

PRODUCT INFORMATION PACKET



Model No: 199728.00
Catalog No: 199728.00
.Obsolete,

aced by B199728.00 -.150HP..3600RPM.405TS.ODP.460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....GEN PURPOSE....



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Nameplate Specifications

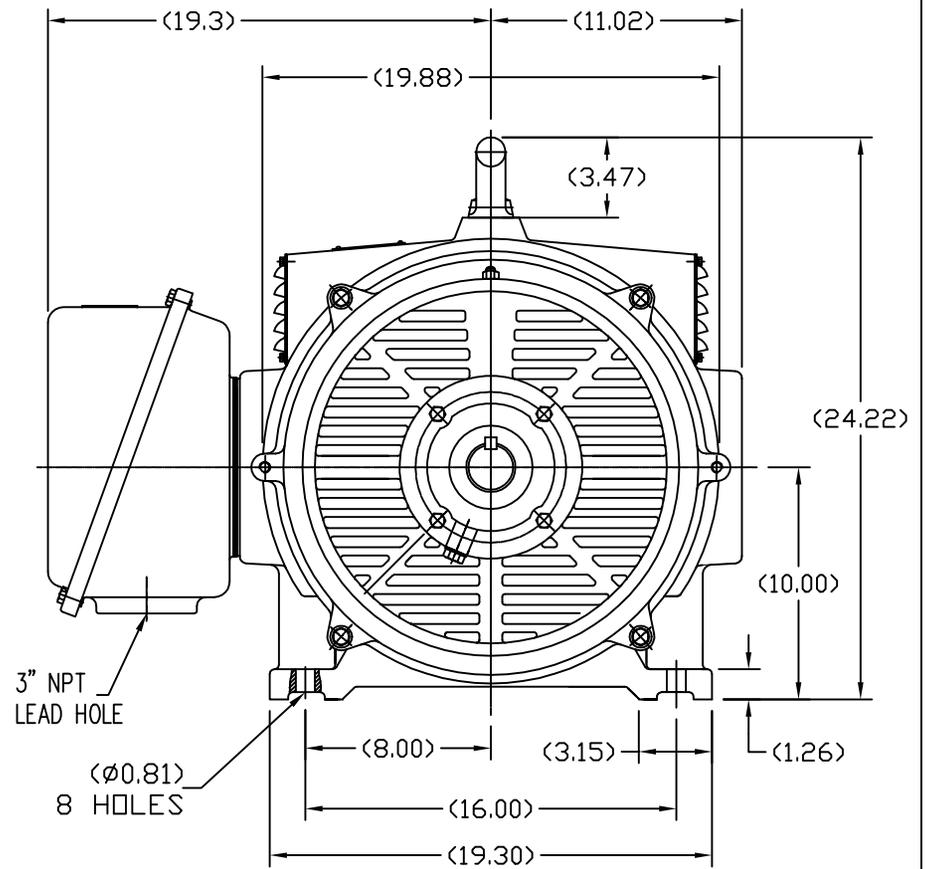
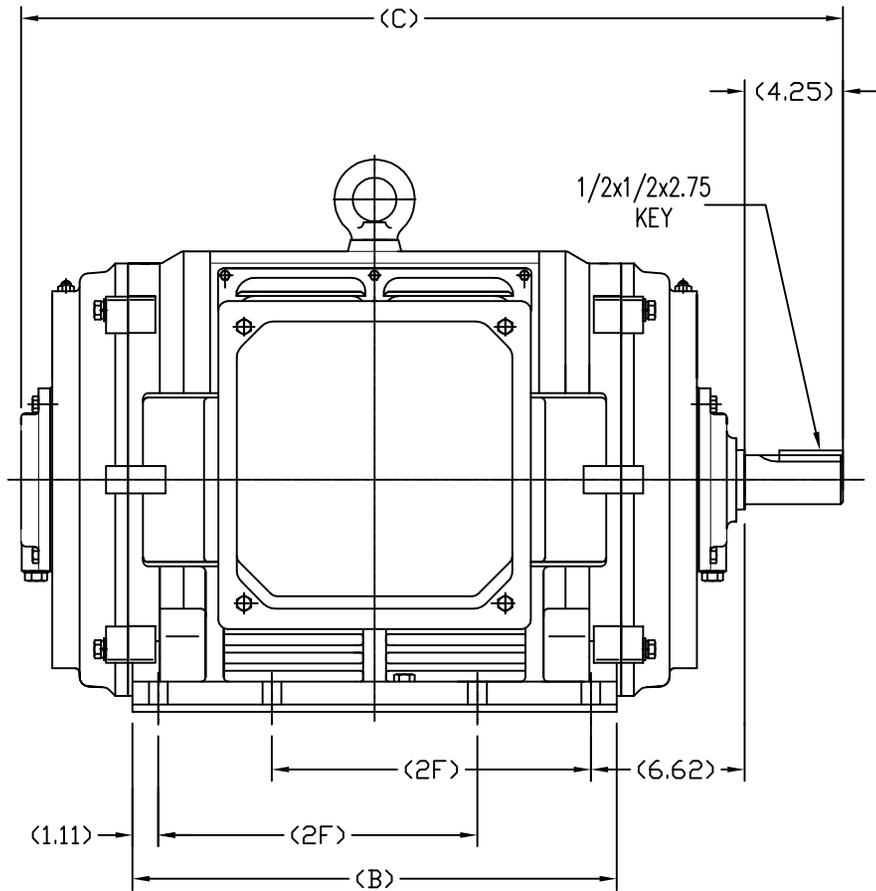
Phase	3	Output HP	150 & 125 Hp
Output KW	112.0 & 93.0 kW	Voltage	460 & 380 V
Speed	3575 & 2975 rpm	Service Factor	1.15 & 1.15
Frame	405TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	94.1 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	164 & 165 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	NONE	Opp Drive End Bearing Size	NONE
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	2	Rotation	Reversible
Resistance Main	.035 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	VARIABLE 10:1		
Outline Drawing	SS620254	Connection Drawing	EE7341C_LE

