

# TECHNICAL QUESTIONNAIRE 1/2

## POWER BELTS

### YOUR DETAILS

Company .....

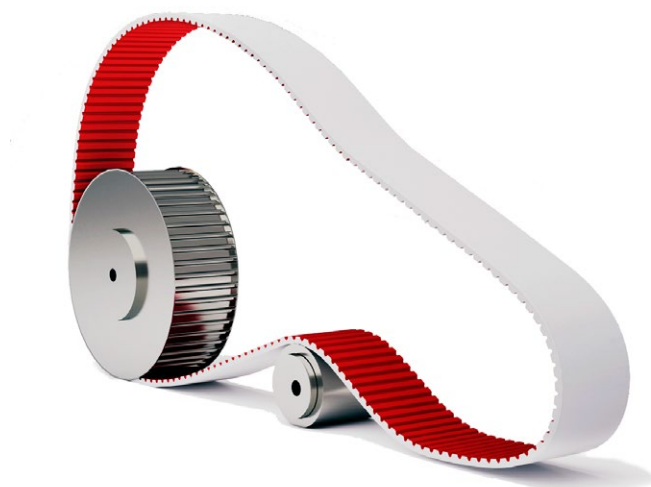
Contact .....

Mail .....

Phone number .....

Please return this questionnaire to the following address:  
info@binder-magnetic.fr

We strongly advise you to read the **technical explanations**  
**on our site** before completing it.



### DESCRIPTION OF THE POWER BELT FUNCTION

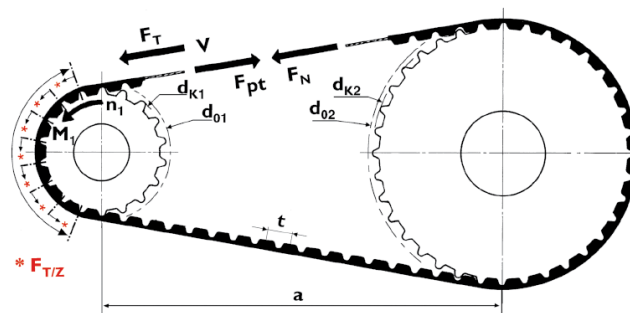
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### TYPES OF TRANSMISSION

- ☐ Primary transmission
- ☐ Multi-axis transmission
  - ☐ Single-toothed belt
  - ☐ Double-toothed belt



### TECHNICAL DATA

Nominal power (kW)  $P_n$  = .....

Rated torque (Nm) = .....

Starting torque (Nm) = .....

Braking torque (Nm) = .....

Speed of driving pulley (rpm)  $n$  = .....

Step-down ratio  $R$  = .....

Angular acceleration (rad/s<sup>2</sup>)  $\dot{\omega}$  = .....

Moment of inertia (kg.m<sup>2</sup>)  $I$  = .....

# TECHNICAL QUESTIONNAIRE 2/2

## POWER BELTS



### KINEMATICS

Type of motor .....

Other

Type of machine .....

Number of start-ups (Num./hour) .....

Operating time .....

Centre distance (mm) a = .....

Max. space requirement of width of belt = .....

Max. space requirement of pulleys (mm)

$Z_1 =$  .....  $Z_2 =$  .....

#### Environment

Temperature (°C) :  $T^\circ =$  .....

Humidity level (%) :  $\Phi =$  .....