

PAPER MACHINE CLUTCH SELECTION WORKSHEET

FOLLOWING IS THE INFORMATION REQUIRED TO PROPERLY SIZE A CLUTCH FOR A PAPER MACHINE APPLICATION:

Torque Limited Applications: Fourdrinier, Press, Calendar or Reel (Recommended Clutch CB or VC)

- Sum of NRL (Normal Running Load) for components (see table x-20)

- Width of Web

- Paper Speed

- Clutch Speed

- Available air pressure

- SF (see x-20)

Torque & Energy Limited Application: Dryer (Recommended Clutch VC)

- Sum of NRL (Normal Running Load) for components (see table X-20)

- Width of Web

- Paper Speed

- Clutch Speed

- Number of Dryer Rolls

- Dryer Roll Diameter

- Acceleration Rate (use 50-60 fpm/sec if not specified)

- SF (see X-20)

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- Available air pressure

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- Journal bearing diameter (for dryer sections w/ plain journal bearings)

Complete and return to Airflex application engineering (216)281-3890.