LOSE THE CHAIN!

USE A BELT DRIVE

5mm Pitch - Reference Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>5mm</td>
<td>.197</td>
</tr>
<tr>
<td>3.81mm</td>
<td>.150</td>
</tr>
<tr>
<td>1.93mm</td>
<td>.076</td>
</tr>
</tbody>
</table>

PARTS INCLUDED IN KIT

Belts
- 500-5M-15 (500mm pitch length, 5mm pitch, 15mm wide)
- 1270-5M-15 (1270mm pitch length, 5mm pitch, 15mm wide)

Pulleys
- P15-5M-15 (15 teeth, 5mm pitch, for 15mm wide belt) - (2 included)
- P20-5M-15 (20 teeth, 5mm pitch, for 15mm wide belt)
- P30-5M-15 (15 teeth, 5mm pitch, for 15mm wide belt)

COMMON EQUATIONS

1 inch = 25.4mm

Pulley pitch diameter: $D = \frac{[# \text{ of teeth}] \times \text{pitch}}{\pi}$

Center Distance: $C = \frac{K + \sqrt{K^2 - 32(D-d)^2}}{16}$ Where $K = 4 \times L_3 - 6.28(D+d)$

Belt pitch length: $L_p = 2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

Where:
- $L_p$ = belt pitch length, inches
- $D$ = diameter of large sprocket, inches
- $d$ = diameter of small sprocket, inches
- $C$ = center distance, inches

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