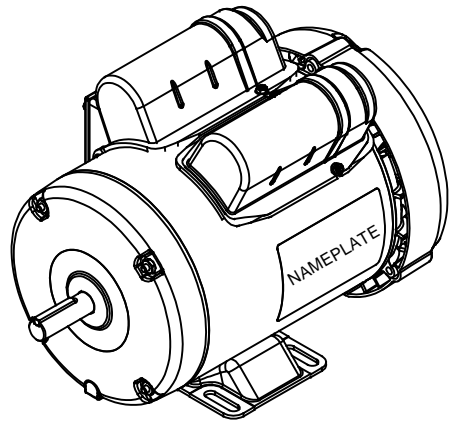
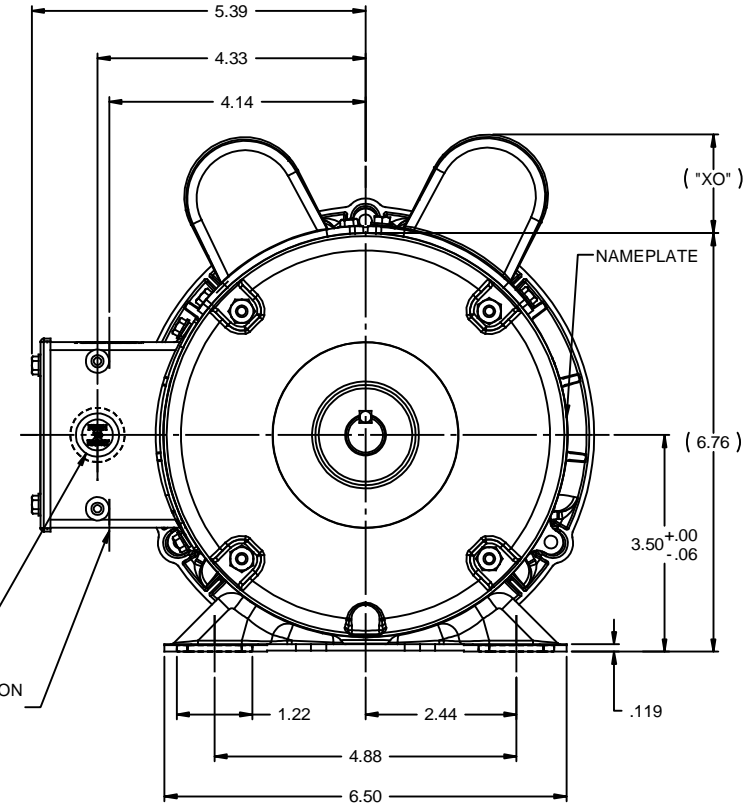
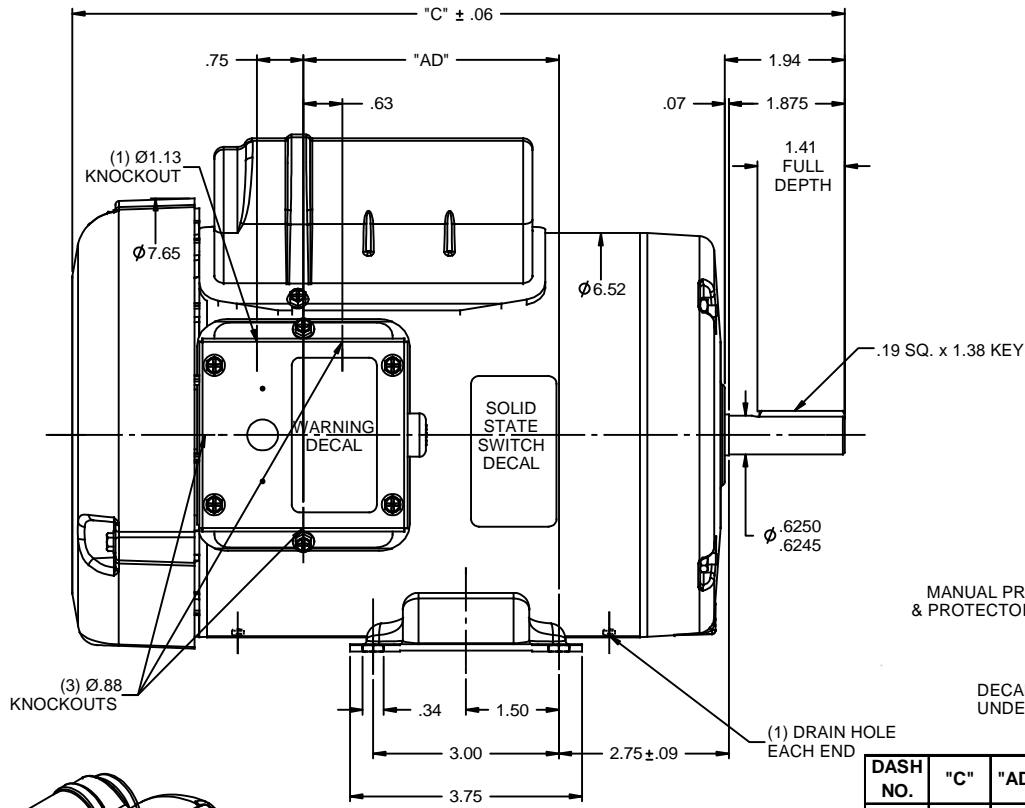


