

How to Select the Correct V-Belt and PowerBand® Belt Drive Using Stock Sheaves and Belts — continued

Step 2 Select the Proper V-Belt Section

Speed and Design Horsepower Determine the Proper Cross Section

- At the bottom of the appropriate Cross Section Selection Charts following read across to the **design horsepower** of the drive, interpolating if necessary.
- Read straight up to the **rpm of the faster shaft**. Interpolate if necessary.
- The cross section in the area surrounding the point of intersection which you located is the proper **belt cross section** to use.

NOTE:

If your point is near one of the lines, a good drive can be designed with the cross section on either side of the line. Design drives using both cross sections and select the most economical drive consistent with your other requirements.

Cross Section Selection Chart

(For Super HC® V-Belts, Super HC Molded Notch V-Belts and Super HC PowerBand® Belts)

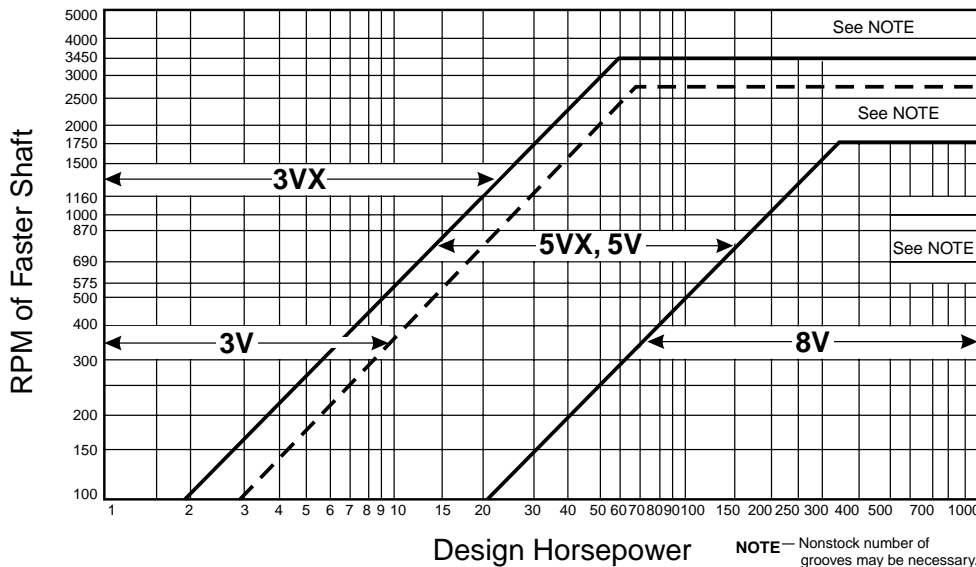


Figure No. 1

Cross Section Selection Chart

(For Hi-Power® II V-Belts, Hi-Power II PowerBand Belts and Tri-Power® Molded Notch V-Belts)

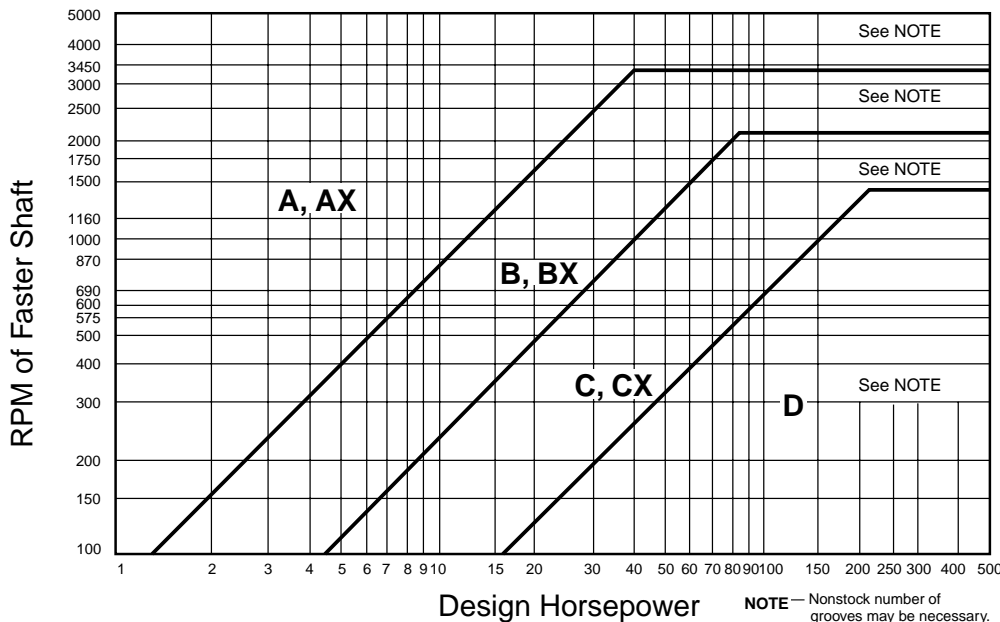


Figure No. 2

