

SUM OF PULLEY DIAMETERS

OUTSIDE BELT LENGTH

CENTER DISTANCE

BELT SELECTOR

HOW TO USE THIS CHART

YOU MUST KNOW

1. Sum of diameters of two pulleys involved
2. Distance between shaft centers

THEN:

1. Locate the point on left hand line equal to the sum of your pulley diameters
2. Locate the point on right hand line equal to center distance desired
3. Hold straight edge against this chart connecting these two points. Where the straight edge intersects the center line, read the belt length required.

TO DETERMINE MOTOR PULLEY PITCH DIAMETER

Multiply driven pulley RPM by pulley pitch diameter and divide by motor pulley RPM.

TO DETERMINE DRIVEN PULLEY PITCH DIAMETER

Multiply motor pulley RPM by motor pulley pitch diameter and divide by driven pulley RPM.

FORMULA:

(motor pulley P.D.) X (motor pulley RPM) = (driven pulley P.D.) X (driven pulley RPM).

