

NOTES: APPLICABLE TO THIS PAGE ONLY

- 1. TIGHTEN 2 EACH SCREWS ONLY AFTER FRESNEL TUBE ASSEMBLY HAS BEEN INSTALLED AT THE NEXT HIGHER ASSEMBLY.
- 2. DAMPER RECEPTACLE TO BE FULLY ENGAGED TO MOTOR SHAFT WITH TOP OF MOTOR SHAFT FIRMLY AGAINST DAMPER.
- 3. ENERGIZED MOTOR REQUIRED TO HOME FLAG ASSEMBLY AGAINST THE CLOSED STOP. SET FLAG HEIGHT AS SHOWN IN AUX VIEWS, PAGE 1




UNLESS OTHERWISE SPECIFIED	RELEASE DATE: 20AUG07	CE:	High End	2105 GRACY FARMS LANE	
DIMENSIONAL TOLERANCES:	ENG: MIKE BELL	QA:		AUSTIN, TEXAS 78158	
0 PLACE DECIMAL = ±0.38	ME:			(512) 836-2242	
1 PLACE DECIMAL = ±0.25	MEG:	DRW: MIKE BELL		FAK (512) 832-4128	
2 PLACE DECIMALS = ±0.13	DESCRIPTION:			***** http://www.highend.com	
ANGLES = ±0.5°	KIT, SOFT EDGE BULKHEAD SHOWGUN SVC				
FOR PAINTED PARTS REFER TO	MATERIAL:				
ENG. SPEC. MANUAL WI-0592	CHARTED				
ALL COMPONENTS, MATERIALS AND					
FINISHES TO BE RoHS COMPLIANT					
FINISH:					
NONE					
MIN. DRAFT	INTERPRET DIMENSIONS PER	PART NO.	DRAWING NO.	REV.	
MIN. RADII	ASME Y14.5M-1994	80430100	TWA058	A	
FLATNESS	THIRD ANGLE PROJECTION				
FINISHNESS	DIMENSIONS ARE IN MILLIMETERS				
VOLUME					
		DO NOT SCALE	SCALE: 0.500	SHEET: 2 OF 3	

PROPRIETARY NOTICE:
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21	2	TW373	85000271	STOP, M4 , L=25.4
20	2	TW388	85000270	STOP, GROOVED, L=25.4 (1.00) RAW
19	2	SCREWM4AC10BZP	91050410	SCREW,M4 SOCKET CAP 10 BZ W/PATCH
18	4	SCREWM4APP08SBZ	91020408	SCREW,M4 PHIL PAN 08 SEMS BZ
17	11	SCREWM3AC06W-BZ	91000306	SCREW,M3 SOCKET CAP 06 BZ SEMS
16	2	TW341	90721013	SCREW,LEAD FRESNEL LENS
15	4	SCREWB-32AS250FLAT-BZ	90707091	SCREW,8-32 SOCKET SET, 1/4 BZ FLAT PT
14	4	SCREW12-24PF500TL-SZ	90711060	SCREW,12-24 PHIL FLAT 1/2 THRD ROLL,TRI LOBE
13	2	TW378	90702373	SCREW, SHOULDER, M4, MOTOR MOUNT
12	4	RIVET43-45DMG.SS	90701388	RIVET,1/8 DOMED, .188-.250, 18-8 STAINLESS
11	2	NUTM4KEP	91201204	NUT,M4 KEPS
10	1	TW664	99260508	MOUNT, ANGLE, RIGHT
9	1	TW663	99260507	MOUNT, ANGLE, LEFT
8	2	NMB_23FRAME_MOTOR	99270083	MOTOR,STEPPER, NMB 23KM-K286-01V
7	2	MR108_01	99270075	MOTOR,STEP 2PH MET S17 11.5mm ALNICO NMB
6	2	TWA089	80560041	FLAG, ASSY,SOFT EDGE, SG
5	2	TWA083	80140039	DAMPER ASSY, MTR BRAKE, HI-TEMP, .25 DIA
4	2	SP191	90701149	COUPLER,SLIM-LINE .88 VIBRATION CONTROL
3	1	TW178	80071902	BULKHEAD, DIFFUSION ME-A1
2	1	TWA807	80570042	BEARING ASSEMBLY, SLOTTED,LINEAR BALL, FRESNEL
1	1	TWA806	80570041	BEARING ASSEMBLY, LINEAR BALL, FRESNEL
ITEM NO.	QTY.	FILENAME	PART NO.	DESCRIPTION

BILL OF MATERIALS

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FOR PAINTED PARTS REFER TO ENG. SPEC. MANUAL WI-0592 ALL COMPONENTS, MATERIALS AND FINISHES TO BE RoHS COMPLIANT	MATERIAL: CHARTED	FINISH: NONE	PART NO. 80430100 DRAWING NO. TWA058 REV. A	
MIN. DRAFT MIN. RADI FLATNESS FINISHNESS VOLUME	INTERPRET DIMENSIONS PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION DIMENSIONS ARE IN MILLIMETERS		SI METRIC A1	DO NOT SCALE SCALE: 0.500 SHEET: 3 OF 3