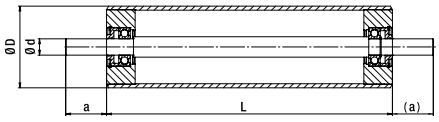
INOMETA SMOOTH-RUNNING ROLLERS

Company: | Contact person:

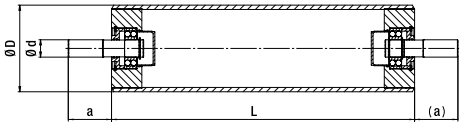
Address: | Telephone:

E-Mail:

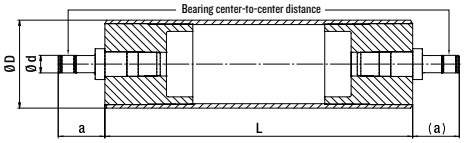
◯ SMOOTH-RUNNING ROLLER WITH AXLE (TYPE BA)



◯ SMOOTH-RUNNING ROLLER WITH AXLE STUB (TYPE BB)



◯ SMOOTH-RUNNING ROLLER WITH SHAFT STUB (TYPE BC)



GEOMETRIC DIMENSIONS AND TOLERANCES (Note: tolerances may change if coatings are applied)

Diameter (D): [mm]

Diameter tolerance: [mm]

Roller body length (L): [mm]

Total roller length: [mm]

Total roller length tolerance: [mm]

Distance between bearing centers (Type BC): [mm]

Journal length (a): [mm] only for asymmetrical journals

Journal diameter (d): ◯ Standard or ◯ [mm]

Mounting thread: ◯ Standard metric per DIN 332D (Types BA, BB) or ◯

Journal material: ◯ Steel (Standard) or ◯

Roller body material: ◯ Aluminum (Standard) ◯ CFRP ◯ Steel ◯ Stainless steel ◯ Other:

Flooring material: ◯ Aluminum (Standard) ◯ Steel ◯ Stainless steel ◯ Other:

Rolling bearing type: ◯ Standard or ◯

Circular runout and cylindricity: Standard ◯ 0,3 mm ◯ 0,035 mm/m or ◯ [mm]

Balancing quality: ◯ according to DIN ISO 1940 G (Standard) or ◯

Balancing speed: [m/min]

INOMETA standard dimensions and tolerances can be found in the web-guiding roller brochure.

SURFACE

◯ Uncoated

◯ PROTEK No.: (if known)

◯ HC (Hard anodizing)

◯ Rubber coating / Type: Layer thickness: [mm]

◯ Chrome

Surface roughness (Rz):

Please get in touch to arrange a viewing consultation: ◯ Yes

Problem description: What property should the coating fulfill?

◯ spiral-bound (see brochure)

Type: ◯ VMRL ◯ VLVR ◯ Other:

Form: ◯ Radius (R) 2 mm ◯ 3 mm ◯ 4 mm ◯ 6 mm Other:

◯ Radiused shape with extension (standard) ◯ Other:

Number of gears: Gradient (H):

◯ concave ◯ convex

(If selected, please sketch the shape on the following sketch sheet)

Required quantity:

Annual requirement:

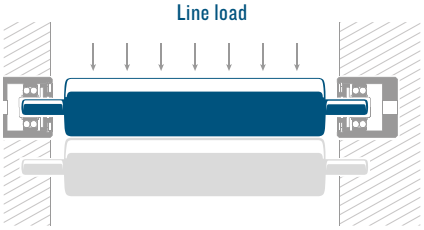
PROCESS REQUIREMENTS

This is not required if the roller conforms to the standard definition. It only applies in cases with specific requirements. For example, if the roller body is to be made of CFRP.

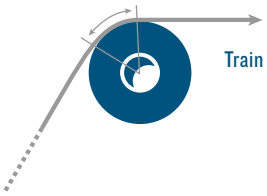
Loading condition: Line load [N/m] Web tension [N/m] and wrap angle [°]

Permissible total deflection: [mm]

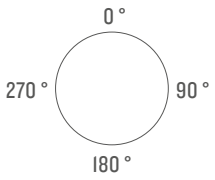
Line load



Angle of wrap



Direction of the force in degrees



◯ Sketch (use page 3) ◯ Not yet known

Web material:

Web thickness: min [mm] max [mm] Web width: min [mm] max[mm]

Ambient conditions: ◯ Drying room ◯ Cleanroom ◯ Vacuum ◯ Other:

Maximum ambient temperature: [°C]

SKETCH AND REMARKS