

PRODUCT INFORMATION PACKET



Model No: 170228.00

Catalog No: 170228.00

****OBSOLETE, REPLACED BY 286TSTFCD6005**** 30 HP 3600 575V TEFC 286TS PREM EFF
General Purpose Motors



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

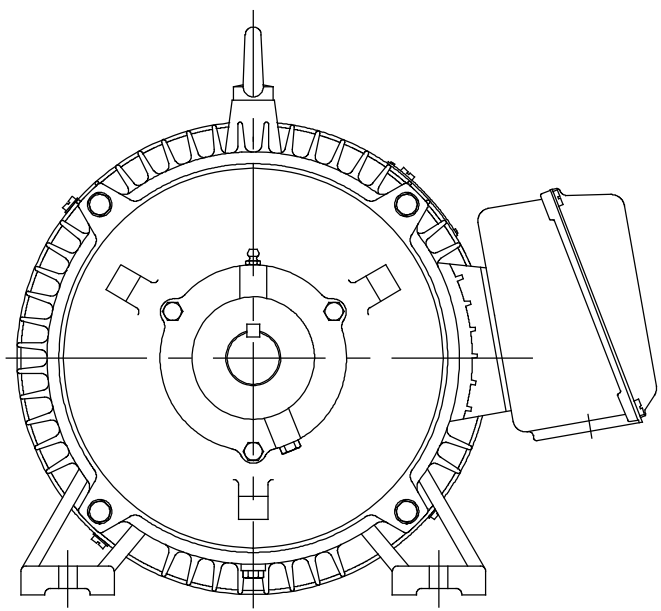
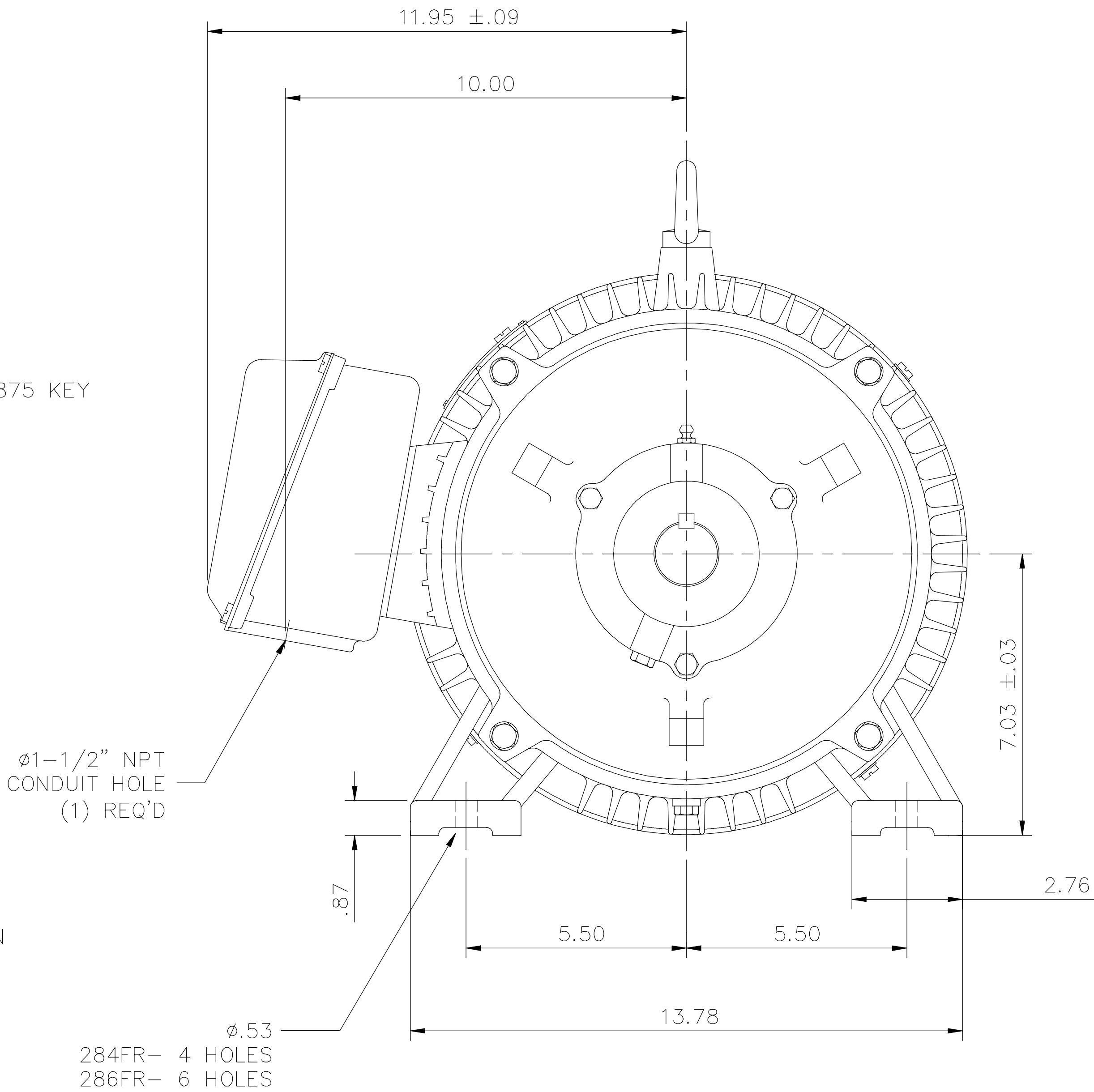
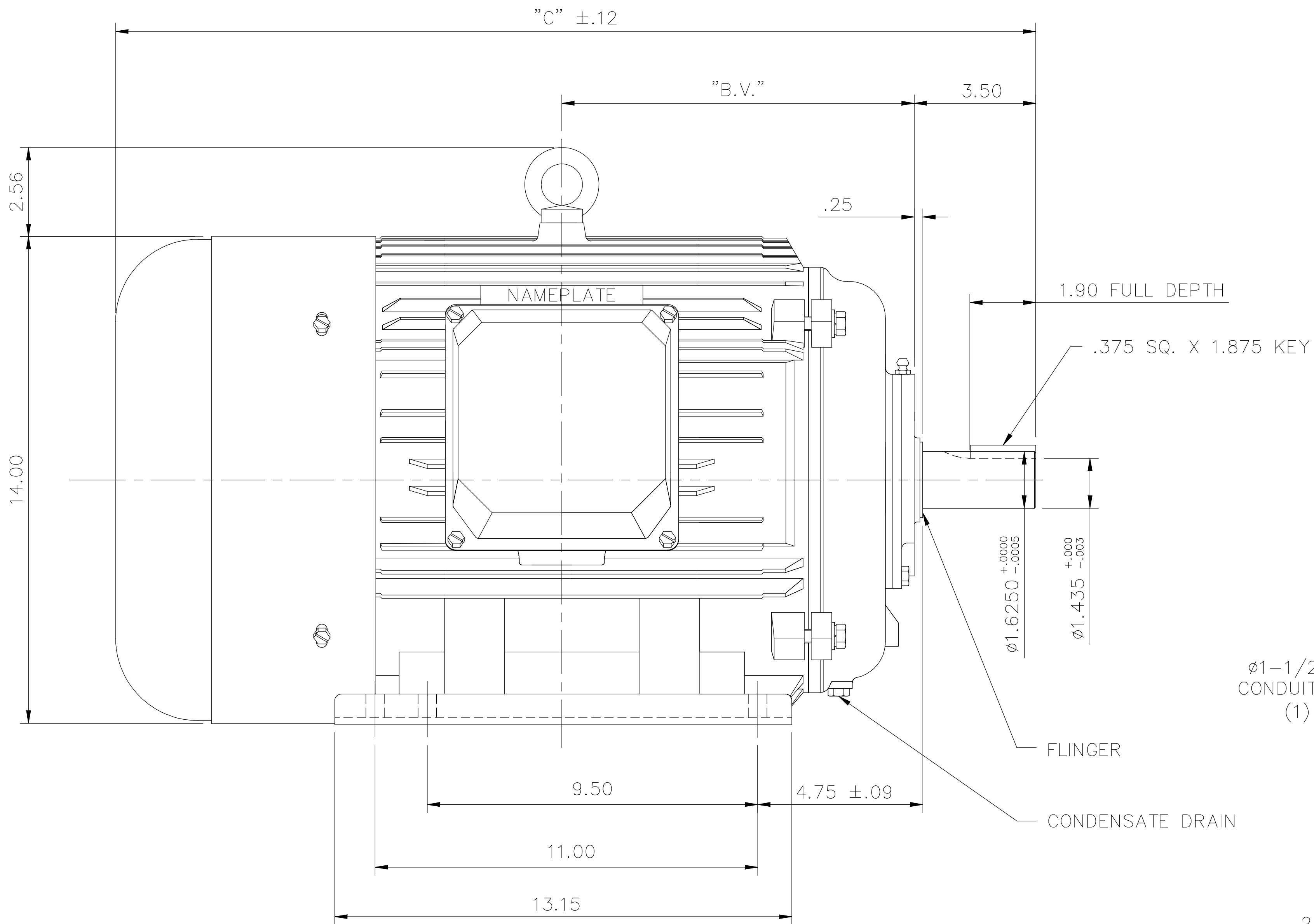
Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	575 V
Current	27.0 A	Speed	3555 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	88.7
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	286TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	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	2	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	TS
Overall Length	26.46 in	Shaft Diameter	1.625 in
Shaft Extension	3.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	16954060-286TS	Connection Drawing	005190.01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/11/2021