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SS620254



404TS	33.86	19.29	12.25
405TS	35.44	20.87	13.75
Frame	C	B	2F

		TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN CL 03-04-2010	
		DEC.	INCHES	REGAL-BELOIT CORPORATION		CHK ZYH 03-04-2010	
		X	±.1	TITLE		SCALE 1=75	
		.XX	±.03	404/405TS FR-DDP-CAST IRON		REF	
		.XXX	±.005	MAT'L		FMF HWADA	
		.XXXX	±.0005	FINISH		PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	RFP	CAD FILE SS620254
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				DIST		SIZE B	DRAWING NO. SS620254
						REV.	SS620254

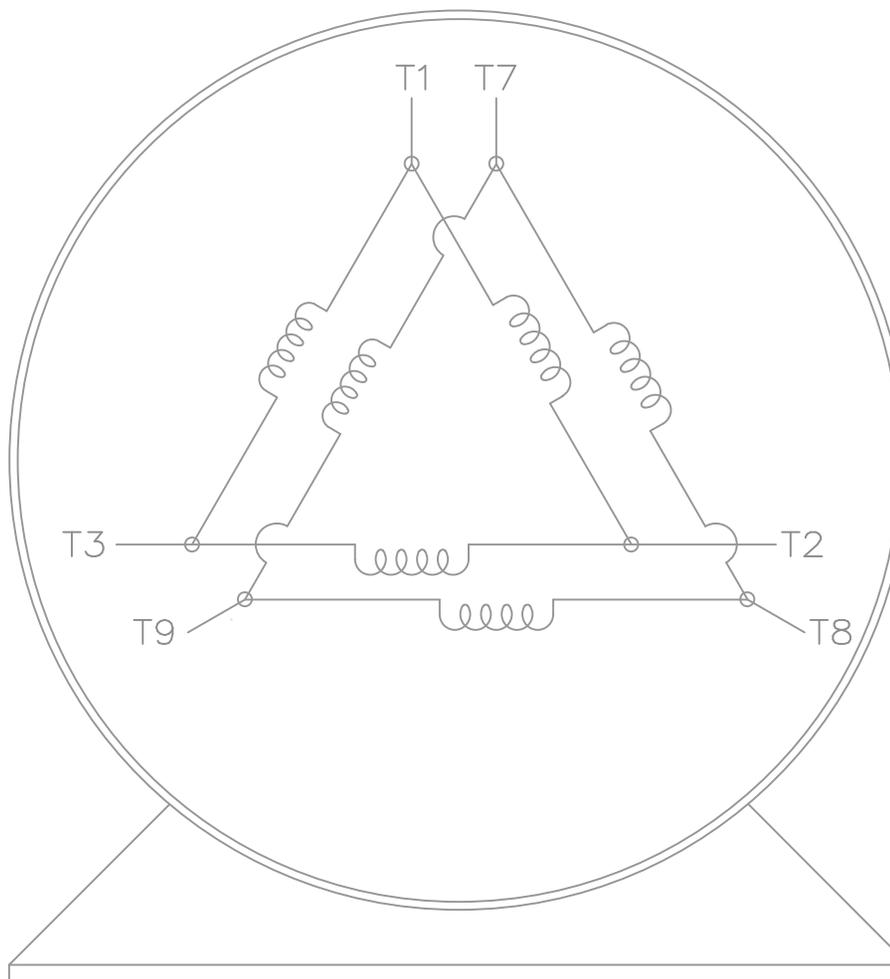
THREE PHASE – PART WINDING START
DELTA – 6 LEADS

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				
				.XXX	± -		3φ - 6 LEADS				
1	NEW DRAWING	MU42766	KL 07-23-2002	.XXXX	± -	MAT'L.	SCALE	1=1			
NO.	REVISION		BY & DATE	CHK	ANG	FINISH	REF				
				RFP	CAD FILE EE7341C-LE		SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	WA-LB-LE		A	EE7341C-LE			1

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CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7341C_LE

