

MK Diamond Products, Inc.  
 1315 Storm Parkway  
 Torrance, CA 90509-2803

<b>SPECIFICATION SHEET</b>			Date 01/15/16
MK Part Number <b>168022GR</b>	MK Description MTR, 1-1/2HP, 115V, 60HZ, GRN REGAL	Revision -	
Manufacturer P/N M6K34FZ5A	Manufacturer/Vendor Description MOTOR, 1.5HP		
Manufacturer Information REGAL BELOIT AMERICA-LEESON ELECTRIC	Vendor Information CAL INDUSTRIAL SALES COMMERCE, CA 90040	Alternate Manufacturer NONE	
Specifications:			
SEE FOLLOWING PAGES FOR FULL SPECIFICATIONS			
CUSTOMER SERVICE PARTS			
<b>MK PART NUMBER</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	
172206	9116014	THERMAL OVERLOAD CEJ30CB PROTECTR LEESON 168022GR	
172207	9175680	THERMAL OVERLOAD BOOT A-102199 LEESON 168022GR	
172208	9200275	COND BOX ASSY B-CB119803 LEESON 168022GR	
172209	003062.30	START CAPACITOR LEESON 168022GR	
172210	003014.02	RUN CACPACITOR LEESON 168022GR	
172211	9118234	ON-OFF SWITCH LEESON 168022GR	
172212	9200289	FAN COVER C-993401-02ED FAN GUARD LEESON 168022GR	
172213	3569.04	FAN FAN EXT - KEYED HUB LEESON 168022GR	
Rev	Description	Date	Approved
-	INITIAL RELEASE, NO ECO	01/15/16	JEY

# AC Motor - Frontpage Print

Product Features		
Motor No. 119803.00	Catalog 119803.00	Edited By HLP-146226
Model M6K34FZ5A	Proprietary N	Effective Date 10/18/2016
Description 119803.00..1.5HP..3450RPM..56Z.TEFC.115VA		NP Seq 0
Product Line TEFC	Channel LEC	Status Active
Auth BOM/RT See Status	Stock Class N	Source Location JZ

Nameplate Data			
Hertz 60	Volts 115	Hertz	Volts
HP 1 1/2		HP	
KW 1.12	FL Amps 12.3	KW	FL Amps
FL PF (Cos) 98(0.98)		FL PF (Cos)	
FL Eff 79	SF Amps	FL Eff	SF Amps
Eff. 75%		Eff. 75%	
SF 1.0	RPM 3450	SF	RPM
Assembly Mtg F1 ONLY	NP Frame 56Z		Motor Type KF
NEMA Design NO DESIGN CODE	Phase 1		Insulation Class F3
Duty 30 MINUTE	Max Amb(C') 40		Enclosure TEFC
Full Load Rise	IP Code 43		IC Code 41
KVA Code H	PE Bearing 6203		OPE Bearing 6203
UL Y-(LEESON UL REC)			CSA Y
CC Number EXEMPT	RoHS		CE N
Protector MANUAL	Prot. Number CEJ30CB		Thermostats NONE
Wdg. RTDs NONE			Thermistors NONE
Hazardous Loc NONE			Thermocouple
			Lead Desc.
Stack Length 4	Max KVAR		Elevation 3300
Motor Image	Protector Code		CrAmps

Inverter Duty Motor Information						
Inverter Type		Inverter Load NONE		Inv. Spd Range NONE		
Max Safe RPM 5400		Rtr WK .04		No Load Amps 0		
Hertz	HP	RPM	Torque	Volts	Amps	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	
R1	R2	X1	X2	XM		
0.0	0.0	0.0	0.0	0.0		

Additional Mechanical Parameters		
Frame Material ROLLED STEEL	Severe Duty FALSE	Mtr. Orientation HORIZONTAL
Mount Type RIGID	Application GENERAL PURPOSE	Drip Cover FALSE
DE Bracket STANDARD	ODE Bracket STANDARD	
DE Bracket Cap AS REQUIRED	DE Bracket Cap AS REQUIRED	
DE Seal AS REQUIRED	ODE Seal AS REQUIRED	Shaft Type SGL SPL EXT
DE Drain STANDARD	ODE Drain STANDARD	Shaft Material 1144 STRESSPROOF

