Änderungen vorbehalten | *Changes reserved*

Revision: 04

Dimensioning external clamping shaft / hub connection

(Shrinkdisc)

Company _____ Date _____

Address _____

Contact _____ Department _____

Phone _____ FAX _____

E-Mail _____

Reference _____

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In order to allow us an accurate evaluation / 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.

Load configuration:

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

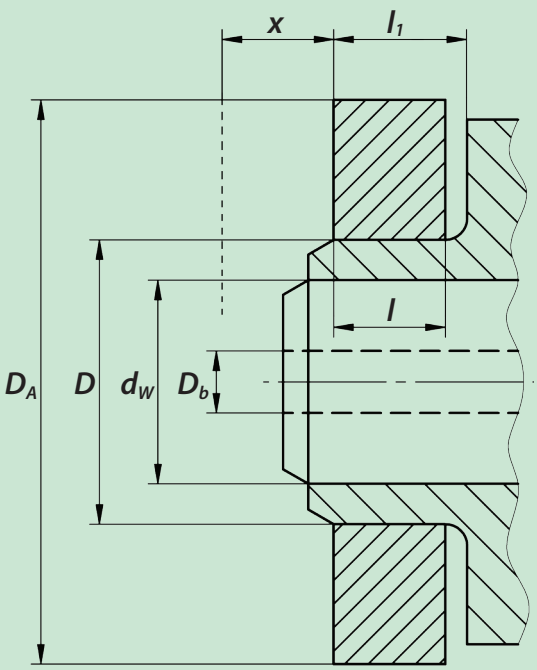
Device type:

- ◯ Type 30..
- ◯ Type 31..
- ◯ SHS (hydraulic)
- ◯ Customized

Environment:

- ☐ corrosive
- ☐ Dust

Temperature range [°C] _____



Geometric details:

Nominal diameter	D [mm]		Tolerance		Rz
Shaft diameter	d_w [mm]		Tolerance		Rz
Bore in the shaft	D_b [mm]				
Max. clamping length	l [mm]		Max. install. length	l_1 [mm]	
Max. diameter	D_A [mm]		available space	x [mm]	

Materials:	**Designation**	$R_e/R_{p0,2}$ **[MPa]**	***E-Moduls* [MPa]**
Shaft			
Hub			

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

Schutzvermerk nach DIN ISO 16016 beachten | *Observe protection notices in accordance with DIN ISO 16016*