

PRODUCT INFORMATION PACKET



Model No: 199726.00

Catalog No: 199726.00

Obsolete Replaced by B199726.00..125HP..1800RPM.405T.ODP.460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....G
EN PURPOSE.....

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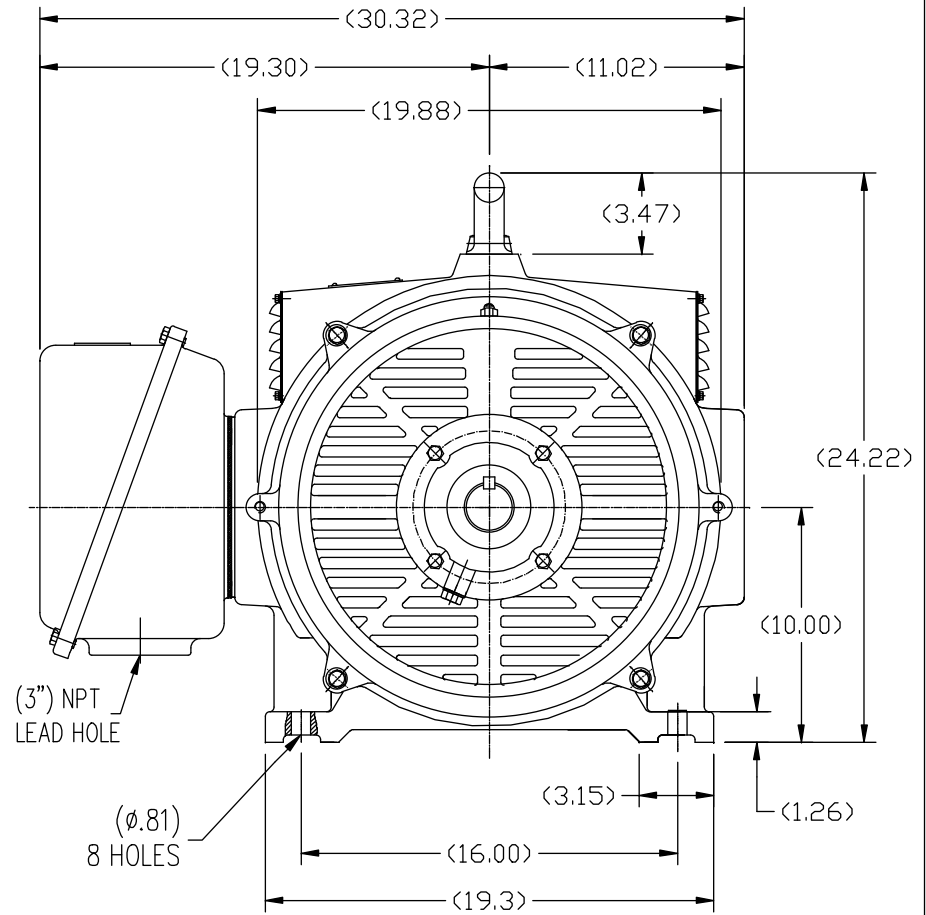
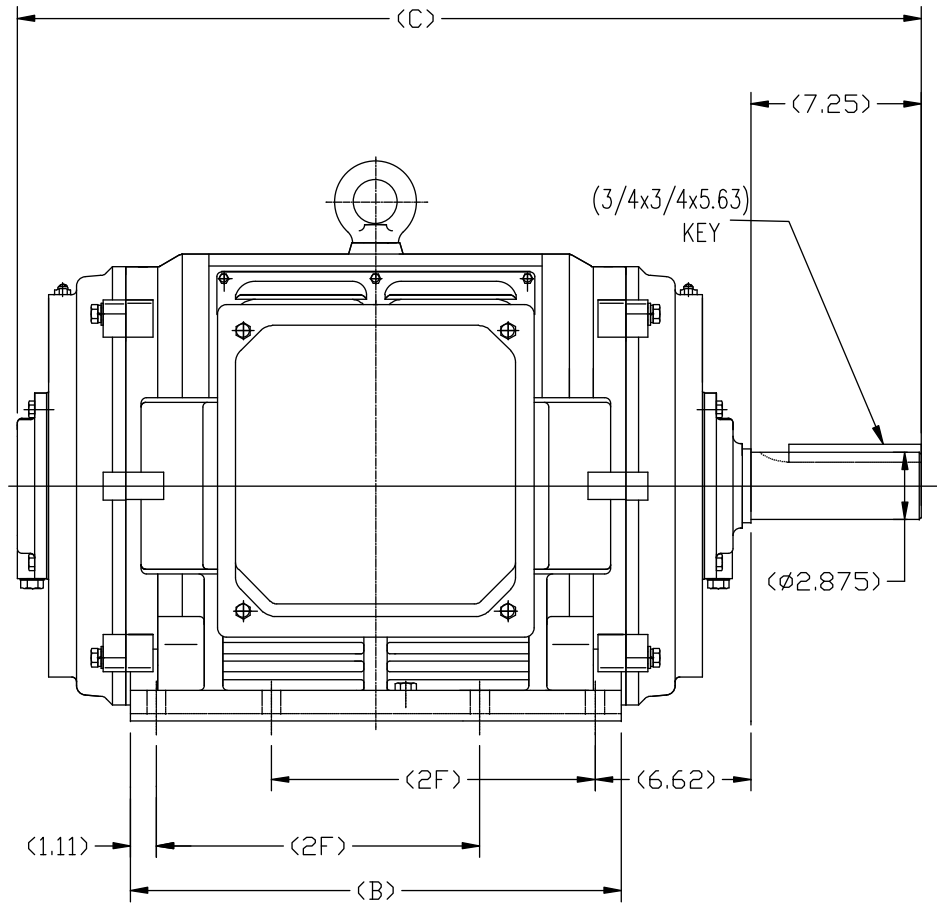
Nameplate Specifications

Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	460 & 380 V
Speed	1785 & 1488 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	140 & 135 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6315
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.042 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	VARIABLE 10:1		
Outline Drawing	SS620253-405T	Connection Drawing	EE7341C_LE

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404T	37.20	19.29	12.25
405T	38.78	20.87	13.75
FRAME	C	B	2F

TOLERANCES UNLESS SPECIFIED				REGAL REGAL-BELOIT CORPORATION		DRAWN HZJ 03-04-2010	
DEC.	INCHES					CHK	ZYH 03-04-2010
.X	±.1			TITLE OUTLINE 404/405T FR-ODP-CAST IRON		APPD	CL 03-04-2010
.XX	±.03					SCALE	1=75
.XXX	±.005					REF	
.XXXX	±.0005			MAT'L.		FMF	HWADA
NO.	REVISION	BY & DATE	CHK	ANG	±1/21	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	SS620253	SIZE
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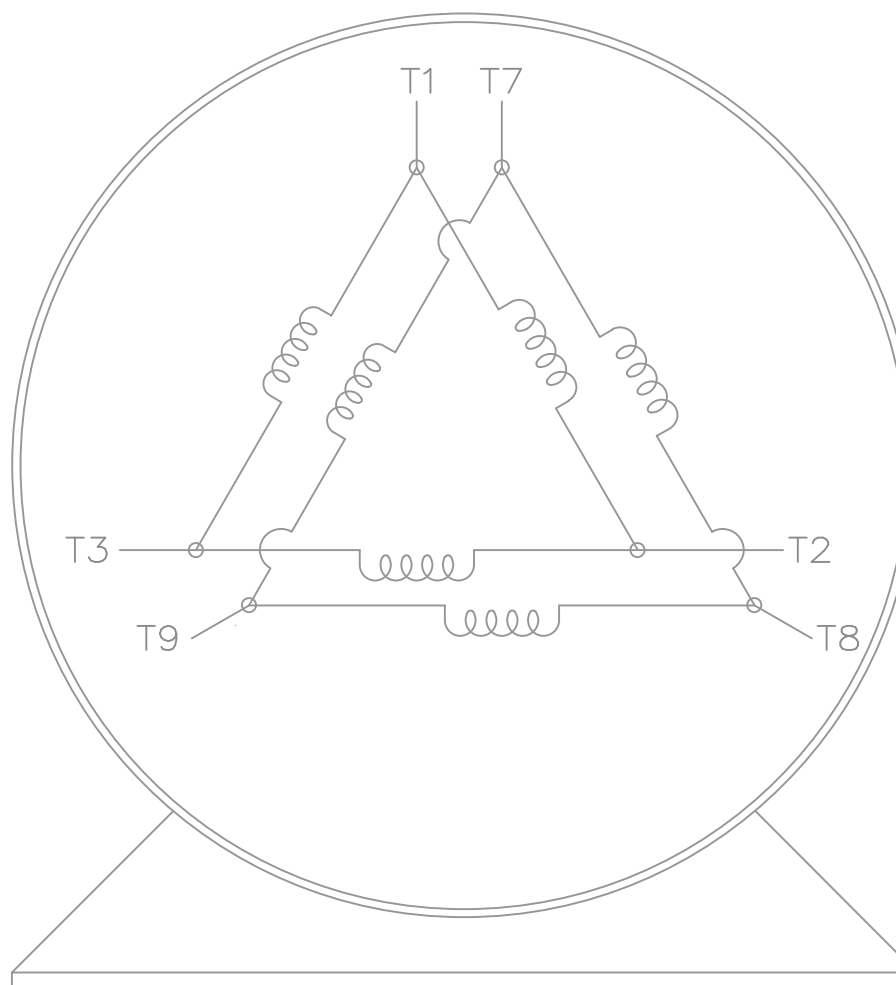
THREE PHASE — PART WINDING START DELTA — 6 LEADS

START

CONNECT T1 TO LINE 1
CONNECT T2 TO LINE 2
CONNECT T3 TO LINE 3
T7-T8-T9 OPEN

RUN

CONNECT T1&T7 TO LINE 1
CONNECT T2&T8 TO LINE 2
CONNECT T3&T9 TO LINE 3



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KL 07-23-2002						
				DEC.	INCHES		CHK DJK 07-23-2002						
				.X	± -		APPD EAB 07-23-2002						
				.XX	± -	TITLE CONNECTION DIAGRAM 3ø - 6 LEADS	SCALE 1=1						
				.XXX	± -		REF						
1	NEW DRAWING	MU42766	KL 07-23-2002	.XXXX	± -	MAT'L.	FMF						
NO.	REVISION		BY & DATE	CHK	ANG	± -	FINISH			PREV			
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				DIST WA-LB-LE					A	EE7341C-LE			1



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7341C_LE

CATALOG #: 199726.00

OUTLINE: SS620253

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT40540004 2

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
125&100	93.0&75.0	1800	1785&1488	405T	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	460&380	140&135	PWS OR INVERTER	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	95.4&95	3/4 LOAD EFF:	95.4	1/2 LOAD EFF:	95	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	88&88	3/4 LOAD PF:	86	1/2 LOAD PF:	80	95		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
367 LB-FT	900	775 LB-FT 210 %	1000 LB-FT 272 %	38

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
78 dBA	88 dBA	35 LB-FT^2	650 LB-FT^2	20 SEC.	2	1300 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	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	CAST IRON
6316	6315						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: VARIABLE 10:1

