

Request Data

Slewing Drives

General Information

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

Design data

Operating data

	Nominal dyn. output torque $T_{dyn,nom}$	Max. dyn. output torque** $T_{dyn,max}$	Static output torque T_{stat}
Load [Nm]			
Speed [rpm]			

Classification according to FEM*

Drive unit class M
Load condition L
Running time classification T

* Liebherr recommends to design according to the guidelines of the FEM (Fédération Européenne de la Manutention) Section I, Rules for the design of hoisting appliances

** incl. all influencing factors

Design size selection

Design size	DAT 200	DAT 225	DAT 250	DAT 300	DAT 350	DAT 400	DAT 450	DAT 500	DAT 600
Reference torque $T_{dyn,r}$ [Nm]	5.000	8.000	11.000	18.000	30.000	44.000	60.000	82.000	142.000
Please tick selected design size	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Selected gear ratio i									

Gearing data

	Pinion	Counter wheel
Module m [mm]		
Number of teeth z		
Tooth width (respectively pinion height) LR [mm]		
Profile displacement factor x	0,5	
Number of gearboxes per counter wheel		
		Interior gear <input type="checkbox"/> Exterior gear <input type="checkbox"/>

Motor data hydraulic motor

Manufacturer
Type
Displacement [l/min]
Pressure differential [bar]
Holding brake (for hydraulic motor)*
Include in delivery yes <input type="checkbox"/> no <input type="checkbox"/>
Min. release pressure [bar]
Max. release pressure [bar]
Max. dynamic pressure [bar]

Motor data electric motor

Manufacturer
Type
Power [kW]
Speed [rpm]
Starting torque [Nm]
Duty rate [%]

*Designed as wet-running, hydraulically-released, spring-loaded multiple disc brake

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Comments / Additional requirements

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

Liebherr-Components AG
Postfach 222, CH-5415 Nussbaumen/AG
☎ +41 56 296 43 00, Fax +41 56 296 43 01
www.liebherr.com, E-Mail: components@liebherr.com