


| | | | |
|-----------------|--|---------------------|---|
| Project no. | | Toothed rack |  |
| Prepared / Date | | | |
| Changed / Date | | | |

Sender

From Company _____

Contact _____

Customer number _____

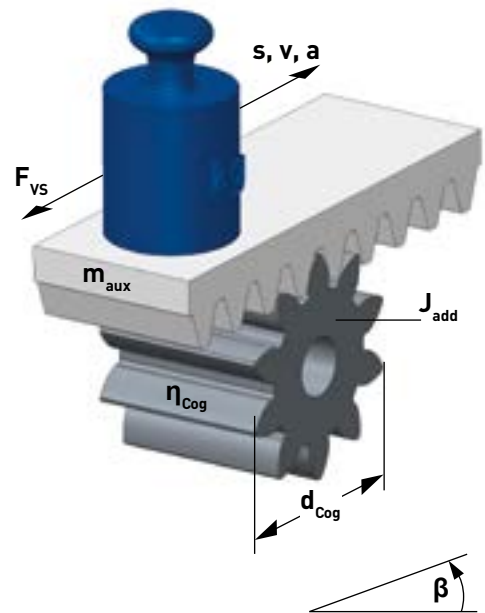
No. and Street _____

Postal code, town/city _____

Country _____

Phone _____

email _____



Application data

| | | | |
|--------------------------|----------------------------|-------------------------|------------------------------------|
| Diameter of pinion | (d_{Cog}) _____ mm | Efficiency | _____ |
| No. of teeth of pinion | (Z_{Pinion}) _____ | Toothed rack/pinion | (η_{Cog}) _____ |
| Helix angle of pinion | (β_{Pinion}) _____ ° | Coefficient of friction | _____ |
| Module pinion | (m_{Pinion}) _____ | Guide rail | (μ) _____ |
| Total moving mass | (m_{aux}) _____ kg | Additional | _____ |
| Inclination toothed rack | (β) _____ ° | moment of inertia | (J_{add}) _____ kgm ² |

Kinematic key data

| | | | |
|------------|-----------------------|---------------------------|------------------------------------|
| Cycle time | (t) _____ s | Max. acceleration | (a_{max}) _____ m/s ² |
| Max. speed | (v_{max}) _____ m/s | Counterforce (if present) | (F_{vs}) _____ N |

Gearbox details

Gearbox type _____

Gearbox size _____

Design _____

Ratio $i =$ _____

Backlash Standard Reduced \leq _____ arcmin

Installation position US = _____ AS = _____

Foodsafe version

Ambient temperature _____ °C

Motor data

| | | | |
|--------------------------|--|---------------------------|------------------|
| Motor shaft- \emptyset | $(d \times l_1)$ _____ mm | Pitch circle- \emptyset | (e_1) _____ mm |
| Register- \emptyset | (b_1) _____ mm | Motor mounting | (s_2) _____ |
| Outer geometry of flange | <input type="checkbox"/> Square <input type="checkbox"/> Round | | |