169540-60



F2 VIEW

FRAME DESIGN	"C"	"BV"
284TS	24.88	4.72
286TS	26.46	3.97

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	CAD FILE 16954060	SIZE B	DRAWING NO. 169540-60	PAGE OF	REV. H
					DEC.	INCHES						
H	ADDED F2 VIEW ECO-0134445	WGJ 11/10/2017	EMH	.X	±.1							
03	REMOVED REFERENCE TO 250 FRAME	MOL 08/15/2012		.XX	±.03							
02	REDRAWN TO CURRENT CAD STANDARDS	CJK 11/1/01		.XXX	±.005							
01	ADDED HOLES 286TS BASE	JKK 07/13/99		.XXXX	±.0005							
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												



REGAL-BELOIT CORPORATION

DRAWN JJK 03/29/99

CHK

APPD PG 03/31/99

SCALE 1=4

REF

FMF

PREV

005190-01



A diagram of a multi-ported device. It consists of a central vertical curved line representing the device body. To the left of this line are six horizontal lines, each starting with a 'C' label. To the right of the line are six horizontal lines, each starting with a 'T' label followed by a 'U' or 'V' label. The labels are: C, T1, U1, T2, V1, T3, W1, T4, U2, T5, V2, and T6, W2.



	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		<div>LEESON ELECTRIC CORPORATION</div>			
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019	DECIMALS					
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	DRAWN PG 05/07/82	EXT. WIRING DIAGRAM STAR START – DELTA RUN		
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D. TEM			
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	APPR. 05/07/82	MAT'L. Y-CONNECTED START (CWLE) DELTA CONNECTED RUN – SINGLE VOLTAGE		
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1			
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				ANGLES	± 1/2°	REF. T2E	FINISH	SIZE	DRAWING NO.
				INCH/MM		FMF ELECTRO POWER		A	005190-01