

PRODUCT INFORMATION PACKET

marathon®

Model No: 131632.00

Catalog No: 131632.00

General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 3600 & 3600 RPM, 184TC Frame, TEFC



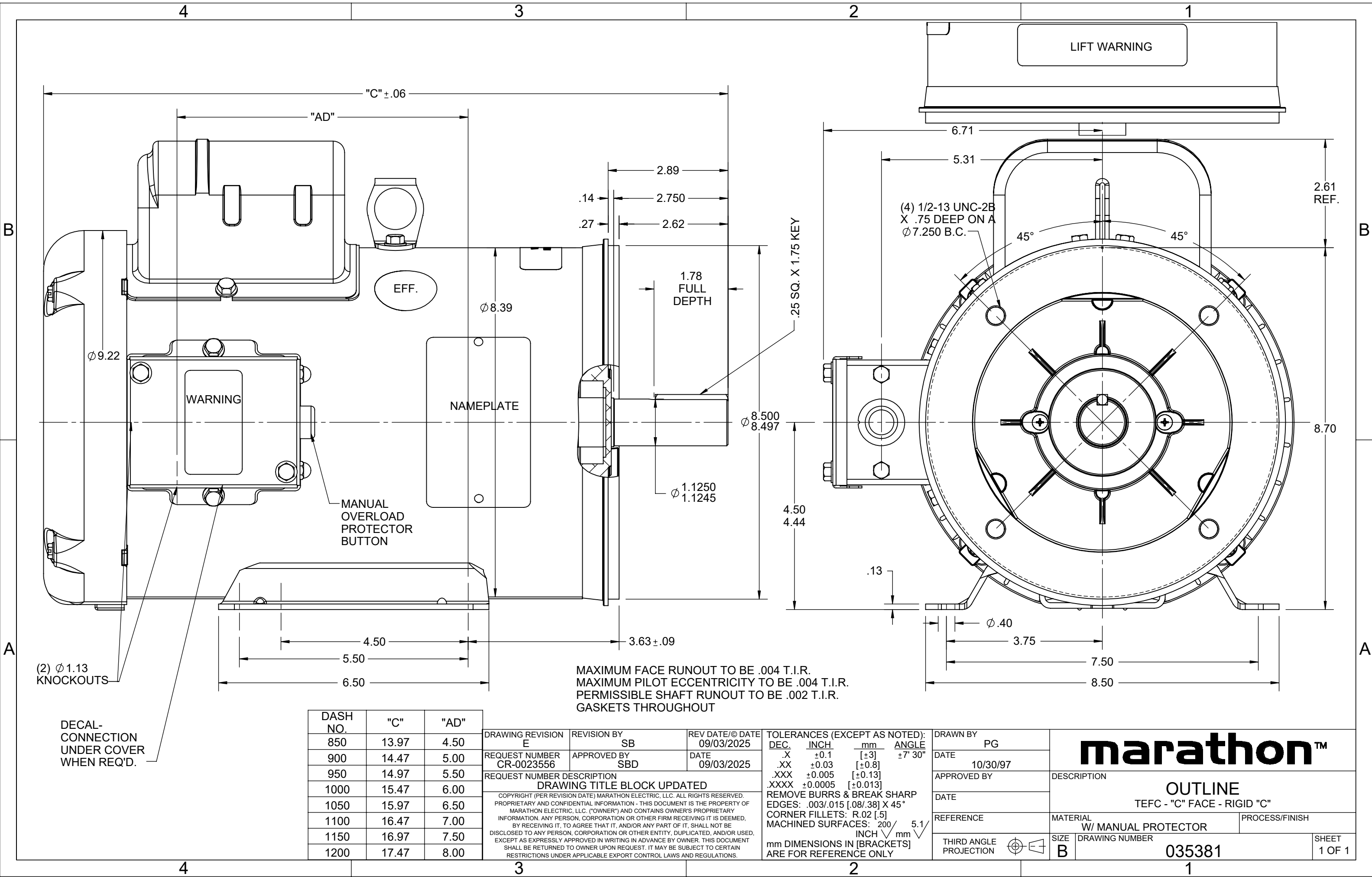


Nameplate Specifications

Phase	1	Output HP	5 Hp
Output KW	3.7 kW	Voltage	230 V
Speed	3500 r/min	Service Factor	1.15
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	82.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	19.8 A	Power Factor	98
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	H
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	.342 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	16.97 in
Frame Length	11.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035381-1150	Connection Drawing	005056.03



