PRODUCT INFORMATION PACKET

Model No: 171763.00 Catalog No: 171763.00 **OBSOLETE** 25 HP 1800 575 TEFC 284TC W/BASE PREM General Purpose Motors





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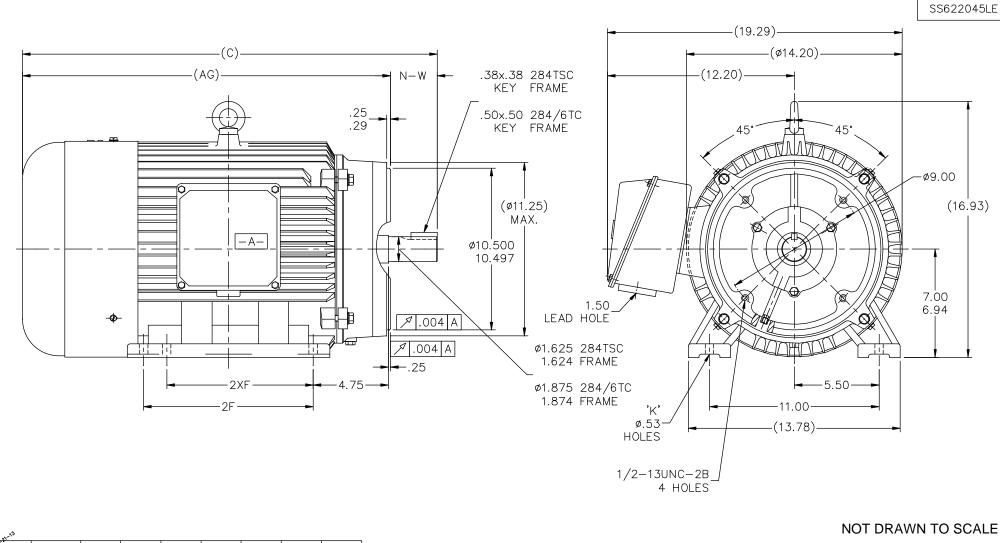
Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	575 V
Current	23.5 A	Speed	1783 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Frame	284TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6309
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
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	т
Overall Length	26.26 in	Shaft Diameter	1.875 in
Shaft Extension	4.62 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS622045LE-N284TC-4	Connection Drawing	00519001

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N286TSC-2 26.47 23.22 11.00 9.50 6 3.25 Dec. Dec. Notes Dec.	SS622045LE	B SS6			LB	DIST		IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVEN THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT		N-W	К	2XF	2F	В	AG	С	FRAME	DASH
N286TC-2 26.47 23.22 N1.00 9.50 6 3.25 M286TSC-2 26.47 23.22 11.00 9.50 6 3.25 Dec. INCHES SECTION OF GRAMOTORS AND DRIVES M284TC-2 26.26 21.64 9.50 4 4.62 N284TC-1 XX ±.03 ITLE OUTLINE 284TSC, 284/286TC FR C'FACE M284TC-4 26.26 21.64 9.50 4 3.25 XX ±.03 ITLE OUTLINE 284TSC, 284/286TC FR C'FACE M286TC-4 27.84 23.22 11.00 9.50 6 4.62 REVISION BY & DATE CHK ANG ±730* FINISH		SIZE DRAWING N	AD FILE ss6220451e			RFP												
N286TSC-2 26.47 23.22 11.00 9.50 6 3.25 Model N286TSC-2 26.47 23.22 11.00 9.50 6 3.25 Dec. Dec. NOMEs Dec. NOMEs<	PREV 250014140-60		NISH	±7'30"	ANG	СНК	BY & DATE	REVISION	NO.	4.62	6	9.50	11.00		23.22	27.84	N286TC-4	
N286TSC-2 26.47 23.22 11.00 9.50 6 3.25 Dec. NDMES Septimized DEC. NOMES CEESTRIC AND DRIVES N284TSC-2 26.46 21.04 9.50 6 3.25 Image: Comparison of the second	FMF		AT'L.	±.0005	.xxxx					4.62	4		9.50		21.64	26.26	N284TC-4	
N286TC-2 26.47 23.22 11.00 9.50 6 3.25 N286TSC-2 26.47 23.22 11.00 9.50 6 3.25 N284TC-2 26.26 21.64 4 4.62 Image: second seco	REF	– C'FACE			.xxx					3.25	4		9.50		21.64	24.88	N284TSC-2	
N286TC-2 26.47 23.22 11.00 9.50 6 3.25 DEC DEC INCHES DEC INCHES DEC INCHES DEC NO DE DE	SCALE 1=2		TLE OUTLINF	±.03	.xx				_	4.62	4		9.50		21.64			
	APPD LMC 08-24-2005	AND DRIVES		±.1	.x				-	1.00			0.50		01.01	26.26	100470 0	08-15
	CHK ML 08-12-2005		(18332)							3.25	6	9.50	11.00		23.22	26.47	N286TSC-2	3
	S DRAWN MSG 08-11-2005	ELECTRIC MOTORS	F	LERANCES	TO					4.62	6	9.50	11.00		23.22	27.84	N286TC-2	0°

					T_1				T6 W2 T		90-01
					Т4 Т5	V1 W1 U2 V2 W2	T3 W1 T	5 V2		L3	T4 U2 T2 V1
							START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
							RUN (DELTA)	(T1,T6 (U1,W2	, , , , , , , , , , , , , , , , , , , ,	(⊤3,⊤5) (₩1,∀2)	
				TOLERANCES OTHERWISE S			ESO		CTRIC C		$A \top \cap N $
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019	DECIMA	ALS			1			
03	ADDED IEC DESIGNATIONS	MOL	, ,		± .01		PG 05/07/82	TITLE		ING DIAGRA	
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D.	TEM		STAR STAR		
)1	REDRAWN ON CAD REVISION	DBT BY	05/30/97 Date		± .0005 ± 1/64	APPR. SCALE	05/07/82 1=1	MAT'L.	Y-CONNECTE TA CONNECTED		
	REVISION		DAIL	FRACTIONS	$ \perp / 04$	JUALE	—		IA CONNECTED	1011 - 3111	JLL VULIAUI
10.	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPE	ERTY		ANGLES	± 1/2°	REF.	T2E	FINISH	SIZE	DRAWING NO	

