

PRODUCT INFORMATION PACKET



Model No: 111963.00

Catalog No: 111963.00

Definite Purpose Motor, 1.50 & 0.67 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 56H Frame,
DP



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E



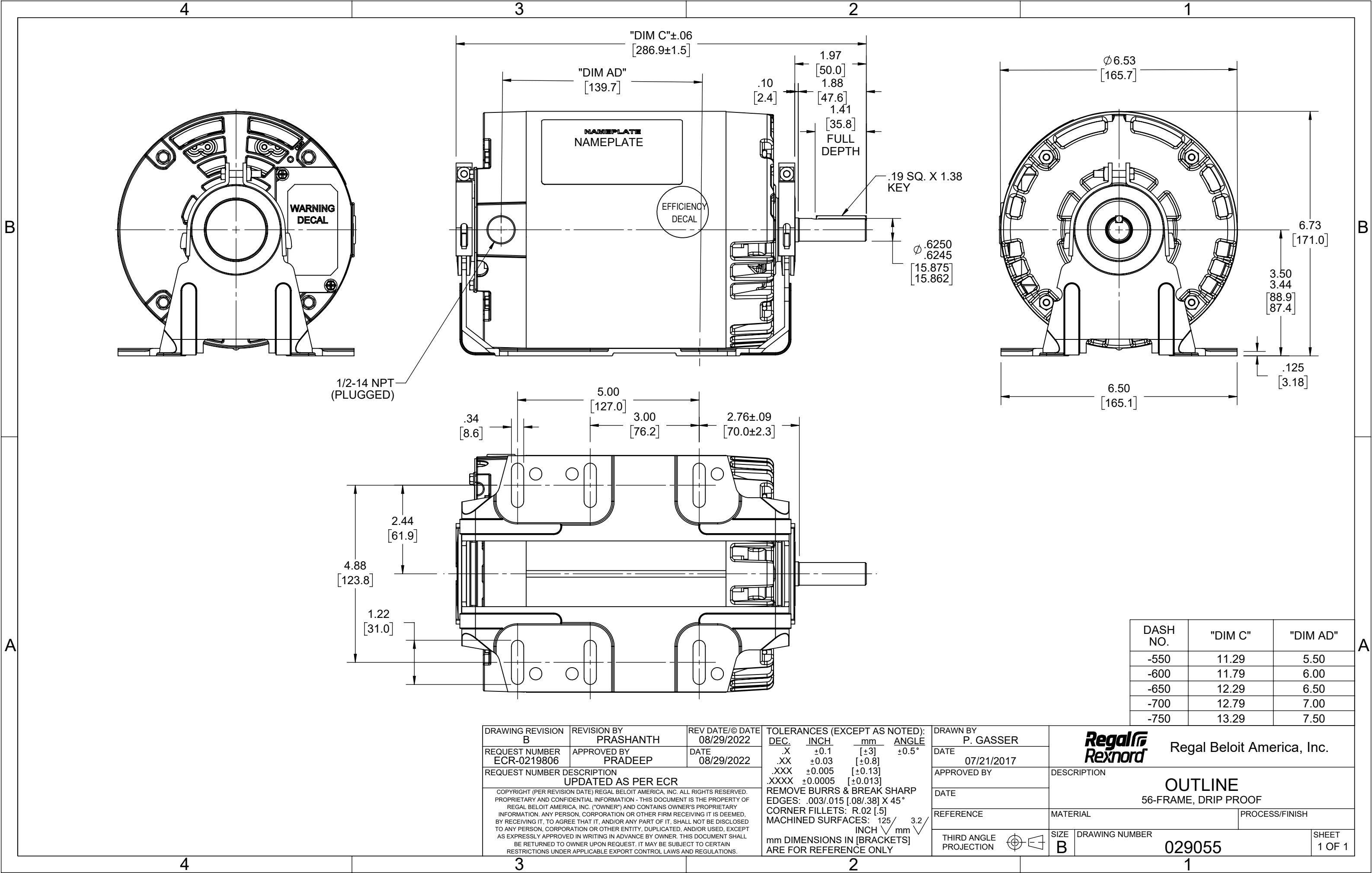


Nameplate Specifications

Phase	3	Output HP	1.50 & 0.67 Hp
Output KW	1.1 & 0.50 kW	Voltage	460 & 460 V
Speed	1725 & 1140 rpm	Service Factor	1.0 & 1.0
Frame	56H	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	79.3 & 72.2 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	2.5 & 1.3 A	Power Factor	70.7
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

