

Gear Parameters Worksheet							
Gear Name	Type of Gear	Connection to Preceding Gear		Pitch Diameter	Module	Number of Teeth	Speed (RPM)
		Type	Name				
A	Spur	N/A	N/A	12	1	12	67
B	Spur	Mesh	A	24	1	24	33.5
C	Spur	Axial	B	12	1	12	33.5
D	Spur	Mesh	C	24	1	24	16.75
E	Spur	Axial	D	34	1	34	16.75
F	Spur	Mesh	E	38	1	38	14.98684

Final Design Parameters	
Input Speed of G1 (RPM)	67
Output Speed of G4 (RPM)	14.98684
Gear Ratio of Spur Gears	4.470588863

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Lab Section	L06
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Group #	6
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Direction of Motion	Facewidth
CW	5
CCW	5
CCW	5
CW	5
CW	5
CCW	5