


EQ: USE THE EQUATION FOR THE PROFILE CURVE

$$X = (31*\cos(t))-(3*\cos(t+\arctan(\sin((-12)*t)/((31/13)-\cos((-12)*t))))-(1*\cos(13*t))$$

$$Y = (-31*\sin(t))+(3*\sin(t+\arctan(\sin((-12)*t)/((31/13)-\cos((-12)*t))))+(1*\sin(13*t))$$

NOTE:

1. ONLY THE INNER HOLE MUST HAVE 1MM CHAMFERED
2. TIGHT TOLERANCE FOR THE EDGES

TOLERANCE CHART		PART NO.	LLE-T-008	MODELED BY		L.A. SALES	
0.5MM - 3MM	+/- 0.1			DRAWN BY		L.A. SALES	
3.1MM - 6MM	+/- 0.1	NAME	CYCLODIAL GEAR, STAGE 3	CHECKED BY		L.A. SALES	
6.1MM - 30MM	+/- 0.2			APPROVED BY		C. CHAVEZ	
30.1MM - 120MM	+/- 0.3	MATERIAL		FINISHING		REVISION	2
120.1MM - 400MM	+/- 0.5	POLYLACTIC ACID (PLA) -					
400.1MM - 1000MM	+/- 0.8	LICENSE: GNU PUBLIC LICENSE			MEXE-24-001: DEVELOPMENT OF A LOWER BODY EXOSKELETON		
1000.1MM - 2000MM	+/- 1.2						
2000.1MM - 4000MM	+/- 2.0						



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