

PRODUCT INFORMATION PACKET



Model No: 199073.00

Catalog No: 199073.00

Obsolete Replaced by B199073.00..75HP..3600RPM.365TSC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-
C.....GENERAL PURPOSE.....



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Nameplate Specifications

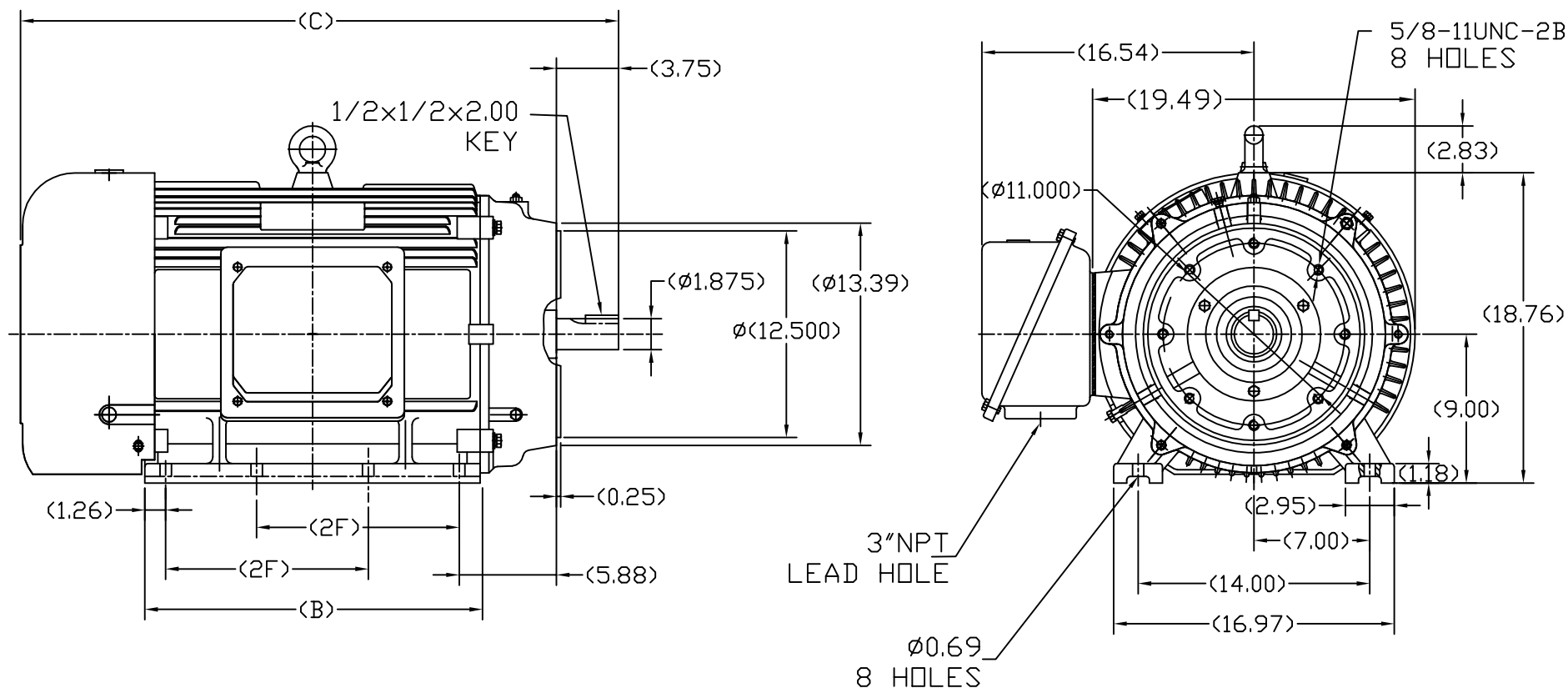
Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	3572 & 2972 rpm	Service Factor	1.15 & 1.0
Frame	365TSC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	167/83.5 & 160/80 A	Power Factor	89
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	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.07 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	CONSTANT 2:1		
Outline Drawing	SS620303-365TSC	Connection Drawing	A-EE7308AA-LE

