

PRODUCT INFORMATION PACKET



Model No: 199733.00

Catalog No: 199733.00

Obsolete Replaced by B199733.00..200HP..1200RPM.449T.ODP.460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....G
EN PURPOSE.....



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Nameplate Specifications

Phase	3	Output HP	200 & 150 Hp
Output KW	149.0 & 112.0 kW	Voltage	460 & 380 V
Speed	1188 & 990 rpm	Service Factor	1.15 & 1.15
Frame	449T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.4 & 95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	228 & 206 A	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
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	6	Rotation	Reversible
Resistance Main	.024 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	SS620255-449T	Connection Drawing	EE7341C_LE

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444T	44.57	25.20	14.50
445T	44.57	25.20	16.50
447T	49.69	30.32	20.00
449T	49.69	30.32	25.00
Frame	C	B	2F

			TOLERANCES UNLESS SPECIFIED			 REGAL-BELOIT CORPORATION		DRAWN ZYH 02-21-2010	
			DEC.	INCHES				CHK HZJ 02-21-2010	
			.X	±.1		 REGAL-BELOIT CORPORATION	APPD CL 02-21-2010		
			.XX	±.03			TITLE	OUTLINE	SCALE 6=32
G	UPDATED DRAWING PER MARK-UP ECO-0108274	WGJ 10-7-16	EMH .XXX	±.005			444/445/447/449T FR-ODP-CAST IRON		REF
A	2 leads hole change to 1	CL 2010-9-8	.XXXX	±.0005		MAT'L.		FMF HWADA	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	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 SS620255		SIZE	DRAWING NO.	REV
			DIST				B	SS620255	G

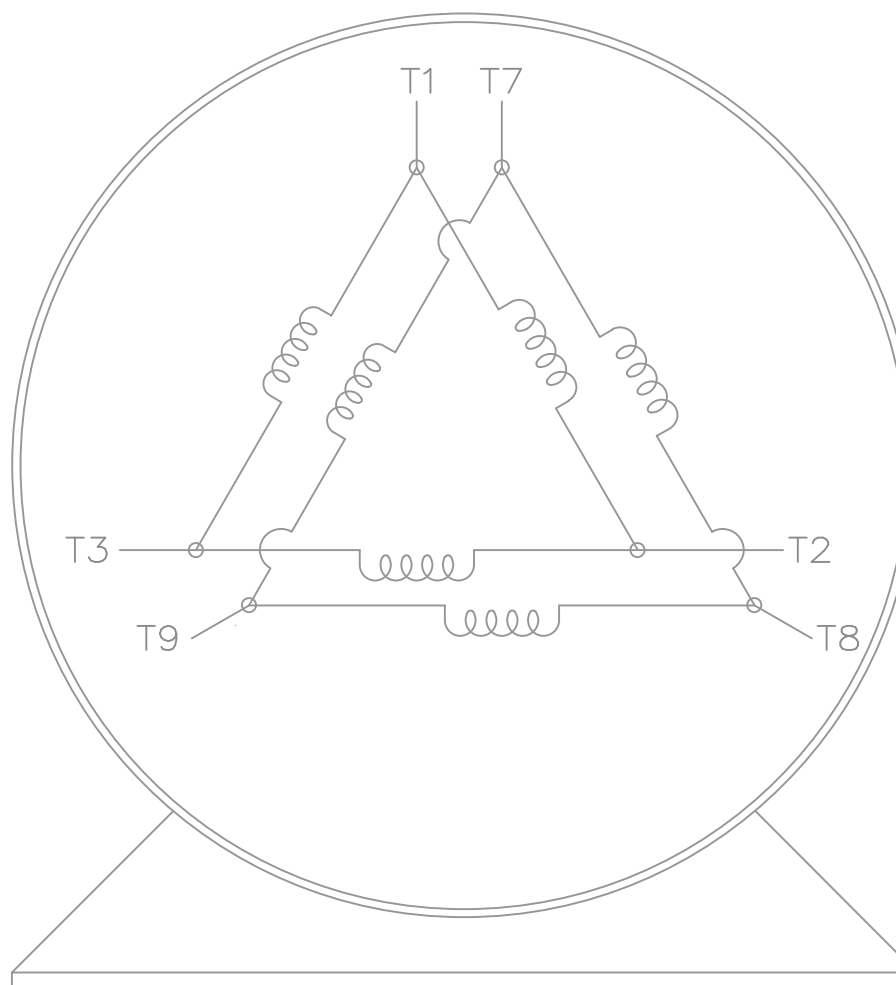
THREE PHASE — PART WINDING START DELTA — 6 LEADS

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		
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 EE7341C-LE			SIZE	DRAWING NO.	PAGE OF	REV.
				DIST WA-LB-LE					A	EE7341C-LE		



