



# APPLIED POWER PRODUCTS

Product Distribution & Fabrication

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## ELEVATOR BELT CALCULATIONS

### Elevator Types

Type A—Grain Service

Type B—Spaced Buckets

(Buckets usually spaced 2 to 3 Industrial Service times bucket projection.)

Type C—Continuous Buckets

(Usually Industrial Service between buckets.)

### Belt Specifics

Type A, B or C \_\_\_\_\_

Customer/Location \_\_\_\_\_

Bucket Projection (Inches) \_\_\_\_\_

Bucket Length (Inches) \_\_\_\_\_

Bucket Volume (Cu. In.) \_\_\_\_\_

Belt Width (Inches) \_\_\_\_\_

Height (Feet) \_\_\_\_\_

Belt Speed (Feet/Min) \_\_\_\_\_

### Type A Grain Service

(Bushels per hour)

\_\_\_\_\_

Material Density (Pounds/Bushel) \_\_\_\_\_

Type Take-Up Counterweight (C) or Screw (S) \_\_\_\_\_

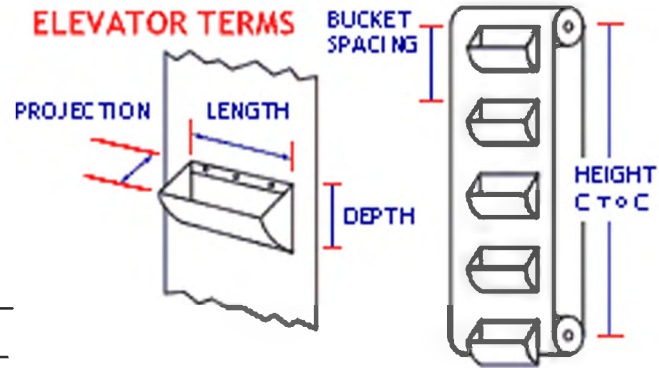
Drive Pulley Bare (B) or Lagged (L) \_\_\_\_\_

Belt Weight (Pounds/Foot) \_\_\_\_\_

Bucket Weight (Pounds) \_\_\_\_\_

Bucket Spacing (Inches) \_\_\_\_\_

Number of Rows of Buckets \_\_\_\_\_



### Type B & C Industrial Service

Tons per hour peak (2,000 Pounds/Ton)

\_\_\_\_\_

Pounds/Cu. Ft \_\_\_\_\_

