

PRODUCT INFORMATION PACKET



Model No: 199756.00

Catalog No: 199756.00

Obsolete Replaced by B199756.00..75HP..3600RPM.364TSC.ODP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C
FACE.....GEN PURPOSE.....



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Nameplate Specifications

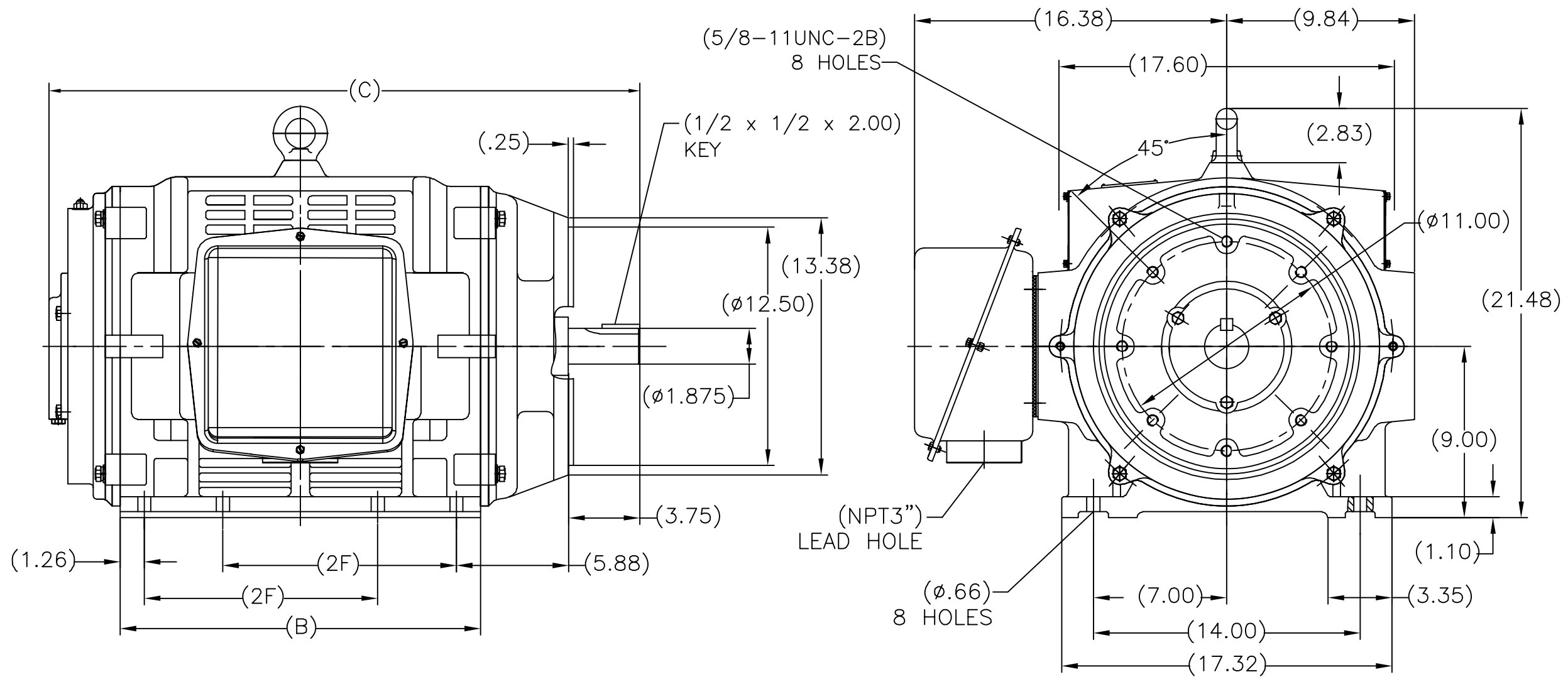
Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	3570 & 2975 rpm	Service Factor	1.15 & 1.15
Frame	364TSC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	93.6 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	166/83 & 159/79.5 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
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	2	Rotation	Reversible
Resistance Main	.0806 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	SS620596	Connection Drawing	EE7308AA-LE

