

Chapter 3

Belt Drives

Chapter Objectives

When you have finished Chapter 3, “Belt Drives,” you should be able to do the following:

1. Have a basic understanding of belted power transmission drives.
2. Understand the history of belts.
3. Identify all of the basic types of v-belts, multi-rib belts, double-v, flat belts, and synchronous belts.
4. Know the characteristics and unique qualities of each of the various types of belts.
5. Understand where each type of belt is generally used and why.
6. List general application requirements for belt selections.