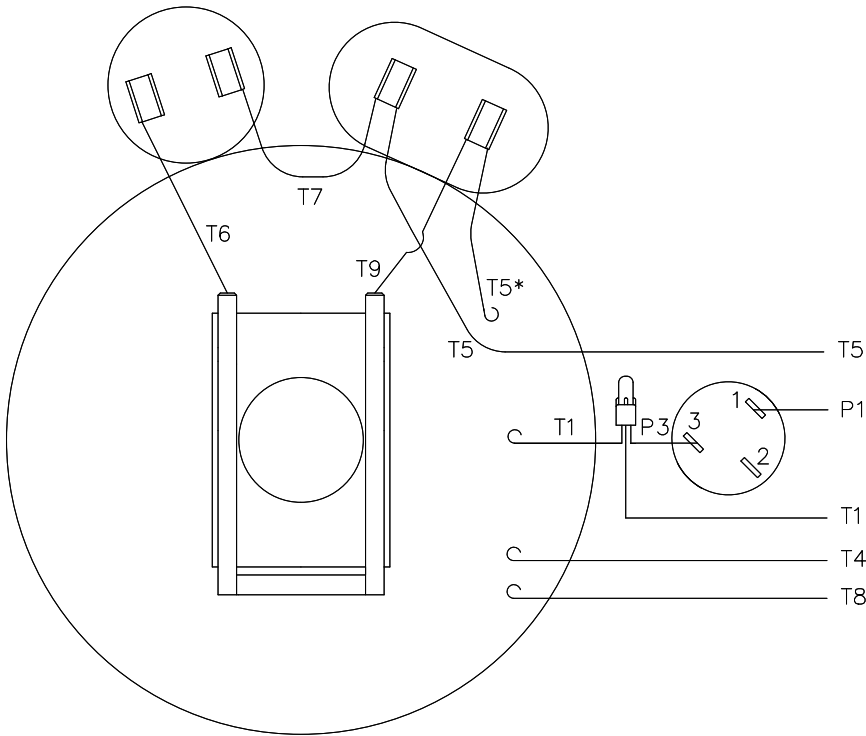
DASH NO.	"C"	"AD"
850	13.97	4.50
900	14.47	5.00
950	14.97	5.50
1000	15.47	6.00
1050	15.97	6.50
1100	16.47	7.00
1150	16.97	7.50
1200	17.47	8.00

DRAWING REVISION E	REVISION BY SB	REV DATE/© DATE 09/03/2025
REQUEST NUMBER CR-0023556	APPROVED BY SBD	DATE 09/03/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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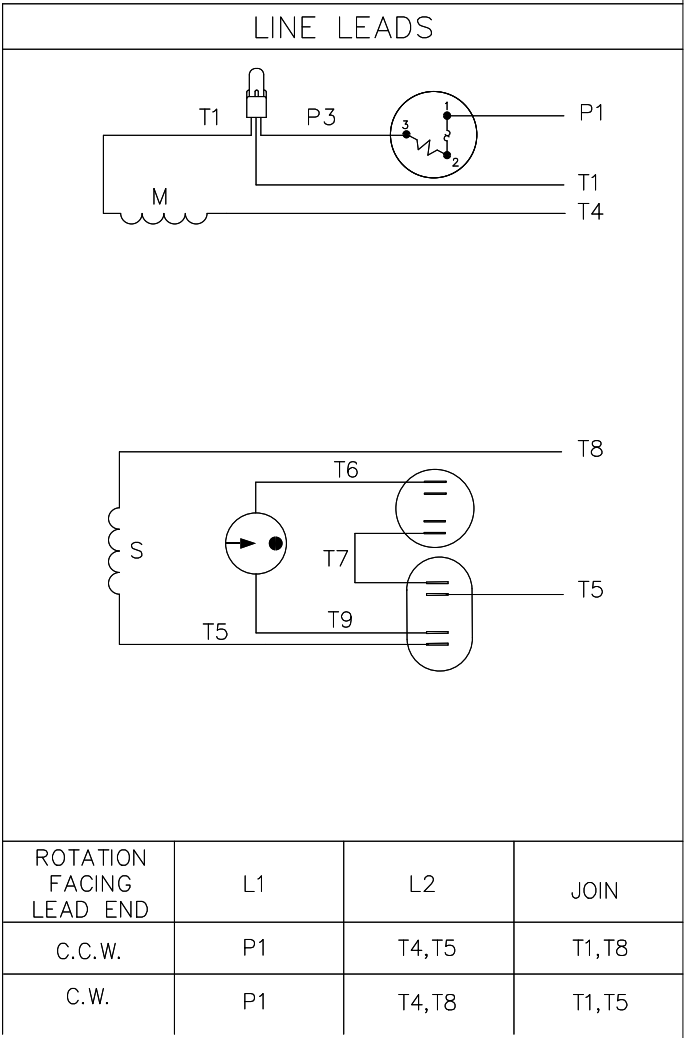
TOLERANCES (EXCEPT AS NOTED):			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7° 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°			
CORNER FILLETS: R.02 [.5]			
MACHINED SURFACES: 200 INCH 5.1 mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY			

DRAWN BY PG	marathon™		
DATE 10/30/97			
APPROVED BY	DESCRIPTION OUTLINE TEFC - "C" FACE - RIGID "C"		
DATE			
REFERENCE	MATERIAL W/ MANUAL PROTECTOR	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 035381	SHEET 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE