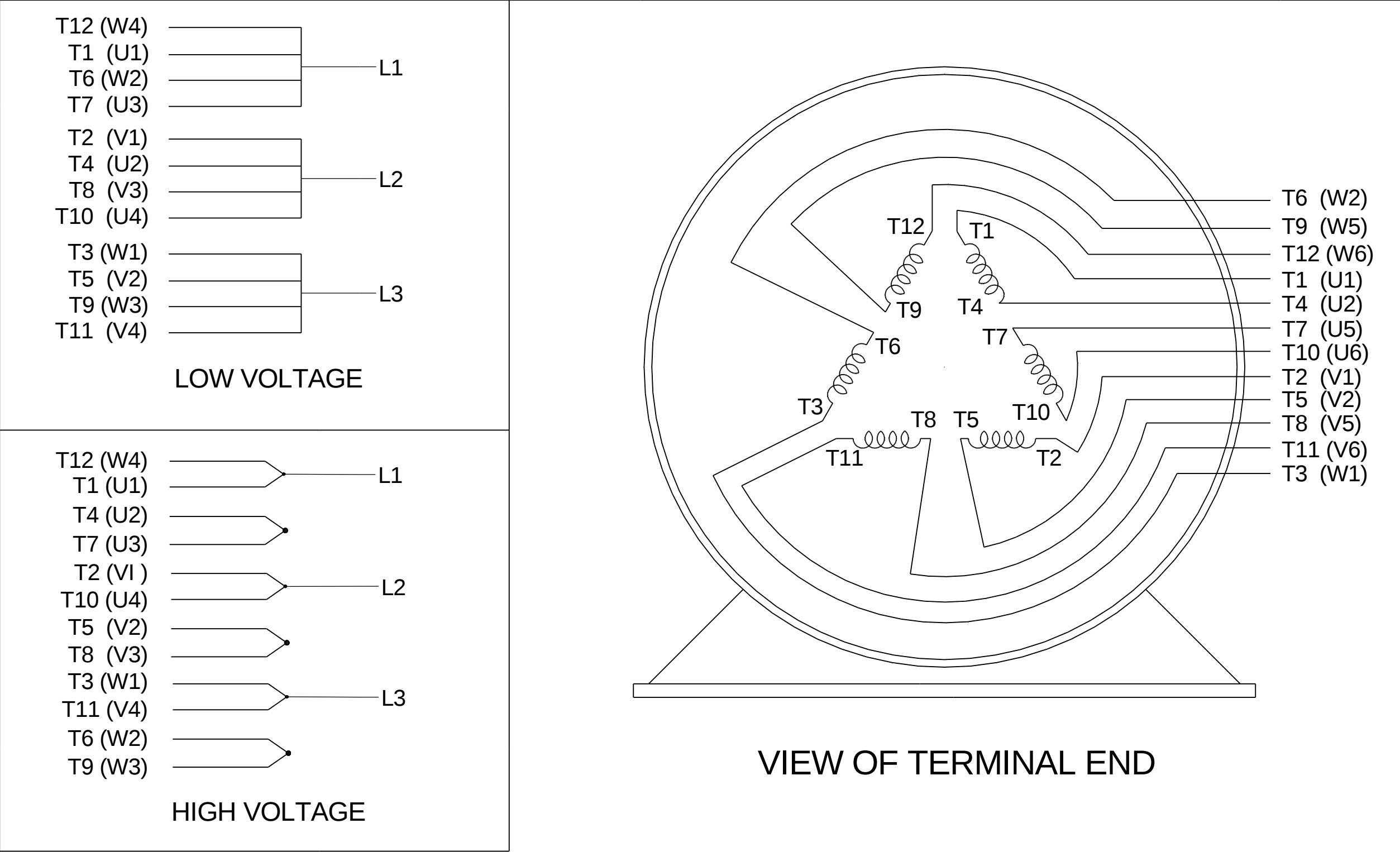
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SS620303



364TSC	34.48	18.50	11.25
365TSC	36.26	20.28	12.25
FRAME	C	B	2F

TOLERANCES UNLESS SPECIFIED		DEC. INCHES		REGAL-BELOIT CORPORATION		DRAWN SY 4-21-2010	
.X			±.1			CHK	HZJ 4-21-2010
.XX			±.03			APPD	CL 4-21-2010
.XXX			±.005			SCALE	1=8
.XXXX			±.0005			REF	
			±1/2			FMF	HWADA
						PREV	
NO. REVISION		BY & DATE		CAD FILE SS620303		SIZE B	
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		DIST		DRAWING NO. SS620303	
						REV.	



DRAWING REVISION C		REVISION BY D.FROEHLICH	DATE 02-09-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±7° 30" .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [0.51] MACHINED SURFACES: 200 INCH ✓ mm ✓ mm SHOWN IN [BRACKETS]	DRAWN BY HV		REGAL Regal Beloit America, Inc.		
ECO ECO-0070906		APPROVED BY MG	DATE 02-09-2015		DATE 06-08-20152	DESCRIPTION			
ECO DESCRIPTION UPDATED IEC CONNECTIONS					APPROVED BY DR	CONN DIAGRAM-EXTERNAL			
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					REFERENCE	MATERIAL	PROCESS/FINISH		
				THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7308AA-LE	SHEET 1 OF 1		



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: A-EE7308AA-LE

CATALOG #: 199073.00

OUTLINE: B-SS620303

MOUNTING: F1/F2 CAPABLE

WINDING #: CHT36520001 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
75&60	56.0&45.0	3600	3572&2972	365TSC	TEFC	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	167/83.5&160/80	LINE OR INVERTER	CONTINUOUS	F1	1.15/1.0	40

