

## Turntable Pulley Size Calculations

### Solve for Motor Speed (rpm)

Platter RPM	33.333
Platter Dia. (mm)	300
Idler Wheel to Platter Dia. (mm)	100
Idler Wheel RPM	99.999
Idler Wheel to Motor Dia. (mm)	100
Motor Dia. (mm)	15
Motor RPM	666.66

### Solve for Idler Wheel to Motor Dia. (mm)

Platter RPM	33.333
Platter Dia. (mm)	300
Idler Wheel to Platter Dia. (mm)	100
Idler Wheel RPM	99.999
Idler Wheel to Motor Dia. (mm)	627
Motor Dia. (mm)	15
Motor RPM	4180