CATALOG #: 199728.00

OUTLINE: SS620254

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT40520002 3

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
150&125	112&93.0	3600	3575&2975	405TS	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	460&380	164&165	PWS OR INVERTER	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	94.1&94.1	3/4 LOAD EFF:	94.1	1/2 LOAD EFF:	93.6	GTD. EFF	93.6	ELEC. TYPE	SQ CAGE INV RATED
FULL LOAD PF:	90&90	3/4 LOAD PF:	89	1/2 LOAD PF:	85				

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B,D. TORQUE	F.L. RISE°C
220 LB-FT	1085	450 LB-FT 205 %	600 LB-FT 272 %	35

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
80 dBA	90 dBA	17 LB-FT^2	140 LB-FT^2	10 SEC.	2	1100 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	TS	NONE	NONE	AISI 1045 (C-240)	CAST IRON
NONE	NONE						

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

*
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S

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



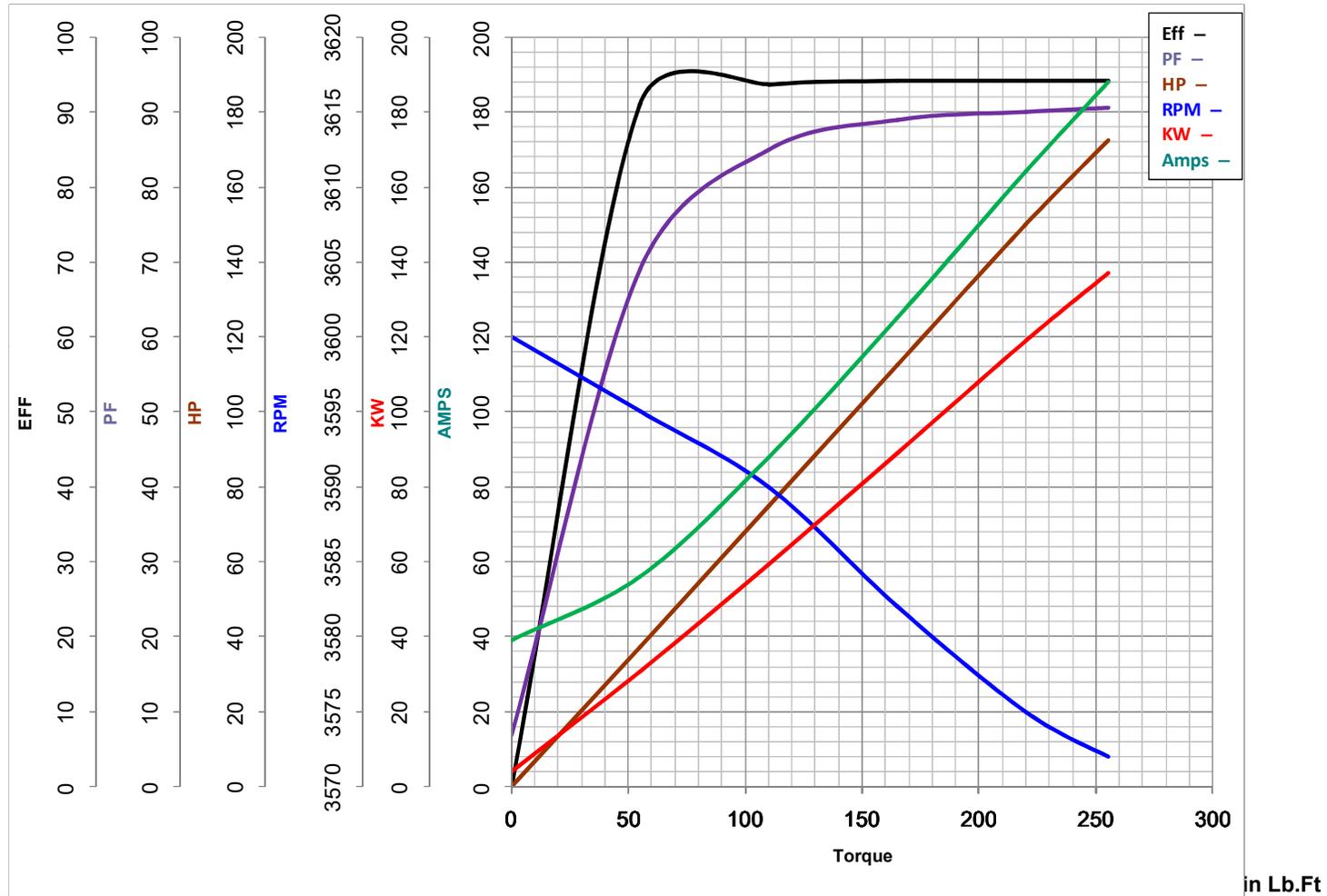
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199728.00

Curve at 460 Volts HP 150&125 PHASE 3
60 HZ
150 HP VOLTS 460&380

Catalog No 199728.00

HZ 60&50 RPM 3575&2975



FL TORQUE	<u>220</u>	Lb.Ft	FL AMPS	<u>164</u>	
BD TORQUE	<u>600.0</u>	Lb.Ft	PU TORQUE	<u>400.0</u>	Lb.Ft
LR TORQUE	<u>450</u>	Lb.Ft	LR AMPS	<u>1085</u>	
WINDING	CHT40520002-3			Date	11/13/2018