

Powergrip®

Gates classical synchronous PowerGrip® belt offers a maintenancefree and economical alternative to conventional drives like chains and gears. Its application range extends from minimum drives (computer printers) to heavy-duty machinery (oil pumps, etc).

Identification Three part number on the back of the belt indicating belt length, pitch and width.

Construction• Trapezoidal tooth form.

- Precisely formed and accurately spaced elastomeric teeth ensure correct engagement with the pulley grooves.
- Fibreglass tensile cords.
- Nylon fabric cover protects the tooth surfaces.
- Available in standard pitches according to ISO 5296: MXL, XL, L, H, XH, XXH. For MXL sizes and description, see chapter on PowerGrip® MXL on page 29 - 30.

Advantages• Power transmission of up to 150 kW and speeds of up to 10000 rpm.

- Peripheral speed up to 80 m/s.
- Positive slip-proof engagement.
- Constant angular velocity.
- Efficiencies up to 99%.
- Low bearing load because of freedom of high tension.
- Maintenance-free continuity of operation.
- Wide range of load capacities and speed ratios.
- Compact design.
- Economical operation