

SECTION 3 COMPARISON GRAPHS

In order to provide comparison of performances of different pitch drives, several graphs have been developed.

Figure 4 shows numerical values, plotted in logarithmic scale, of Rated Horsepower vs. Speed (rpm) of faster shaft.

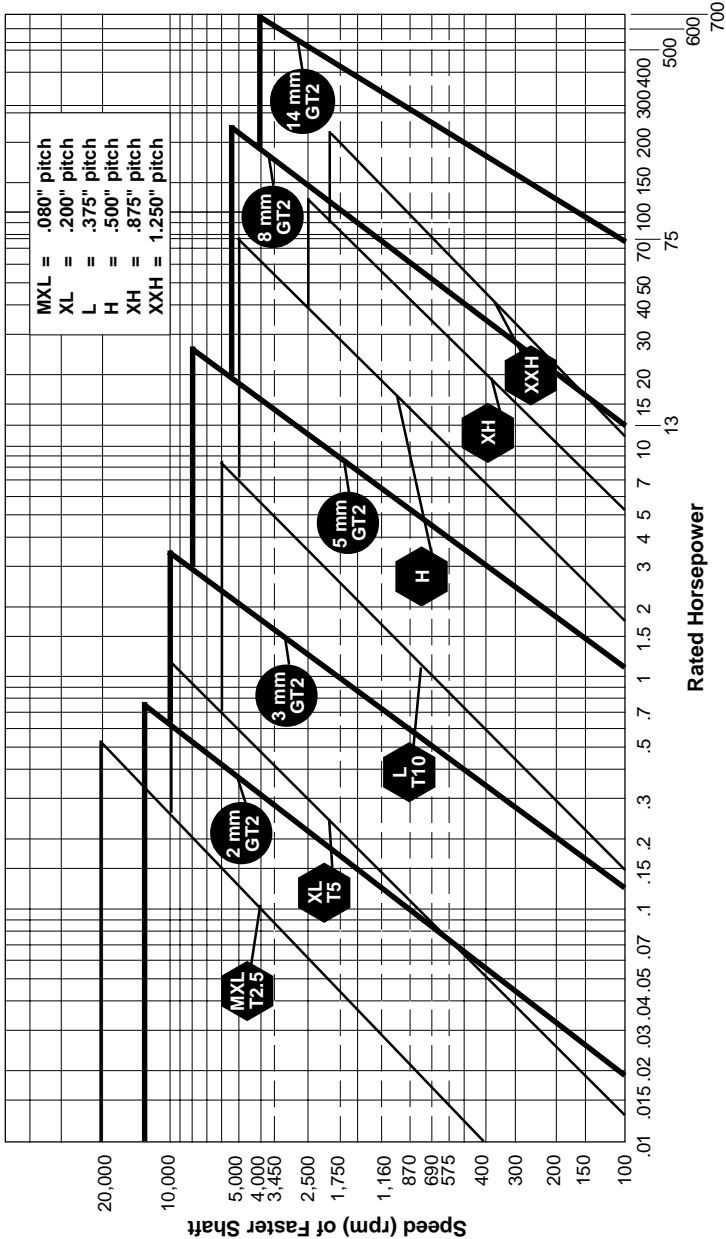


Fig. 4 Comparative Belt Pitch Selection Guide

Figure 5 shows an illustrative graph representation of horsepower ratings over a wide speed range of the belt types commonly used. The graph assumes that belt widths and pulley diameters have been chosen such that they provide realistic comparison of product capability.

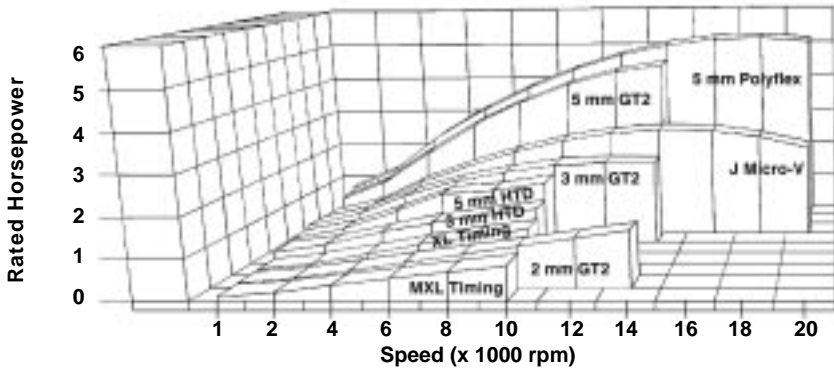


Fig. 5 Horsepower Ratings at High Speed

Figure 6 provides a comparison of the rated torque carrying capabilities of synchronous belts, on small diameter pulleys at low speeds. The pulley diameters and belt widths represent a realistic comparison.

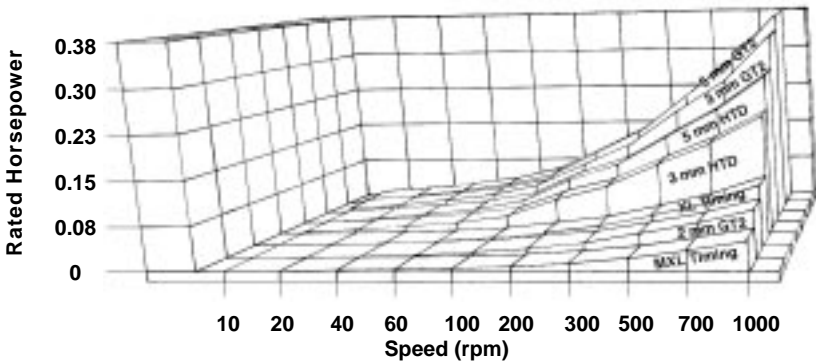


Fig. 6 Horsepower Ratings at Low Speed