

PRODUCT INFORMATION PACKET



Model No: 171762.00

Catalog No: 171762.00

****OBSOLETE, 256TTFC6030 ** 20 HP 1800 575 TEFC 256TC W/BASE PREM
General Purpose Motors**

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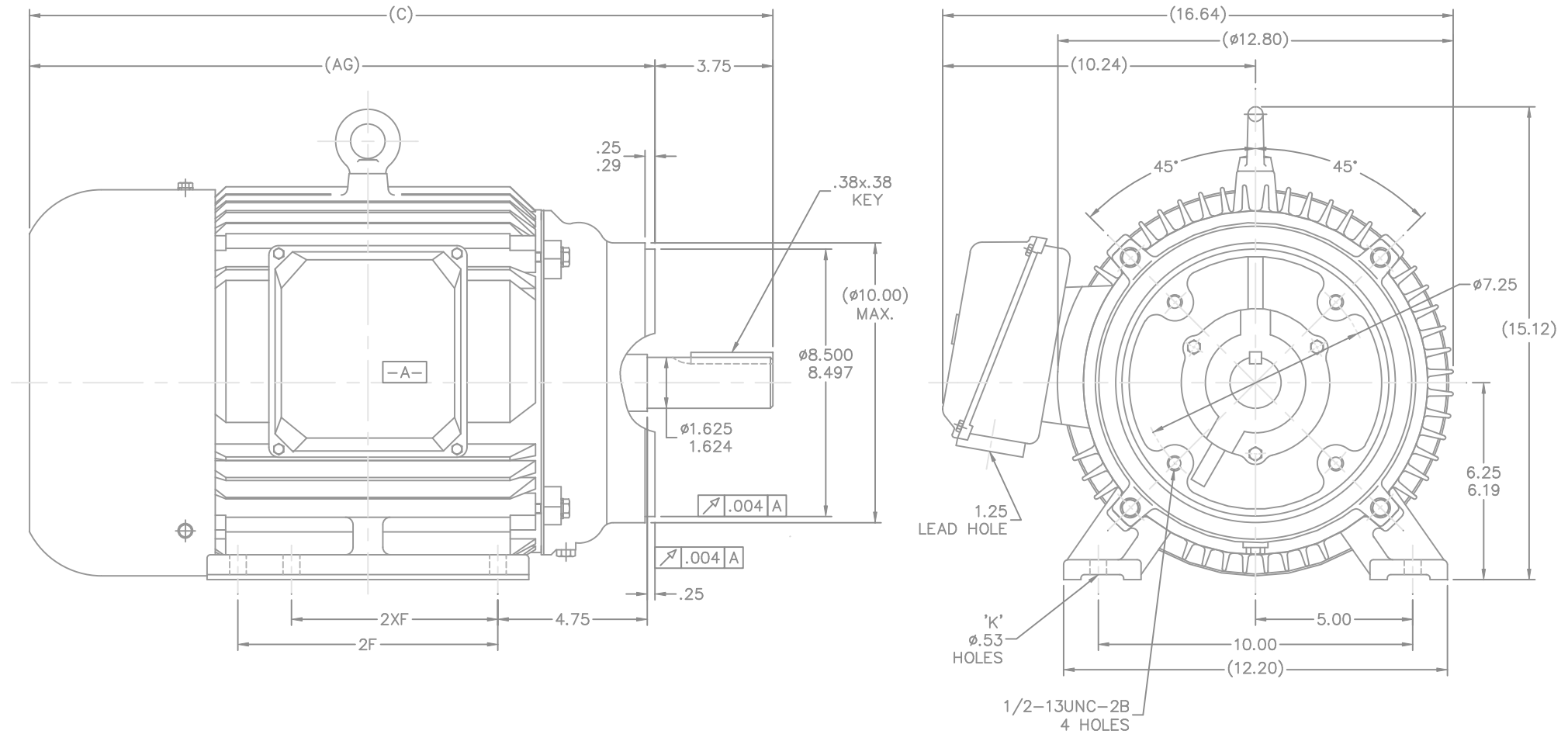
Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	575 V
Current	20.0 A	Speed	1770 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	256TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6308
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		


Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.322 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	25.48 in
Shaft Diameter	1.625 in	Shaft Extension	4 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS622044LE-N256TC-4	Connection Drawing	00519001

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											TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN MSG 08-11-2005		
									DEC. INCHES		CHK ML 08-12-2005					
									.X ±.1		APPD LMC 08-23-2005					
									.XX ±.03		TITLE OUTLINE			SCALE 3=8		
									.XXX ±.005		254/6TC FRAME – C'FACE			REF		
									.XXXX ±.0005		MAT'L			FMT		
											CHK ANG ±7'30"		FINISH		PREV 250013670-3700	
NO. REVISION									BY & DATE							
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									DIST LB				B	SS622044LE	REV.	

005190-01



A diagram of a multi-ported device. It consists of a central vertical curved line representing the device body. Six horizontal lines extend from the left side of the device, each labeled with a 'C' at its left end. These lines are labeled on the right side as T1 U1, T2 V1, T3 W1, T4 U2, T5 V2, and T6 W2. The labels are arranged in pairs, with the 'T' label closer to the device and the 'U' or 'V' or 'W' label further to the right.



	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION					
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019	DECIMALS				EXT. WIRING DIAGRAM STAR START – DELTA RUN			
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	DRAWN PG 05/07/82	TITLE				
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D. TEM	MAT'L. Y-CONNECTED START (CWLE) DELTA CONNECTED RUN – SINGLE VOLTAGE				
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	APPR. 05/07/82					
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1	FINISH			SIZE A	DRAWING NO. 005190-01
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				INCH/MM		FMF ELECTRO POWER					