

PRODUCT INFORMATION PACKET



Model No: 199816.00
Catalog No: 199816.00
75,1800,DP,365TC,3,60,230/460



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Nameplate Specifications

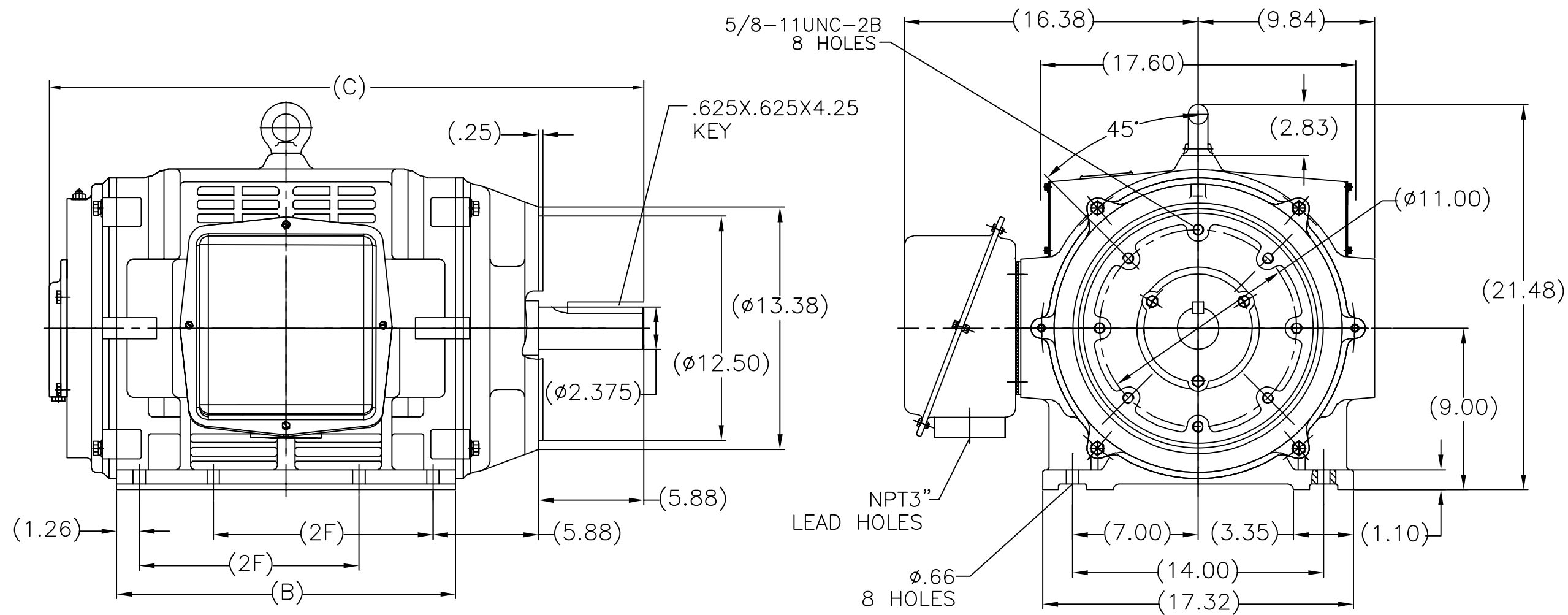
Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	1785 & 1485 rpm	Service Factor	1.15 & 1.15
Frame	365TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95 & 95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	174/87 & 168/84 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0698 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	SS620662	Connection Drawing	EE7308AA-LE

