ConCar
POWER TRANSMISSION SYSTEMS

Questionaire for the calculation of belt drives

Please supplement this sheet with the information you know.

Company :
Contact : _____
Telephone : _____
E-Mail : _____

Belttype : ☐V-Belt ☐-Timing ☐Flat

Motor data : ☐Electric motor ☐Combustion engine
☐direct ☐Star / Triangle ☐Softstarter ☐Frequency inverter
Nominal Power [KW] : _____
Torque [Nm] :
Revolutions [U/min] : _____

Pulleys :

Drive-Side
V-Belt : Ø= mm ☐maximum ☐desired size
Shaft : Ø= mm Keyway: ☐yes / ☐no

Driven-Side
V-Belt : Ø= _____ mm ☐maximum ☐desired size
Shaft : Ø= _____ mm Keyway: ☐yes / ☐no

Drive Ratio
Ratio : 1 : _____ ☐to the fast ☐to the slow
Revolutions driven pulley : U/min

Tensioning device : adjustable Motor : + _____ mm / - _____ mm
Tension roll : Ø= _____ mm ☐outside, flat ☐inside, profiled
without tightening option : ☐

Geometrie : Center distance : _____ mm

External inluences : Temperature : min _____ °C / max _____ °C
Shock loads : ☐none ☐slight ☐high
Dirt : ☐none ☐slight ☐high
☐Oil ☐Dust ☐Chips ☐Other _____

Description of the application:

Concrete Problem : _____

Reset fields

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