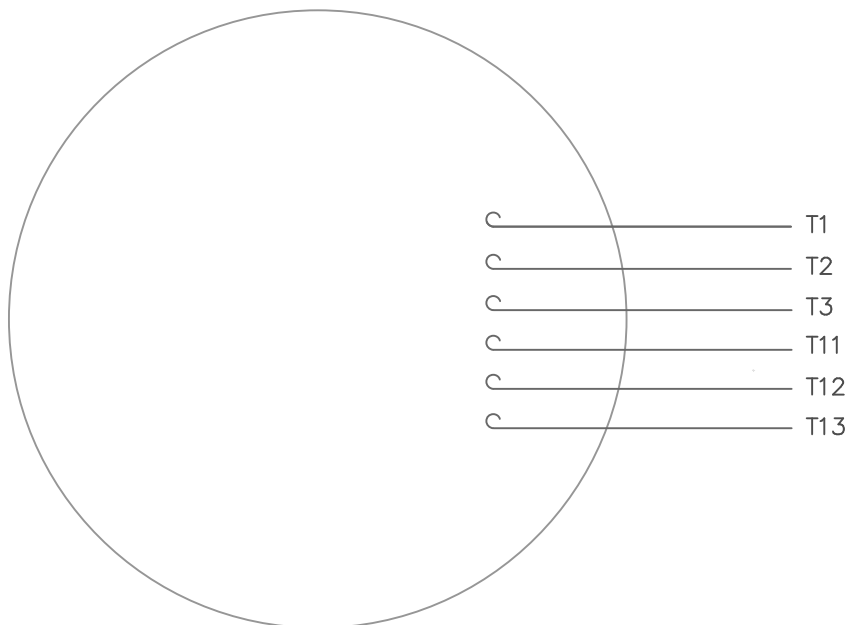
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	40.7 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	12.82 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005046.01	Outline Drawing	029055-700

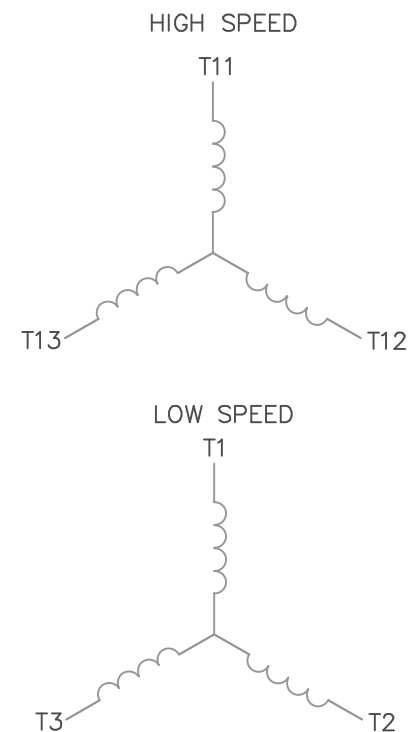


005046-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



	L1	L2	L3
HIGH SPEED	T11	T12	T13
LOW SPEED	T1	T2	T3

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
				DECIMALS						
				.00	± .01	DRAWN JRW 07/26/74	TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR			
				.000	± .005	CH'K'D. WRK 08/05/74				
3	REDRAWN ON CAD	DBT	06/30/97	.0000	± .0005	APPR. TEM 08/05/74	MAT'L. DECAL - 004040 2WDG./2 SPEED 1Y-1Y			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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				ANGLES	± 1/2"	REF. WT6364	FINISH		SIZE A	DRAWING NO. 005046-01
				INCH/MM		FMF 7464D13				



CERTIFICATION DATA SHEET

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

CATALOG #: 111963.00

CONN. DIAGRAM: 005046.01

OUTLINE: 029055-700

MOUNTING: F1 ONLY

WINDING #: T63(4-6)22 DR 2 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2&2/3	1.12&0.50	1200	1725&1140	56H	DP	K	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/60	460&460	2.5&1.3	ACROSS THE LINE	CONTINUOUS	B4	1.0/1.0	40

FULL LOAD EFF:	79.3&72.2	3/4 LOAD EFF:	70.4	1/2 LOAD EFF:	65.3	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	70.7&63	3/4 LOAD PF:	54.2	1/2 LOAD PF:	42.7	0		SQ CAGE IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3.025 LB-FT	6	5.05 LB-FT 166 %	8.09 LB-FT 267 %	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0.14 LB-FT^2	- LB-FT^2	10 SEC.	-	0 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

