

# Quotation Request for Slewing Drives

Company		Date	
Contact person		Application	
Department		Machine / Type	
Postal address		Required amount	
Telephone	Fax	Delivery date	
Email			

## Design data

Operating data				Classification according to FEM*	
	Nominal dyn. output torque $T_{dyn,nom}$	Max. dyn. output torque** $T_{dyn,max}$	Static output torque $T_{stat}$	Drive unit class M	
Load [Nm]				Load condition L	
Speed [rpm]				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 according to the Liebherr "Series model range" catalogue

Design size	DAT 225	DAT 250	DAT 300	DAT 350	DAT 400	DAT 450	DAT 500	DAT 600
Reference torque $T_{dyn,r}$ [Nm]	8,000	11,000	18,000	30,000	44,000	60,000	82,000	142,000
Please tick selected design size								
Selected gear ratio i								

## Gearing data

	Pinion	Counter wheel
Module m [mm]		
Number of teeth z		
Tooth width (respectively pinion height) $L_R$ [mm]		
Profile displacement factor x	0.5	
Number of gearboxes per counter wheel		
		Interior gear <input type="checkbox"/> Exterior gear <input type="checkbox"/>
Other		

## Motor data

Hydraulic motor		Electric motor	
Manufacturer		Manufacturer	
Type		Type	
Displacement [l/min]		Power [kW]	
Pressure differential [bar]		Speed [rpm]	
		Starting torque [Nm]	
		Duty rate [%]	
<b>Holding brake (for hydraulic motor)*</b>		<b>Miscellaneous:</b>	
Include in delivery	yes <input type="checkbox"/> no <input type="checkbox"/>		
Min. release pressure [bar]			
Max. release pressure [bar]			
Max. dynamic pressure [bar]			

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

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