

Dimensioning internal Locking Devices

Clamping devices

[EN]

Client

Project

In order to allow us an accurate assessment / design, please fill in all the known data.
If you are able to provide us a drawing, a sketch or similar, please send us such known information too.

Änderungen vorbehalten | Changes reserved

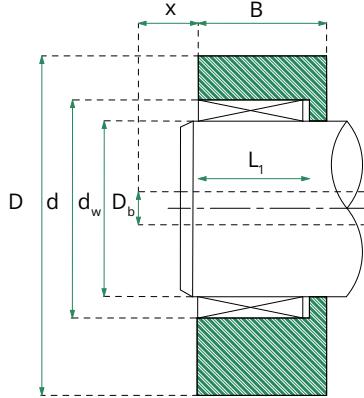
Device type:

Motor power	p [kW]	Max. add.
Speed at LSS	n [min ⁻¹]	bendig moment M_b [Nm]
Safety factor	SF	Max. add. axial load F_{ax} [N]
Nominal torque	M_t [Nm]	operation time [%]
Max. torque	$M_{t\max}$ [Nm]	Number of starts [n/t]
Max. add. radial load	F_{rad} [N]	

Surrounding area:

corrosive
dust
Temperature range [°C]

Geometric details:



Width of the hub	B [mm]
Shaft diameter	d_w [mm]
Bore in the shaf	D_b [mm]
Hub outside Ø	D [mm]
Bore in the hub	d [mm]
Installation dept	L_1 [mm]
available space	x [mm]

Materials:

Shaft
Hub

Designation

$R_e/R_{p0,2}$ [MPa]

E-Modulus [MPa]

Comments: (coatings, environmental conditions, number of tensions, special requests, etc. ...)