(C-223)

DE Fittings STANDARD	ODE Fittings STANDARD	Shaft Diameter
DE Spl. Shaft SPECIAL		Shaft Grounding NONE
ODE Spl. Shaft NONE		Shipping Wt. 33
Mech. Features STANDARD		Final Asm. Drg.
Brg. RTDs NONE		Nameplate Logo
Nameplate Drg. B-080156	Nameplate Conn Drg. A-92485	Nameplate Type MYLAR
Lubrication POLYREX EM	Brake Prov. NONE	Encoder Prov. NONE
DE Brg Type BALL	Brake Mfg. NONE	Encoder Mfg. NONE
DE Brg Encl VERIFY	Brake Series NONE	Encoder Model NONE
DE ABMA No.	Brake Part Number NONE	Encoder Connection NONE
ODE Brg Type BALL	Brake Torque NONE	Encoder PPR NONE
ODE Brg Encl STANDARD	Brake Voltage NONE	Packaging P
ODE ABMA No.	Brake Encl NONE	
Drive Method DIRECT		Pallet Quantity -1
Outline Drg. A-SS404200-825		C/Box Type ALUMINUM (NPT)
Carton Label		Paint GREEN (POWDER)

**Additional Electrical Parameters**

Electrical Type	CAP START CAP RUN	Poles 2	Base Winding BE48251
Start Method	ACROSS THE LINE	Ins. System STANDARD	Wdg. Rerate FR
NEMA Efficiency	STANDARD	Rotation FIXED CW	Wdg. Group 5
Heater Volts	NONE	Heater Watts	Wdg. Subgrp A
Conn Diag	005464.01	Conn Diag2	Test Card
Grounding	SCREW ON FRAME AND IN BOX		
Shipped Conn	NA	Run Capacitor MFD 50	Start Capacitor MFD 374
Capacitor Supplied By	RBC	Run Capacitor Voltage 240	Start Capacitor Voltage 125

**Standard Order Variables**

StdPck PALLET	StdVlt NA	StdRot FIXED CW	StdMnt F1 ONLY
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**Customer Concerns**

No Results Found!