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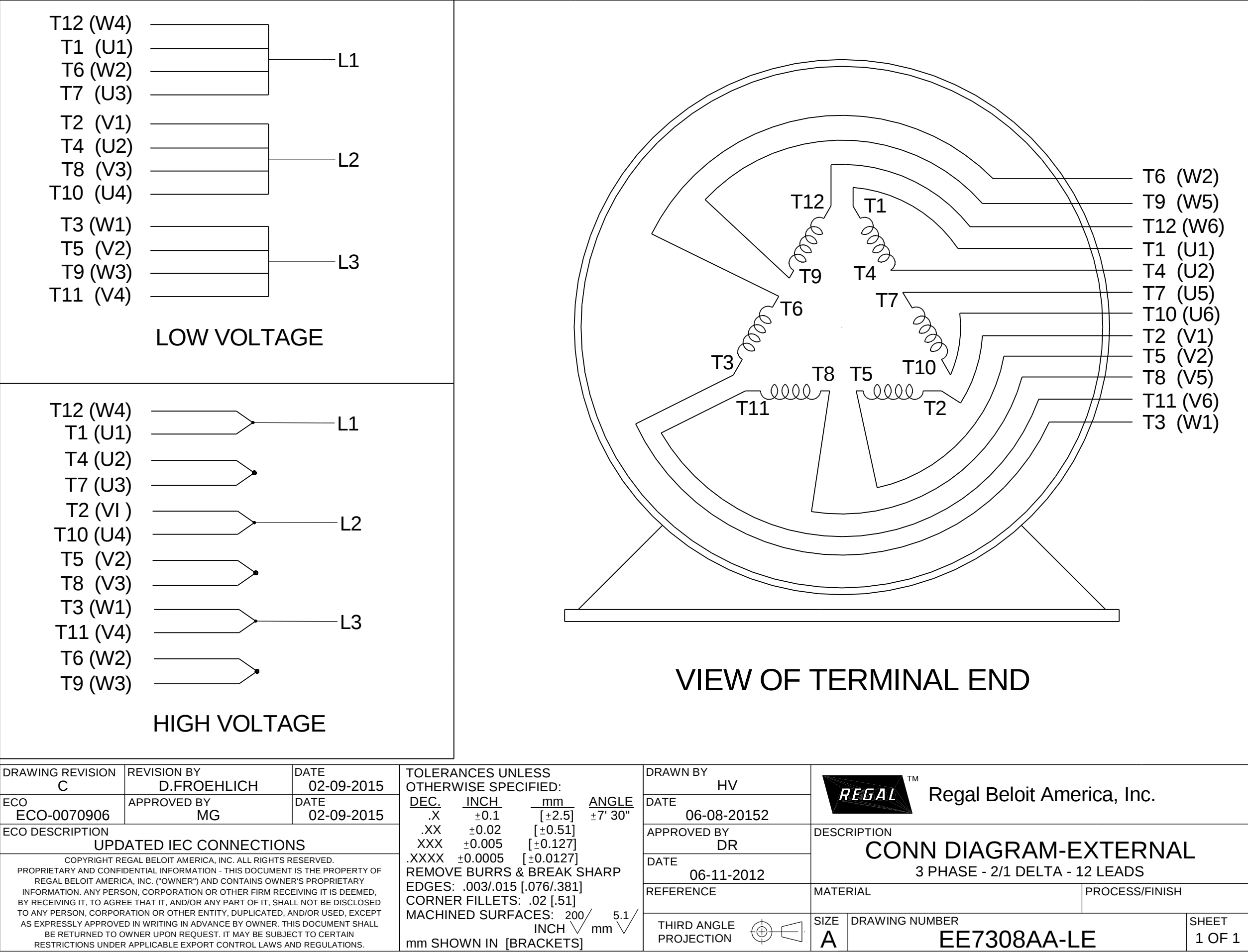
SS620596



(DRAWING MAY NOT BE TO SCALE)

364TSC	29.57	16.93	11.25
365TSC	31.14	18.51	12.25
FRAME	C	B	2F

		TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN ZYH 11/05/2013	
		DEC.	INCHES			CHK	
		.X	±.1			APPD	
		.XX	±.03	TITLE OUTLINE		SCALE	N/A
		.XXX	±.005	364/365TSC FR - ODP - CAST IRON		REF	
		.XXX	±.0005	MAT'L		FMF	
		ANG	±1/2°	FINISH		PREV	
1	REVISED DIM's PER. ECO-0050387	RFH	04/30/2014				
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	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 SS620596	SIZE	DRAWING NO. PAGE 1 OF 1
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CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: EE7308AA-LE

CATALOG #: 199756.00

OUTLINE: SS620596

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT36420003 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
75&60	56.0&45.0	3600	3570&2975	364TSC	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	166/83&159/79.5	Y START D RUN OR INV	CONTINUOUS	F1	1.15/1.15	40

FULL LOAD EFF:	93.6&93	3/4 LOAD EFF:	93.6	1/2 LOAD EFF:	93.6	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	90&88	3/4 LOAD PF:	88	1/2 LOAD PF:	84	93	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
110 LB-FT	1084 / 542	205 LB-FT 185 %	275 LB-FT 250 %	30