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

*

N

O

T

E

INVERTER TORQUE: NONE
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 111963.00

Curve at

460

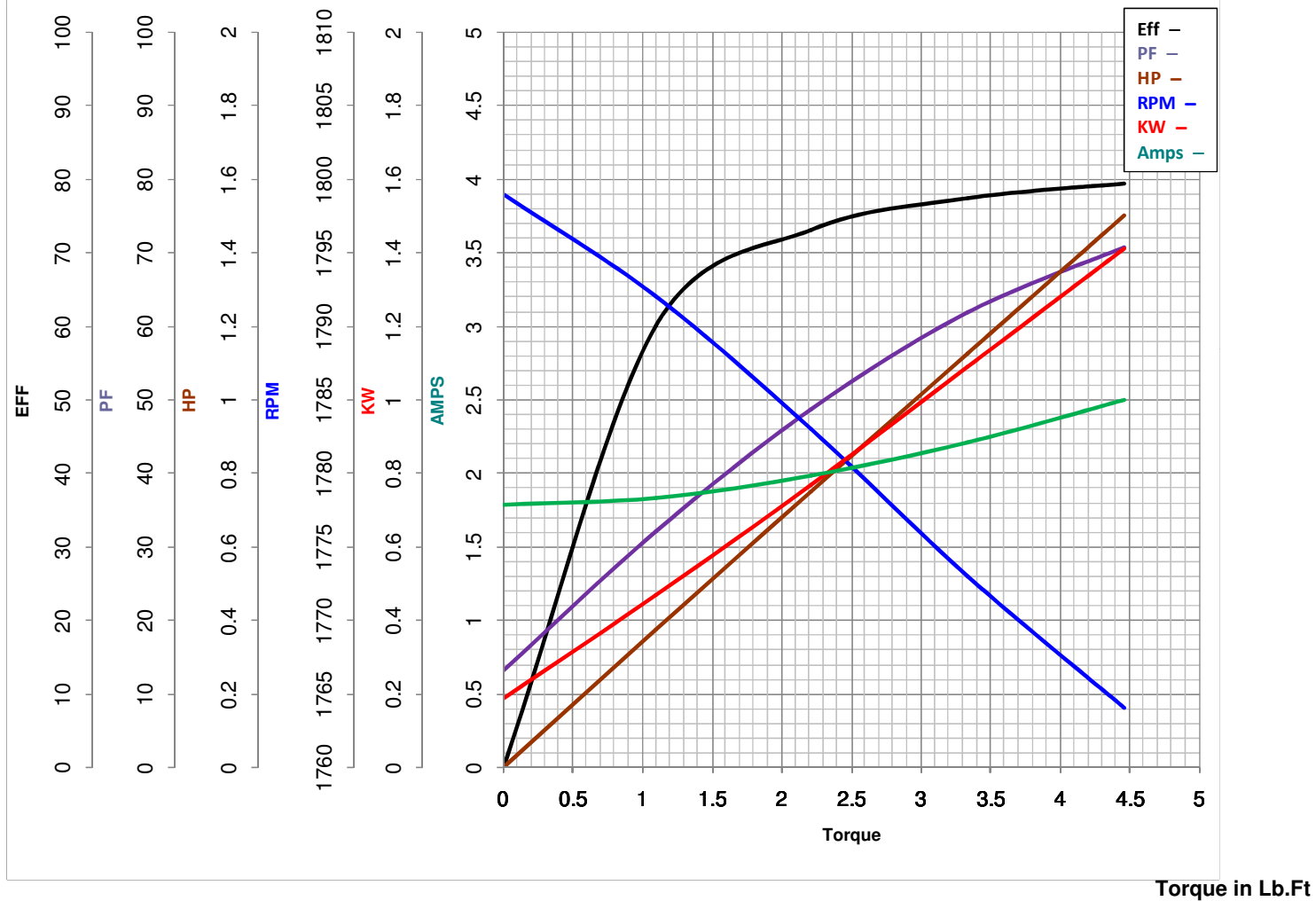
Volts

HP 1.5&2/3PHASE 360

HZ

VOLTS 460&4601.5

HP

HZ 60&60RPM 1725&1140Catalog No 111963.00

FL TORQUE 4.46 Lb.Ft
 BD TORQUE 18.0 Lb.Ft
 LR TORQUE 12.66 Lb.Ft

FL AMPS 2.5
 PU TORQUE 12.2 Lb.Ft
 LR AMPS 18.7

WINDING T63(4-6)22-2

Date 5/22/2018