FULL LOAD EFF:	94.1&94.1	3/4 LOAD EFF:	94.1	1/2 LOAD EFF:	93.6	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	89&89.5	3/4 LOAD PF:	87	1/2 LOAD PF:	82	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	220 LB-FT 200 %	300 LB-FT 272 %	70

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	9.5 LB-FT^2	50 LB-FT^2	15 SEC.	2	1125 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: CONSTANT 2:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

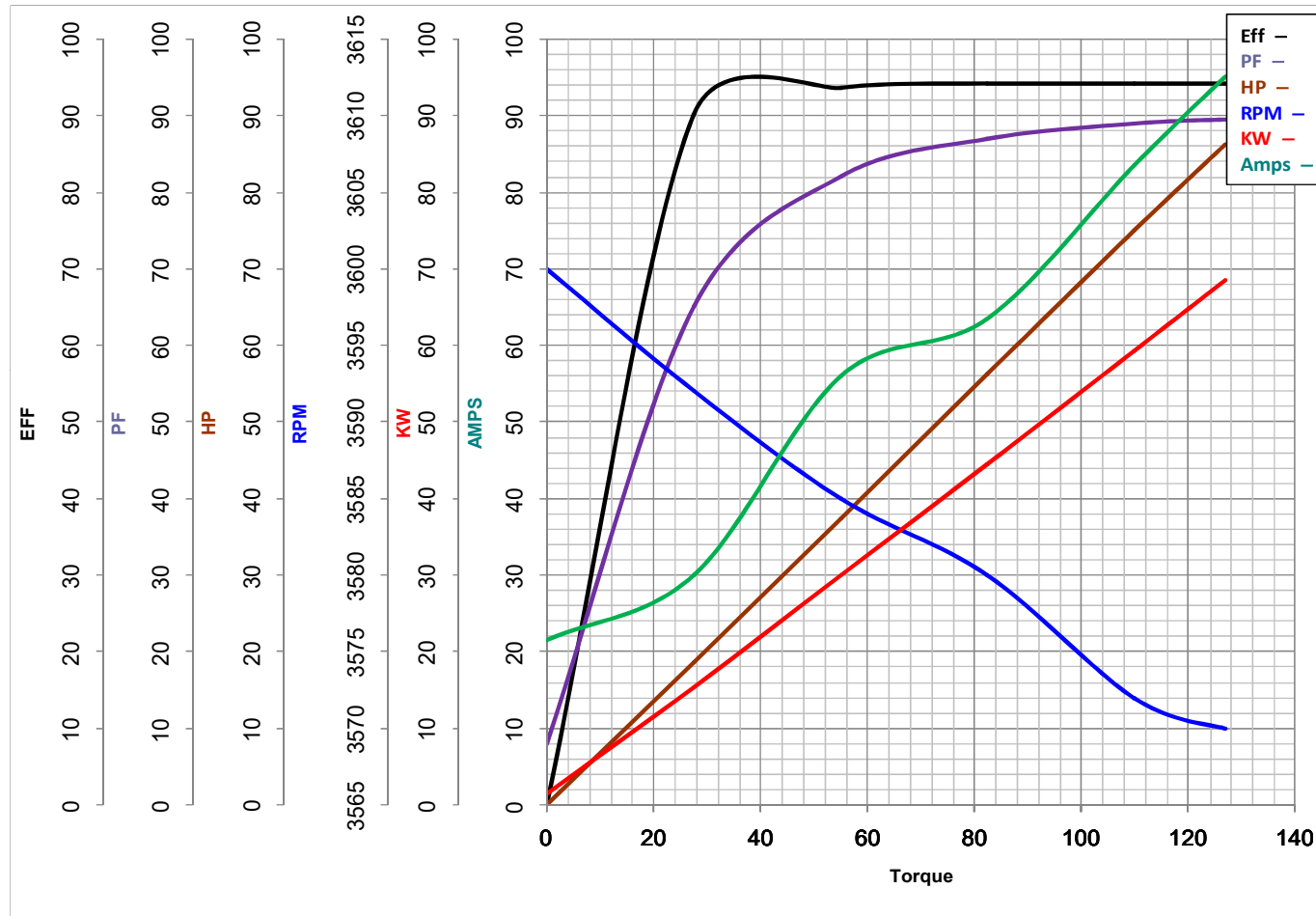
NONE NONE

NONE FT-LB NONE V NONE Hz



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 199073.00Curve at 460
60
75Volts
HZ
HPHP 75&60PHASE 3VOLTS 230/460&190/380Catalog No 199073.00HZ 60&50RPM 3572&2972

Torque in Lb.Ft

FL TORQUE 110 Lb.Ft
 BD TORQUE 300.0 Lb.Ft
 LR TORQUE 220 Lb.Ft

FL AMPS 167/83.5
 PU TORQUE 180.0 Lb.Ft
 LR AMPS 542

WINDING CHT36520001-1

Date 12/13/2018