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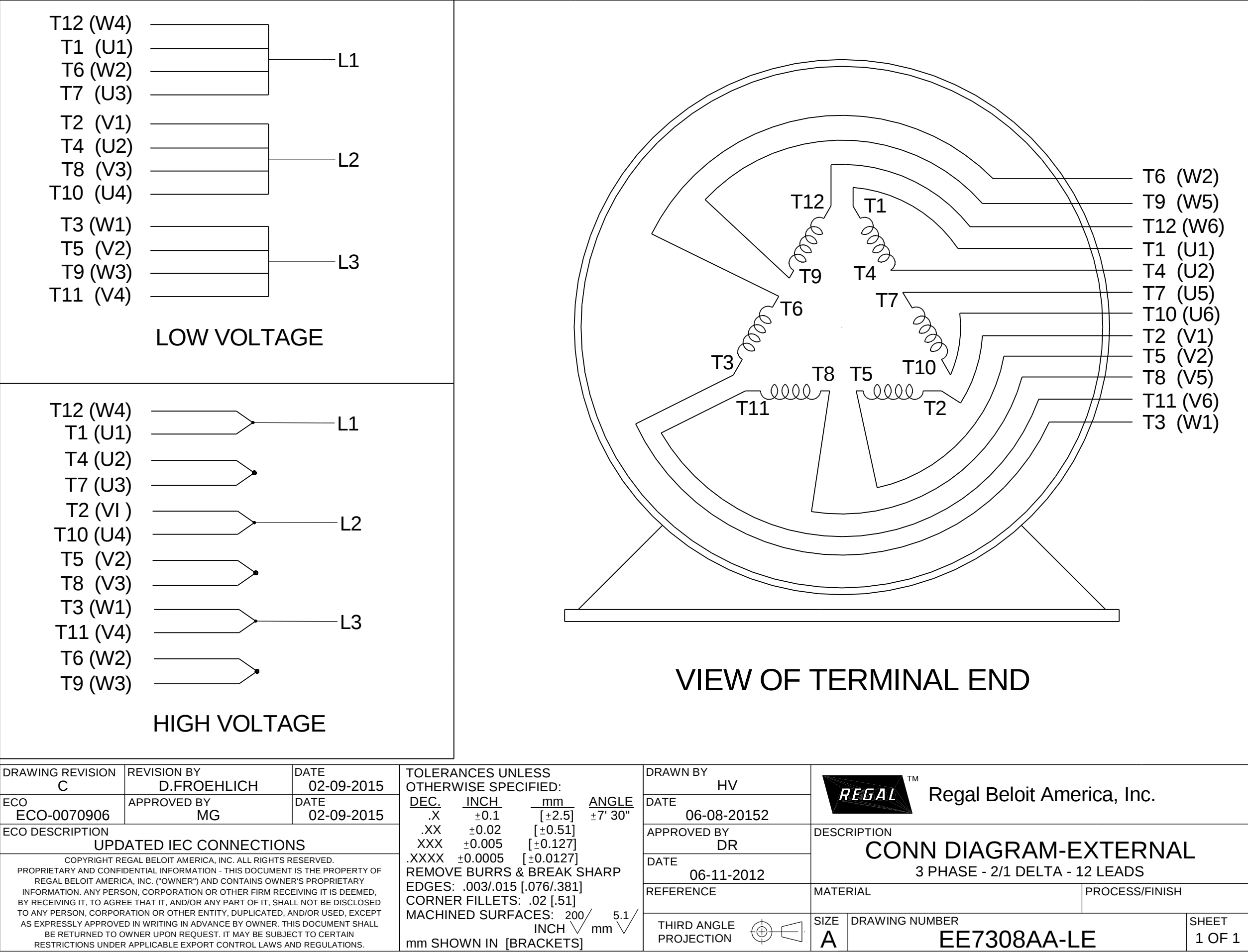
SS620662



(DRAWING MAY NOT BE TO SCALE)

364TC	31.69	16.93	11.25
365TC	33.27	18.51	12.25
FRAME	C	B	2F

		TOLERANCES UNLESS SPECIFIED		REGAL - BELOIT CORPORATION	DRAWN ZYH 04/16/2013	
		DEC.	INCHES		CHK	
		.X	±.1	TITLE OUTLINE 364/365TC FR-ODP-CAST IRON	APPD	
		.XX	±.03		SCALE	N/A
		.XXX	±.005		REF	
		.XXXX	±.0005		FMF	
1	REVISED DIM's PER. ECO-0050387	RFH	04/28/2014	MAT'L	PREV	
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	
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 SS620662.dwg	SIZE
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CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7308AA-LE

CATALOG #: 199816.00

OUTLINE: SS620662

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT36540004 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
75&60	56.0&45.0	1800	1785&1485	365TC	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	174/87&168/84	Y START D RUN OR INV	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	95&95.4	3/4 LOAD EFF:	95	1/2 LOAD EFF:	95	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	85&85	3/4 LOAD PF:	82.5	1/2 LOAD PF:	75.5	94.5	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
221 LB-FT	1080 / 540	410.5 LB-FT 185 %	555 LB-FT 251 %	36

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
79 dBA	89 dBA	19 LB-FT^2	- LB-FT^2	20 SEC.	2	950 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	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
6314	6313						