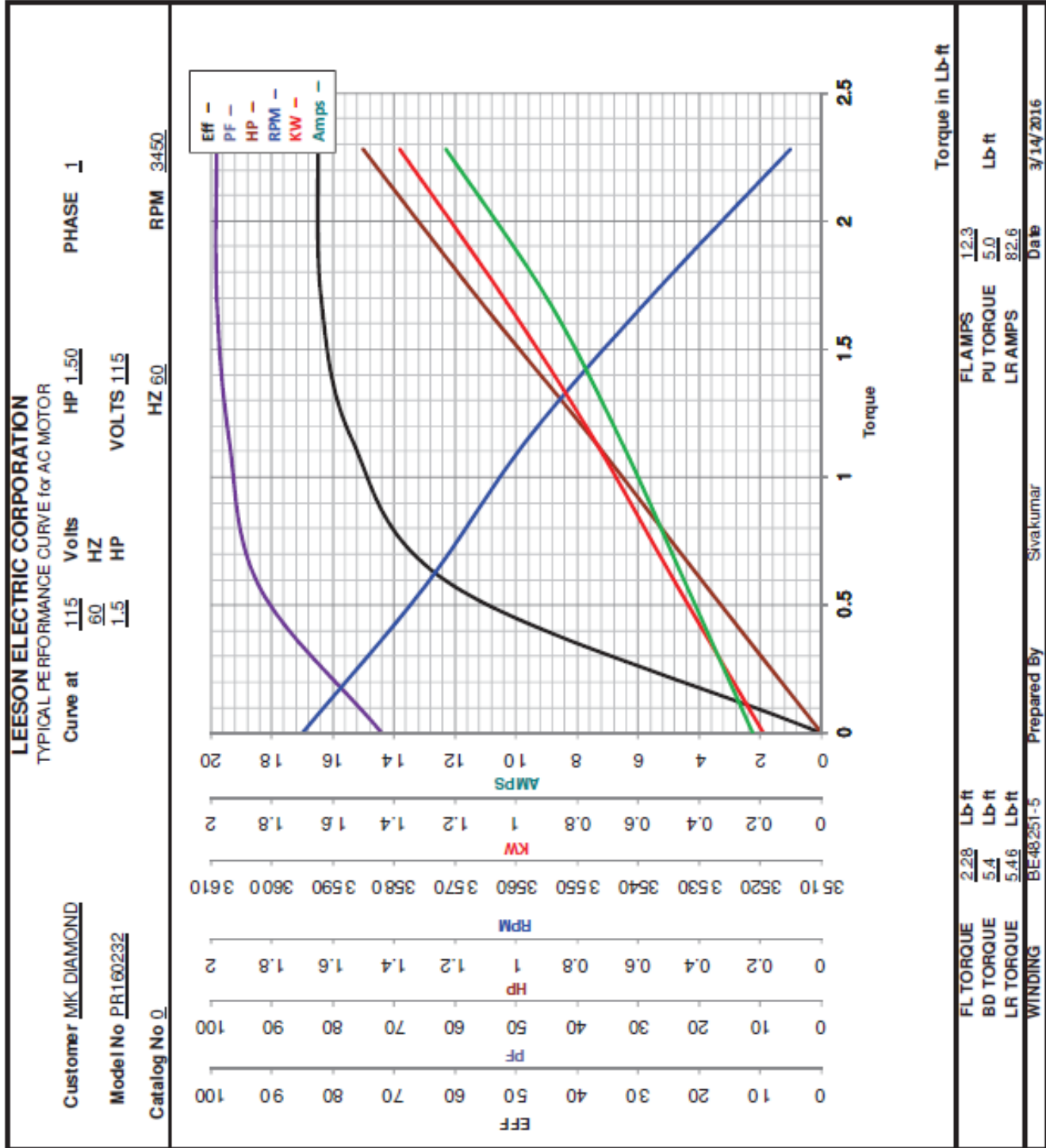
**Special Instructions**

Name Plate	STAMP - THERMALLY PROTECTED - ON BLANK LINE OF NAMEPLATE. 1. Stamp customer part # ***168022GR*** on nameplate
Carton Label	
Assembly	1. LOADING SPRING IN FRONT BRACKET. 2. ASSEMBLE MOTOR PER SEIM 1.10. 3. PLACE A-35927 DECAL ON FRAME ABOVE LEAD HOLE. ( ON THE TOP OF C/ BOX IN CASE OF C/BOX) 4. "CONDUIT BOX MUST HAVE MK CUSTOMER LOGO"
Test/Prep	- MOTOR WIRED FOR LOW VOLTAGE, CWLE ROATION(LEAD END IS SHAFT END) OR CWPE VIEW
Paint/Pack	
Engineering	
Everyone	ADDED NOTE FOR "MK" LOGO AS PER ECO-0102897

