

# DESIGNING OF BELT DRIVES

Please fill in all available data. Missing data can be determined by Lütgert or we will consult you by phone.

## Your contact data

Company \_\_\_\_\_

Name, First name \_\_\_\_\_ Department \_\_\_\_\_

Phone \_\_\_\_\_ E-Mail \_\_\_\_\_

## Drive unit

Elektric motor \_\_\_\_\_ Combustion engine \_\_\_\_\_ Nominal capacity (kW) \_\_\_\_\_  
Motor start-up: i. e. star-delta \_\_\_\_\_ Motor speed (rpm) \_\_\_\_\_  
Daily operating time: \_\_\_\_\_  
Reverse direction of rotation: No Yes Reverse of directions / hour \_\_\_\_\_  
Arrangement of shaft: horizontal vertical  
Effective diamenter of motor pulley (mm): min.: \_\_\_\_\_ max.: \_\_\_\_\_  
Maximum width of rim (mm): \_\_\_\_\_

## Type of machine

Type: i. e. pump, crusher, chipper \_\_\_\_\_  
Start-up: under load in idle  
Kind of load: constant pulsating shocky  
Power requirement (kW): \_\_\_\_\_ Output speed (rmp) \_\_\_\_\_  
Effective diameter of machine pulley (mm): min. \_\_\_\_\_ max. \_\_\_\_\_  
Maximum width of rim (mm): \_\_\_\_\_

## Drive layout

Ratio: exact \_\_\_\_\_ min. \_\_\_\_\_ max. \_\_\_\_\_  
Distance between axles: exact \_\_\_\_\_ min. \_\_\_\_\_ max. \_\_\_\_\_  
Tensioning / guiding roller: inside outside  
Type of tensioning: i. e. movable with spring or rubber suspension units \_\_\_\_\_  
min. \_\_\_\_\_ max. \_\_\_\_\_  
Environmental temperature (°C): \_\_\_\_\_  
Environmental influences: i. e. oil, water, dust, acid

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