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

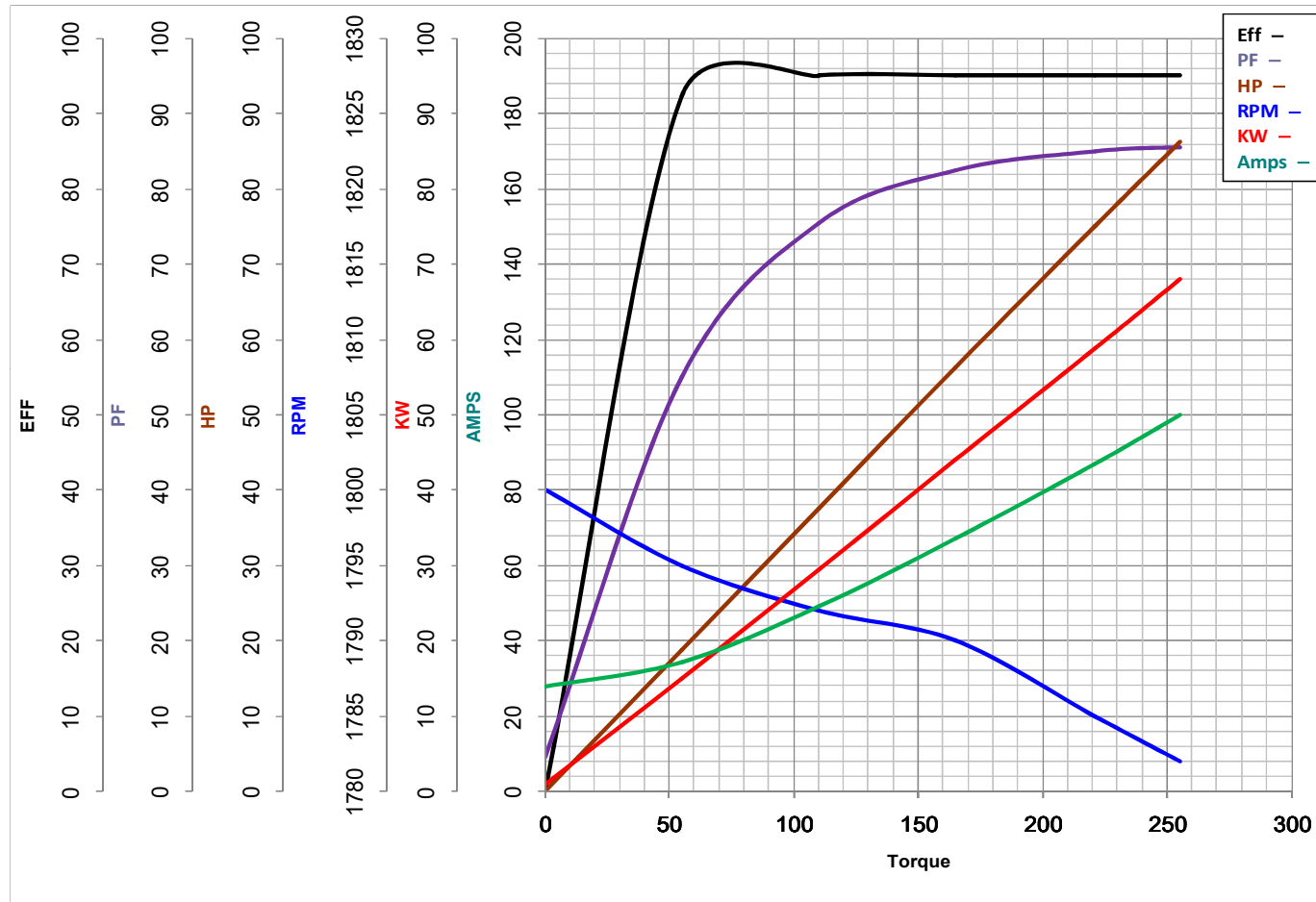


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199816.00

Curve at

460
60
75Volts
HZ
HPHP 75&60PHASE 3VOLTS 230/460&190/380Catalog No 199816.00HZ 60&50RPM 1785&1485

Torque in Lb.Ft

FL TORQUE 221 Lb.Ft
 BD TORQUE 555.0 Lb.Ft
 LR TORQUE 410.5 Lb.Ft

FL AMPS 174/87
 PU TORQUE 300.0 Lb.Ft
 LR AMPS 540

WINDING CHT36540004-1

Date 12/13/2018