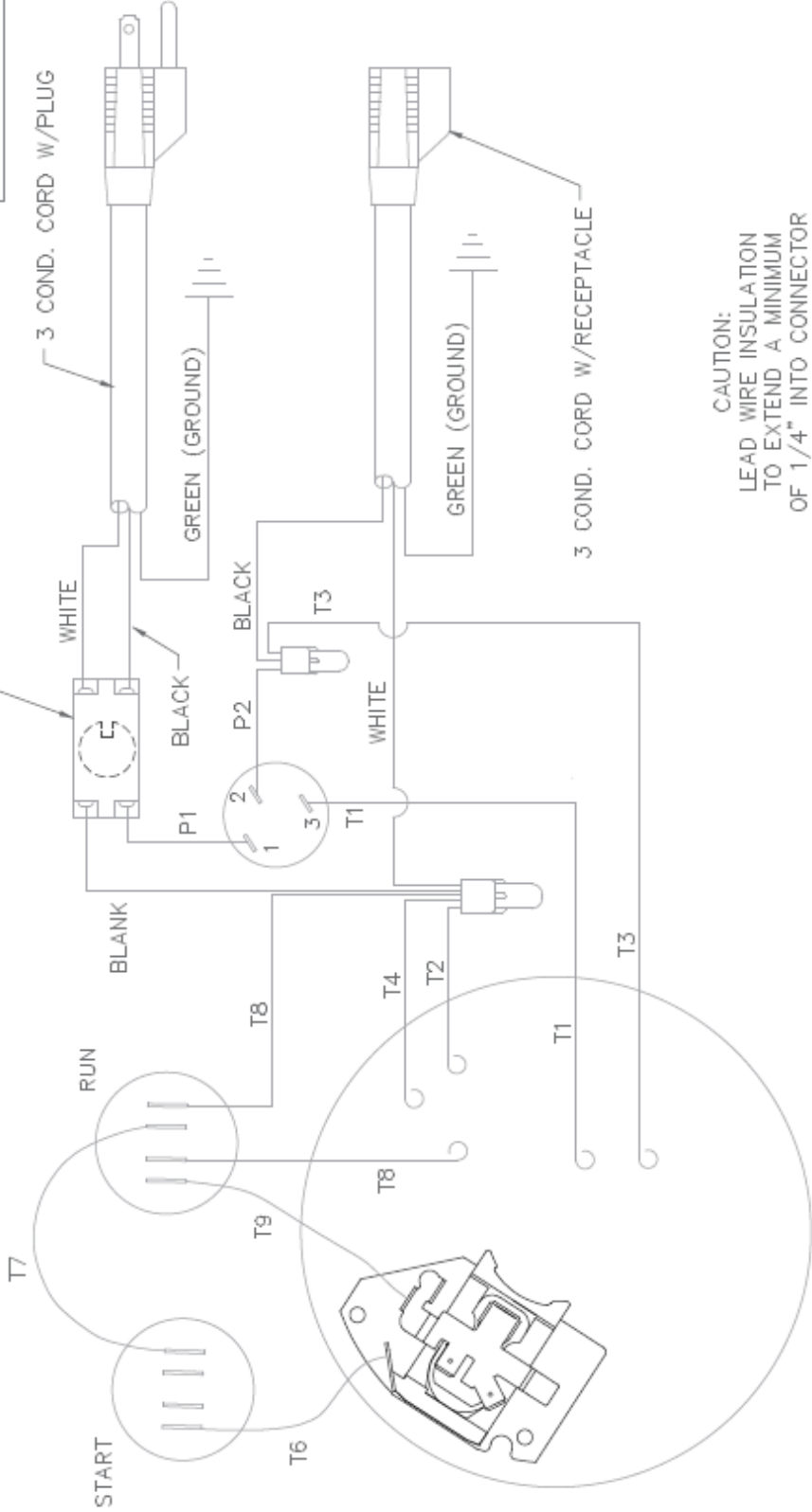
**Oracle Revisions (LAST 5 REVISIONS)**

A03 07/12/2016 610064043 MOVED NAMEPLATE TO OPPOSITE SIDE  
 A02 06/03/2016 100023141 UPDATED T8 LEAD LENGTH PER ECR-0112378  
 A01 05/25/2016 100001688 REVISED CONNECTOR FOR CORD,UPDATED C BOX ASSY DRG,ECO-ECO-0102852  
 A00 04/12/2016 900002152 FMF: MK DIAMOND ,REFERENCE: 102759.00/PR160232,NMR-0108630,SAI TEJA  
 0 03/30/2016 100000450 N/A