### Nameplate Specifications

Output HP	<b>1 Hp</b>	Output KW	<b>0.75 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>12.8/6.4 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>75 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>K</b>	Frame	<b>56</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>Manual</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

### Technical Specifications

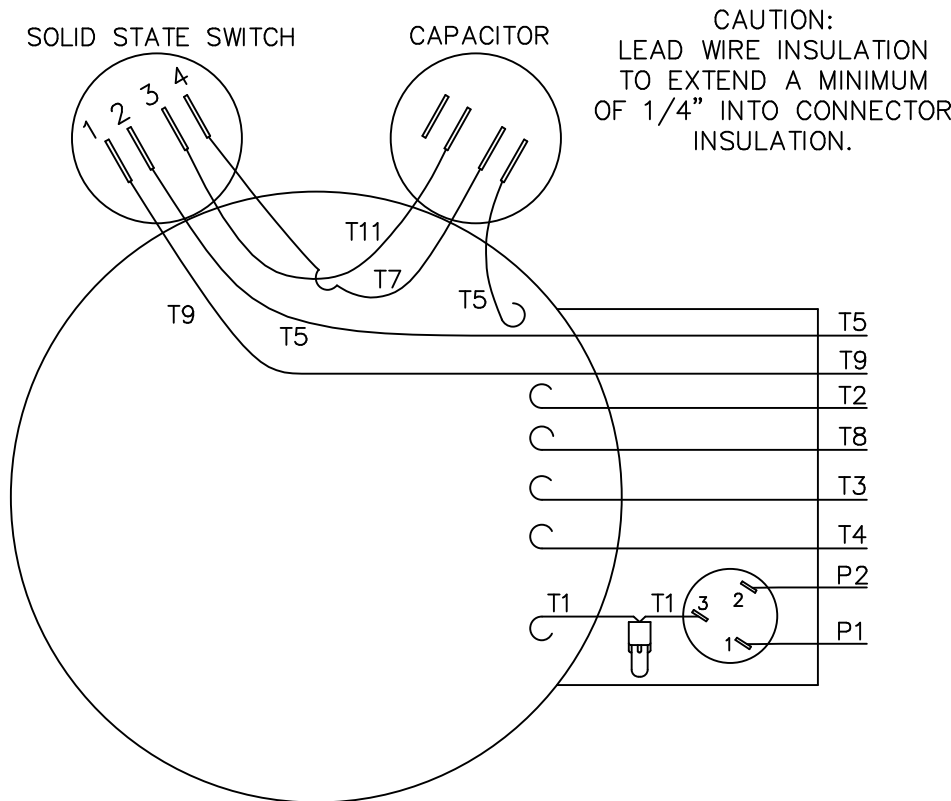
Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>11.74 in</b>	Frame Length	<b>6.25 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>028941-625</b>	Connection Diagram	<b>005291.04</b>



DASH NO.	"C"	"AD"	CAP DASH	"XO"
550	10.99	2.63		
575	11.24	2.88		
600	11.49	3.13		
625	11.74	3.38	A	1.15
650	11.99	3.63	B	1.60
700	12.49	4.13	C	1.82
750	12.99	4.63		
800	13.49	5.13		