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7341C_LE

CATALOG #: 199733.00

OUTLINE: SS620255

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT44960002 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
200&150	149&112	1200	1188&990	449T	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	460&380	228&206	PWS OR INVERTER	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	95.4&95.4	3/4 LOAD EFF:	95.8	1/2 LOAD EFF:	95.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	86.5&86.5	3/4 LOAD PF:	85	1/2 LOAD PF:	80	65	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
884 LB-FT	1450	1650 LB-FT 186 %	1950 LB-FT 220 %	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
78 dBA	88 dBA	122 LB-FT^2	2600 LB-FT^2	20 SEC.	2	2650 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
6319	6317						

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



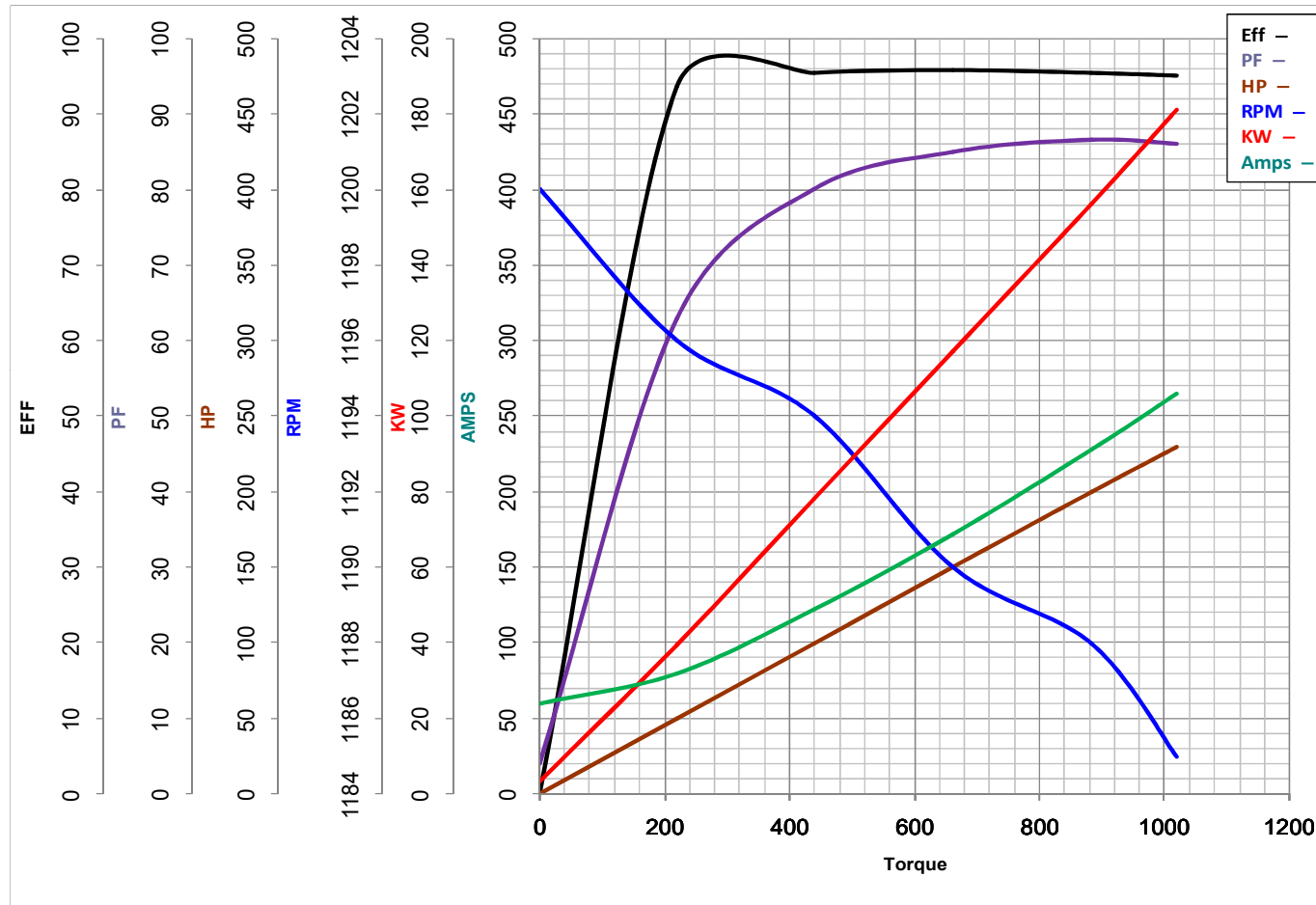
LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199733.00

Curve at

460
60
200

Volts
HZ
HP
HP 200&150PHASE 3VOLTS 460&380Catalog No 199733.00HZ 60&50RPM 1188&990

Torque in Lb.Ft

FL TORQUE 884 Lb.Ft
BD TORQUE 1950 Lb.Ft
LR TORQUE 1650 Lb.Ft

FL AMPS 228
PU TORQUE 1450.0 Lb.Ft
LR AMPS 1450

WINDING CHT44960002-1

Date 11/13/2018