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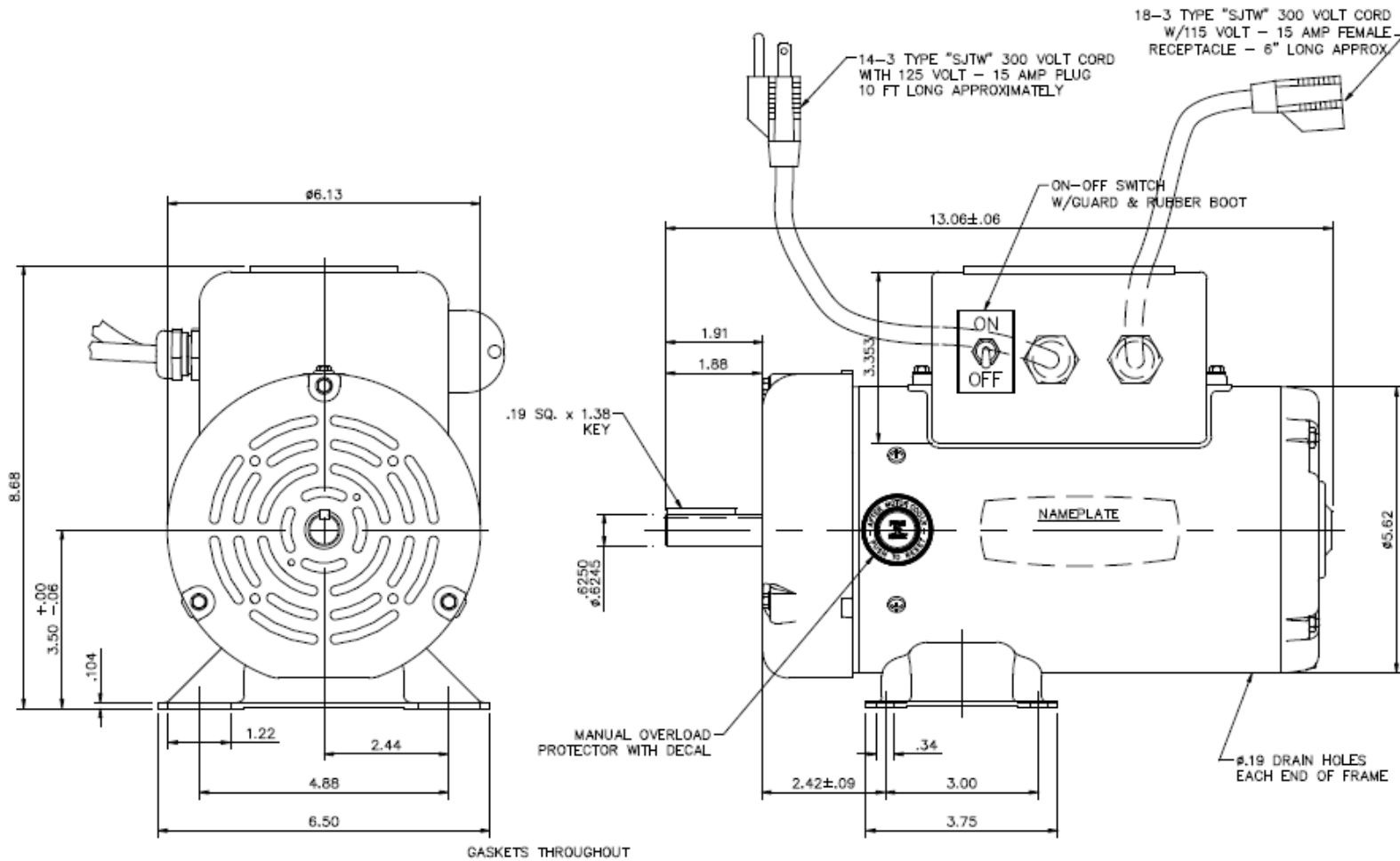


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

TOLERANCES UNLESS SPECIFIED		DRAWN PG 9/18/02	
DEC.	INCHES	CHK	
.X	±.1	APPD	
.XX	±.01	SCALE	1-2
.XXX	±.005	REF	PR010265.02
.XXXX	±.0005	FIN	102758.00
TITLE		PREV	
EXTERNAL WIRING DIAGRAM TYPE "K" W/PROT.		ELECTRIC MOTORS GEARMOTORS AND DRIVES	
MATERIAL DUAL VOLTAGE - C.W.L.E. ROTATION		LEESON	
FINISH		LEESON	
BY & DATE		CAD FILE	
KMM 11/19/02		005464-01	
REVISION		SIZE	
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NO.		DRAWING NO.	
02		005464-01	
01		REV.	
02		02	

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SS404200



		TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.		DRAWN PST 04/06/2016	
		DEC.	INCHES			CHK	
		X	±.1			APPD	
C	MOVED NAMEPLATE TO OTHER SIDE	MDP	07/12/2016	XX	±.03	TITLE OUTLINE - S56Y FRAME RIGID MOUNT - TEFC	
B	CORRECTED CORD LOCATION	SVL	06/01/2016	XXX	±.005	SCALE 1=2	
A	NEW DRAWING	PST	04/06/2016	XXXX	±.0005	REF CU/R160232	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	
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