



Details Needed For Designing V-Belt Drives

PA NOTE

We receive many requests from the field to design V-belt drives, this design work being part of our responsibility. However, we've noted lately that many requests do not contain all the information needed for us to properly design or evaluate drives. When you call or write be sure to include the details shown below - this is all that's needed to design most two-sheave drives.

1. Description of the application - the machine involved and work being done. This must be included for selection of the Service Factor and overall evaluation.
2. DriveR details - Type: I.C. engine, electric motor, turbine, etc.; its horsepower rating and speed; and whether normal or high torque.
3. DriveN machine - its speed, or required speed ratio.
4. Approximate center distance required.

On more complicated drives, those involved with idlers, multiple driveN sheaves, or special duty cycles, additional information with sketches or blueprints may be needed. Additional correspondence with Denver Product Application is recommended.

For all drives, refer to the appropriate drive design manuals for information.