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	8 LB-FT^2	- LB-FT^2	15 SEC.	2	710 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	TS	NONE	NONE	AISI 1045 (C-240)	CAST IRON
6312	6312						

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

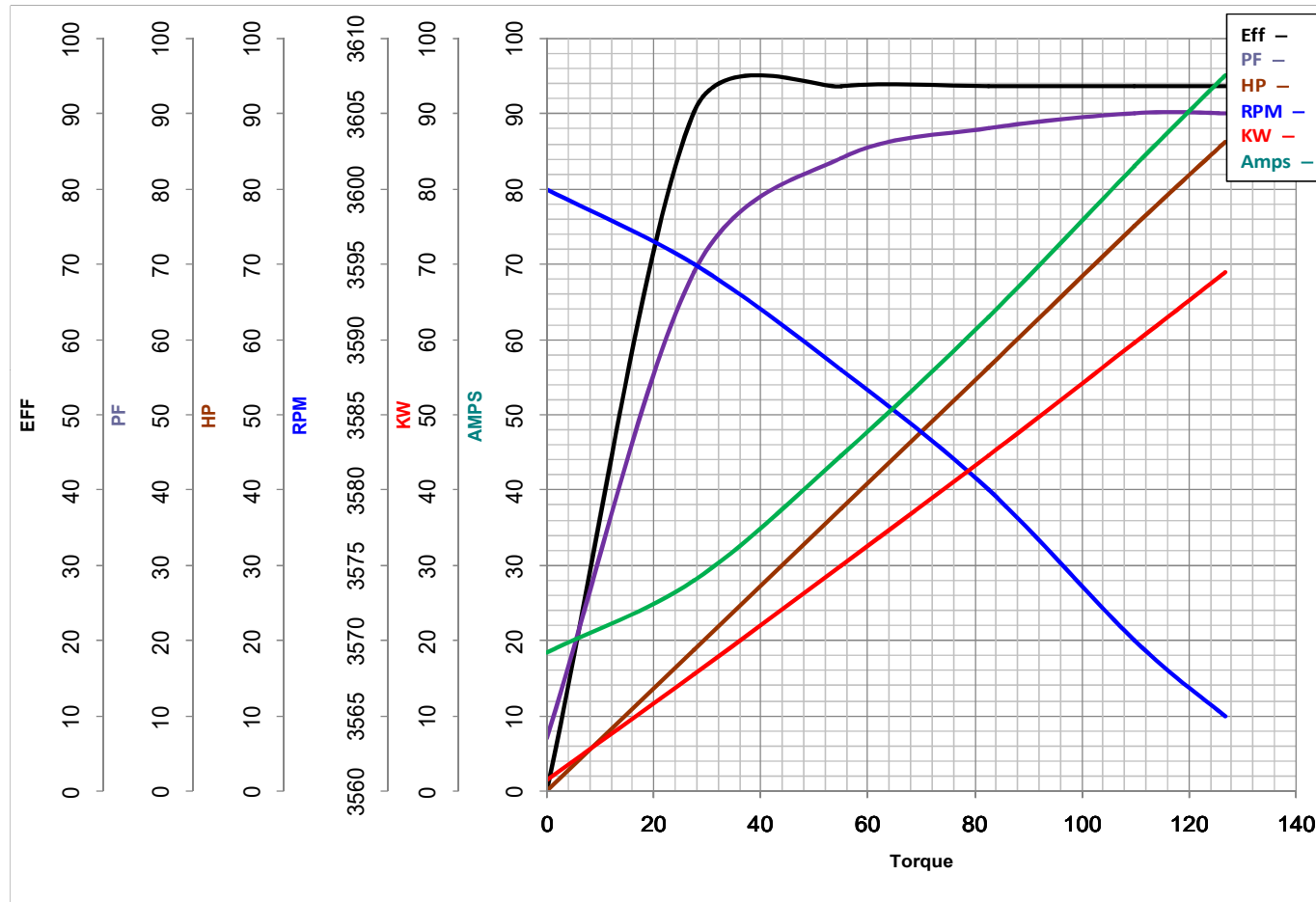
NONE NONE

NONE FT-LB NONE V NONE Hz

Model No 199756.00Catalog No 199756.00

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 460
60
75Volts
HZ
HPHP 75&60PHASE 3VOLTS 230/460&190/380HZ 60&50RPM 3570&2975

Torque in Lb.Ft

FL TORQUE 110 Lb.Ft
 BD TORQUE 275.0 Lb.Ft
 LR TORQUE 205 Lb.Ft

FL AMPS 166/83
 PU TORQUE 175.0 Lb.Ft
 LR AMPS 542

WINDING CHT36420003-1

Date 12/13/2018