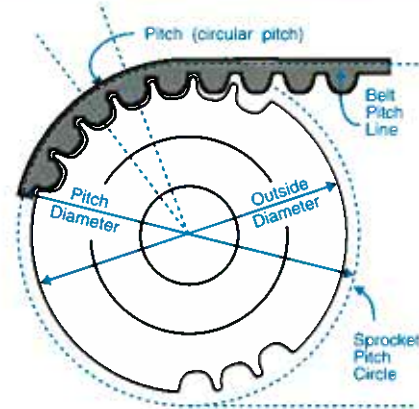
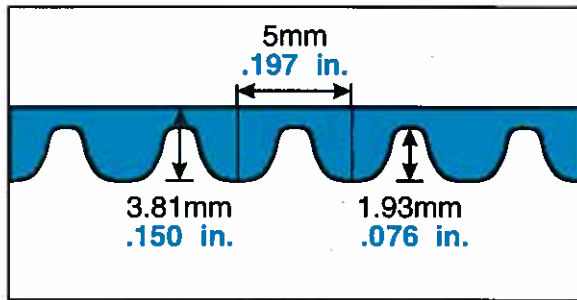


**LOSE THE CHAIN!**



**USE A BELT DRIVE**

5mm Pitch - Reference Dimensions



**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  $K = 4 \times L_p - 6.28(D+d)$

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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