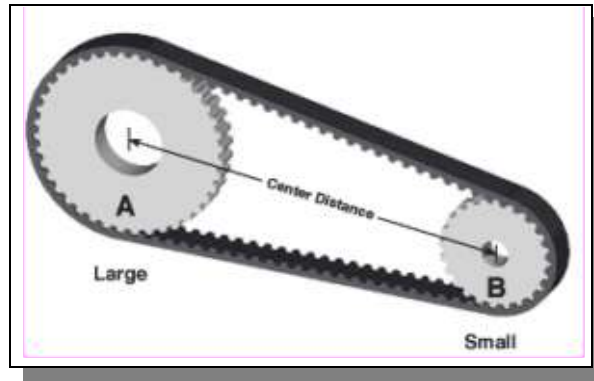


## Drive Belt Sizing

---



---

### How to Calculate Drive Belt Tooth Count $(C*2/13.8) + (A+B)/2$

---

A= number of teeth rear wheel pulley

B= number of teeth transmission pulley

C= center to center distance between both pulleys in mm  
(Change inches to mm: Multiply inches by 25.4)

#### Step 1.

$$(C * 2) / 13.8$$

#### Step 2.

$$(A + B) / 2$$

#### Step 3.

Step 1 + Step 2 = number of teeth required on belt.

---

### Example:

---

A = 66 tooth (Tooth Count, Rear Pulley)

B = 31 tooth (Tooth Count, Front Pulley)

C = 609mm (Distance between center of Front Pulley to center of Rear Pulley: 24")

#### Step 1.

$$(609 * 2 = 1218) / 13.8 = 88.3$$

#### Step 2.

$$31 + 66 / 2 = 48.5$$

#### Step 3.

$$88.3 + 48.5 = 136.8 \text{ teeth}$$

The recommended belt would be 137 tooth.