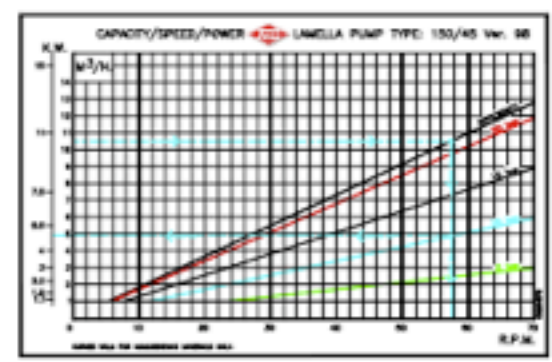


Capacity / Speed / Power

1. Select the needed capacity; then draw a horizontal line from the capacity (Y-Axis) to the efficiency line (this is based on 90% efficiency). From this intersection draw a vertical line to the R.P.M. line (X-Axis); this is your pump speed.
2. Horizontal power line (Y-Axis) At intersection of this vertical RPM line and pressure slope line, this represents the required power consumption at the requested capacity and pressures. **You need to consider friction losses of your current pipe system in this calculation.**



Please note: The pressure determines the required **power, the required capacity determines the RPM's. **When pumping products where greater "cutting power" is needed (i.e. bones, hides, frozen material, ect... increase the power by a minimal 30%.

This chart is intended for reference purposes ONLY, please contact an ANCO Engineer to discuss your requirements.