

Quotation request for planetary plug-in gearboxes

| | |
|----------------|-----|
| Company | |
| Contact person | |
| Department | |
| Postal address | |
| Telephone | Fax |
| Email | |

| | |
|-----------------|--|
| Date | |
| Application | |
| Machine / Type | |
| Required amount | |
| 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} |
|-------------|---|--|------------------------------------|
| Torque [Nm] | | | |
| Speed [rpm] | | | |

Classification according to FEM*

| | |
|---|--|
| Max. cable pull F_{max} [kN] | |
| at rope layer diameter D_L [mm] | |
| Rope speed at max. cable pull v_F [m/min] | |

* 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" brochure

| Size | PEG 250 | PEG 300 | PEG 350 | PEG 400 | PEG 450 | PEG 500 | PEG 550 | PEG 600 | PEG 650 | PEG 700 | PEG 800 | PEG 900 | PEG 1000 | PEG 1100 |
|-----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Reference torque $T_{dyn,r}$ [Nm] | 8,500 | 10,000 | 20,000 | 35,000 | 50,000 | 65,000 | 90,000 | 120,000 | 145,000 | 180,000 | 250,000 | 370,000 | 510,000 | 700,000 |
| Please tick selected 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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Selected ratio $i \pm 5\%$ | | | | | | | | | | | | | | |

Motor data

Hydraulic motor

| | |
|-----------------------------|--|
| Manufacturer | |
| Type | |
| Displacement [l/min] | |
| Pressure differential [bar] | |

Electric motor

| | |
|----------------------|--|
| Manufacturer | |
| Type | |
| Power [kW] | |
| Speed [rpm] | |
| Starting torque [Nm] | |
| Duty cycle [%] | |

Holding brake (for hydraulic motor)*

| | | |
|----------------------------------|------------------------------|-----------------------------|
| Include in delivery | yes <input type="checkbox"/> | no <input type="checkbox"/> |
| Min. air pressure [bar] | | |
| Max. air pressure [bar] | | |
| Max. accumulation pressure [bar] | | |

Miscellaneous

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|--|
| |
|--|

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

Please send to:

Liebherr-Components AG
Postfach 222, CH-5415 Nussbaumen/AG
Fax +41 56 296 43 01
info.cos@liebherr.com