

Request Data

Slewing Bearings

General Information

Request Date:	Telephone:
Company:	E-Mail:
Contact Person:	Application:
Road:	Machine / Type:
Postcode: Location:	Required quantity:
Country:	Requested delivery date:

Application

Application (please describe briefly and include a sketch):

Project name:

Exchangeable with existing solution: yes (please include drawing) no

Operating conditions and loads

Position of rotary axis

vertical	horizontal	alternating (please call to discuss!)
exerted load		
suspended load		

Type of movement

Pivotal movement	Continual rotational movement
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Bearing load

Tilting moment [kNm]	Axial load [kN]	Radial load [kN]	Total bearing rotations or Adjusting speed [U/s] or [°/s] and time unit [h] or Swing angle [°] and number of swing cycles [1]

Additional design features	Operation		Stationary		
Temperature range [°C]:	min:	max:	min:	max:	
Sealing system:	Sealed on both sides	Dust seal	Special seal against:		
Corrosion protection (ISO 12944 part 5):	Untreated, preserved	C3	C4	C5	
Standards, approval conditions (EN10204):	3.1 DNV/GL	3.2 if yes, approval company: ABS LRS CSR BV Others:			

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Installation space

External diameter, maximum [mm]:

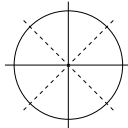
Height, maximum [mm]:

Inner diameter, minimum [mm]:

Other boundary conditions, add sketch if necessary:

Gearing

Gearing data

External gear	Internal gear	none
	Slewing bearing	Pinion (include pinion drawing if possible)
Modul m [mm]:		
Pressure angle α [°]:		
Angle of inclination β [°]:		
Number of teeth z:		
Tooth width b [mm]:		
Addendum modification x_m [mm]:		
Quality:		
Number of drives:	Add position of drives and main operating area to sketch	

Tooth loads

Static [kNm]:	per drive	total	
Operating loads:	per drive	total	
Load [kNm]	Time [h]	Load [kNm]	Time [h]

Additional information

Prototype	Series
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Comments / Additional requirements

For further questions,
please do not hesitate to contact us.
Please return completed form to:

Reset all settings
Print form
E-mail to: components@liebherr.com