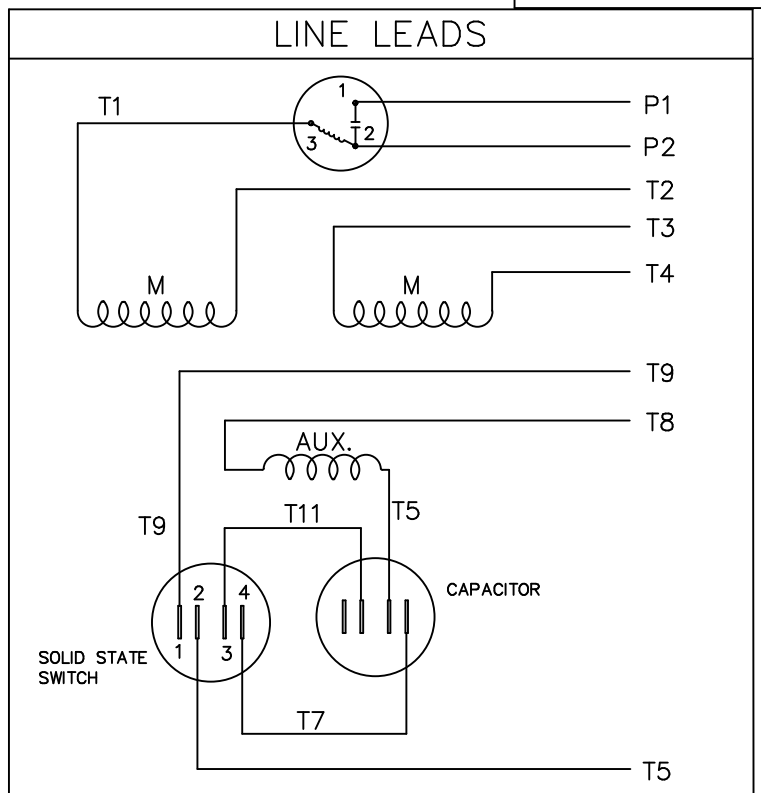
- NOTES:  
 1) MANUAL OVERLOAD PROTECTOR.  
 2) GASKETS THROUGHOUT.  
 3) DRAIN HOLE IN FRAME (BOTH ENDS).

TOLERANCES UNLESS SPECIFIED:		<b>ELECTRIC MOTORS GEARMOTORS AND DRIVES</b>	DRAWN	DJ 01/07/09						
DEC	INCHES		CHK	RVD 01/07/09						
X	±.1		APPR							
XX	±.03		SCALE	1:2						
XXX	±.005	TITLE	OUTLINE - 56 FRAME	REF	OL114932					
XXXX	±.0005	MATL	TEFC RIGID - INSTANT REVERSING	FMF	114932.00					
NO	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PAGE	OF	
	THIRD ANGLE PROJECTION		RFP			PREV		SIZE	DRAWING NO	REV
								<b>B</b>	<b>028941</b>	
			NETWORK FILE NAME		028941					



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

TYPE "C"  
W/PROTECTOR  
DECAL 080640



ROTATION FACING LEAD END		L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W. ROT.	P1	T4 T5	T2,T3 T8,T9	P2
	C.W. ROT.	P1	T4 T8,T9	T2,T3 T5	P2
LOW VOLT	C.C.W. ROT.	P1	T2,T4 T5	P2,T3 T8,T9	---
	C.W. ROT.	P1	T2,T4 T8,T9	P2,T3 T5	---

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON</b> ELECTRIC CORPORATION					
				DECIMALS							
				.00	± .01	DRAWN	TITLE				
				.000	± .005	PJM 09-05-96	EXTERNAL WIRING DIAGRAM				
				.0000	± .0005	CH'K'D.	DUAL VOLTAGE - INSTANT REVERSING				
				FRACTIONS	± 1/64	APPR.	MAT'L.				
				ANGLES	± 1/2'	SCALE	SOLID STATE SWITCH				
				INCH/MM		REF.	PG.03	FINISH	LEESON	SIZE	DRAWING NO.
NO. REVISION BY DATE				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		FMF	114933	STOCK	A	005291 PG.04	