ROTATION FACING LEAD END	L1	L2	JOIN
C.C.W.	P1	T4, T5	T1, T8
C.W.	P1	T4, T8	T1, T5

DRAWING REVISION L	REVISION BY SB	REV DATE/ © DATE 08/04/2025
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/04/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
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DRAWN BY WLW	DATE 08/30/76
APPROVED BY	DATE
REFERENCE	
THIRD ANGLE PROJECTION	

marathon™

DESCRIPTION EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR		
MATERIAL DECAL - 004015	PROCESS/FINISH	
SIZE A	DRAWING NUMBER 005056-03	SHEET 1 OF 1

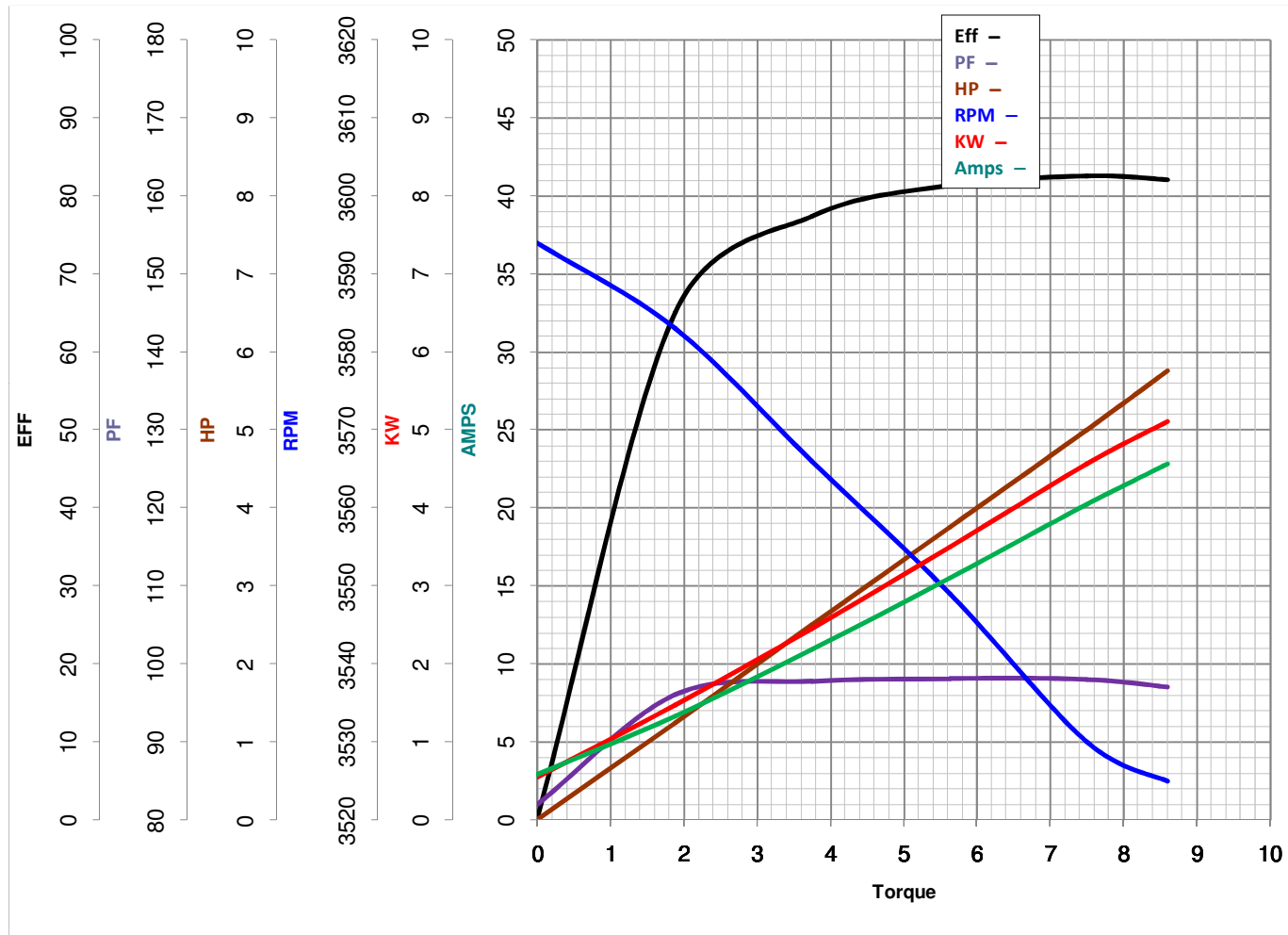


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131632.00

Curve at

230
60
5Volts
HZ
HPHP 5.00PHASE 1VOLTS 230HZ 60RPM 3500Catalog No 131632.00

Torque in Lb.Ft

FL TORQUE 7.5 Lb.Ft
 BD TORQUE 19.4 Lb.Ft
 LR TORQUE 16.2 Lb.Ft

FL AMPS 19.8
 PU TORQUE 15.8 Lb.Ft
 LR AMPS 15.3

WINDING K8225-2

Date 3/21/2018