

Request
for calculation of bearing arrangement



Schaeffler Technologies GmbH & Co. KG
Product Line Spindle Bearings

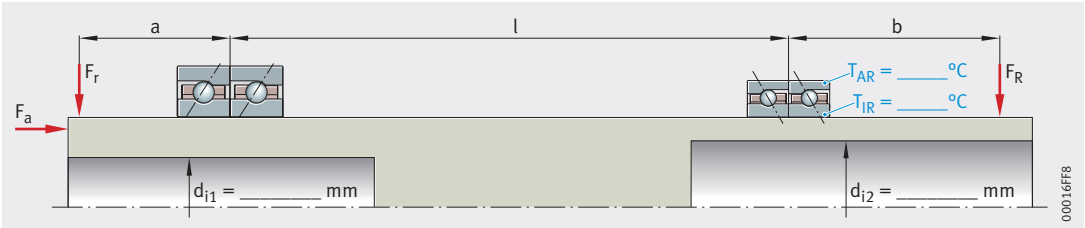
Design:
Drawing attached:
Bearing arrangement (diagram, for example << >):
rigid
spring-adjusted
spring
Customer:
Contact:
Application:
Drive:
Shaft:
vertical
horizontal
swivelling
Bearing type(s) on working side (front):
Bearing type(s) on drive side (rear):

Max. speed : min-1 Lubrication: Nominal viscosity: mm2 · s-1

Table with 6 columns: Forces (Fr, Fa, Ft), Speed, Time proportion, Tool diameter, Overhang, Belt tension, drive. Includes a header row and five data rows.

Special environmental influences/ operating conditions:
Assumptions:
Bearing operating temperature front/rear: T= / °C
ΔT (inner ring/outer ring) front/rear: / K
Interference (shaft/inner ring) front/rear: / μm

Bearing spacing l = mm, drive spacing b = mm, overhang a = mm (see table)



Questions (please attach drawing if possible):

Contact: Date:
This form is also available in electronic form at www.fag.de