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

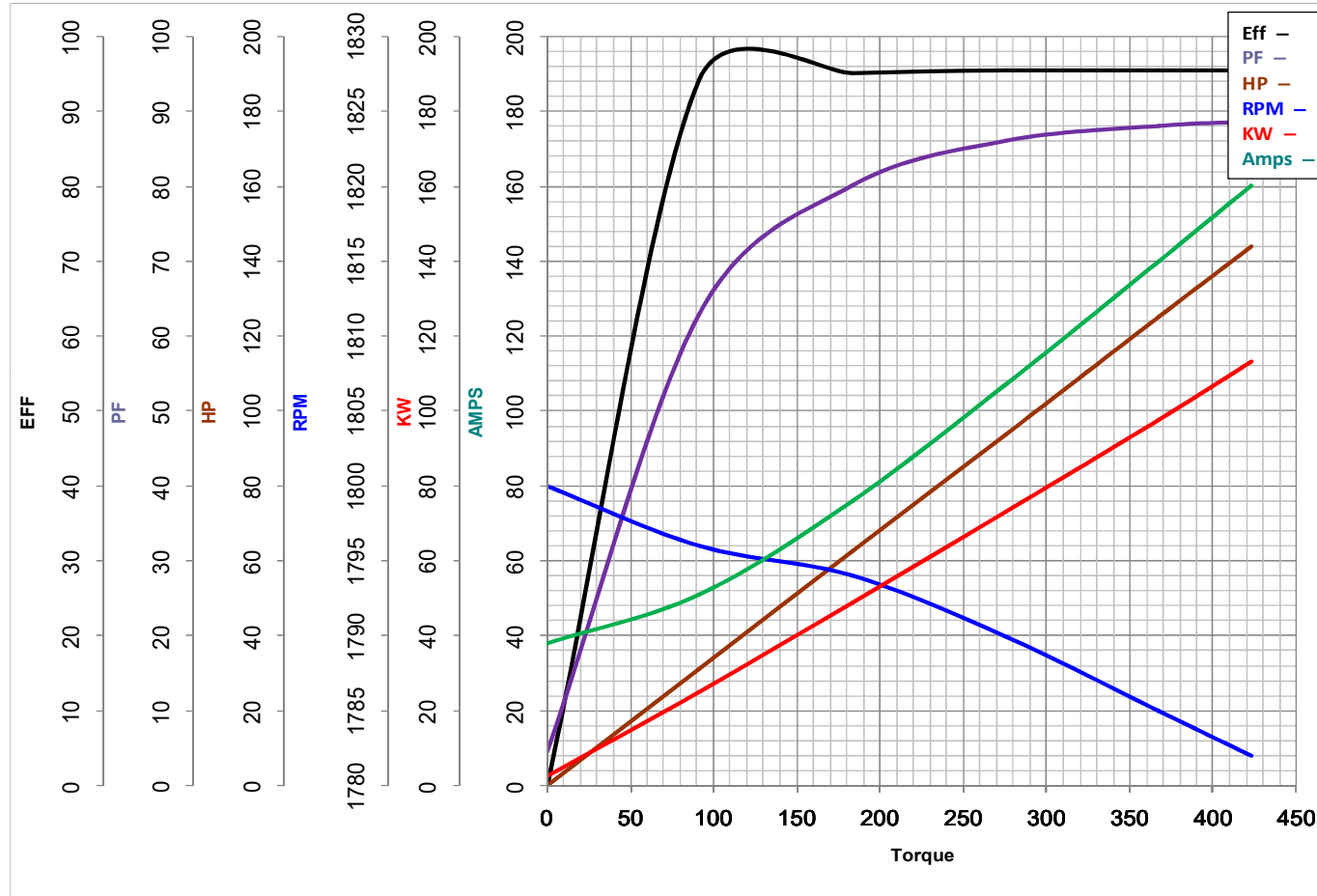


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199726.00

Curve at

460
60
125Volts
HZ
HPHP 125&100PHASE 3VOLTS 460&380Catalog No 199726.00HZ 60&50RPM 1785&1488

Torque in Lb.Ft

FL TORQUE 367 Lb.Ft
 BD TORQUE 1000 Lb.Ft
 LR TORQUE 775 Lb.Ft

FL AMPS 140
 PU TORQUE 675.0 Lb.Ft
 LR AMPS 900

WINDING CHT40540004-2

Date 11/13/2018