

Start a new Project:

Project name:

Drum type:

Drum type:

Single or Double

Clamping position:

If Single: Shaft side or Coupling side

If Double: Outside or Inside

Clamping type:

On the drum or On the flanged wheel

Main lifting parameters:

Lifting weight: [t]

Lifting beam weight: [kg]

Lifting height: [m]

Main working area

Upper limit [m]

Lower limit [m]

Amount of pulleys: [-]

Amount of ropes per pulley: [-]

Winding direction:

Left or Right or Both

Lifting velocity: [m/min]

Rope:

Load collective:

Light or Medium or Heavy or Own collective

Load 1 [t or %]	<input type="text"/>	Amount 1 [Amount or %]	<input type="text"/>
Load 2 [t or %]	<input type="text"/>	Amount 2 [Amount or %]	<input type="text"/>
Load 3 [t or %]	<input type="text"/>	Amount 3 [Amount or %]	<input type="text"/>
Load 4 [t or %]	<input type="text"/>	Amount 4 [Amount or %]	<input type="text"/>

Total load cycles: [-]

Mean running time per day: [h/d]

Type of transport:

Regular or Hazardous

Manufacturer – Rope Type

Drum coupling:

Drum diameter: [mm]

Torque reduction due to 3-shift work (0% or between 25-40%): [%]

Coupling size: [-]

Feather key:

Material of feather key:

C45 C60 S355 30CrNiMo8 34CrMo4 42CrMo4

Material of shaft:

C45 C60 S355 30CrNiMo8 34CrMo4 42CrMo4

Application factor: [-]

Emergency stop time: [s]

Amount of emergency stops: [%]

Diameter of the feather key: [mm]

Feather key length: [mm]

Chamfer on the shaft: [mm]

Chamfer on the coupling: [mm]

Amount of feather keys: [-]

Angle between feather keys: [°]

Clamping:

Reserve windings: [-]

If flanged wheel clamping:

Angle between clamps: [°]

Clamping ratio: 1 : [-]

Amount of clamps: [-]

Drum thickness:

Lifting class: H1, H2, H3, H4

Stress collective: S0, S1, S2, S3

Material of the drum: S355 or S690

Rework allowance: [mm]

Drum thickness: [mm]

Main dimensions:

Drum length: [mm]

Distances between rope and flanges: [mm]

Distances between clamps and flanges: [mm]

Flange diameter: [mm]

Flange thickness coupling side: [mm]

Flange thickness shaft side: [mm]

Width of the hook block: [mm]

Min distance hook block – drum: [mm]

Type of first deflection roll: Moving or Fixed

Bearing:

With or without housing: With or Without

Rotary encoder: With or Without

Distance bearing – flanged wheel: [mm]

Shaft design:

Inside shaft length: [mm]

Diameter of the shaft inside: [mm]

Length of the ring: [mm]

Ring thickness: [mm]

Rip thickness: [mm]

Amount of rips: [-]

Welding seam rip / shaft: Fillet Weld or DHV

Welding seam ring / rip: Fillet Weld or DHV

Title block:

Prefix of the drawing number: [-]

Suffix of the drawing number: [-]

Employee short cut: [-]