

Customer specification GFB

In order to work out a quotation for your **swing application**, we kindly ask you to fill out this spec sheet.

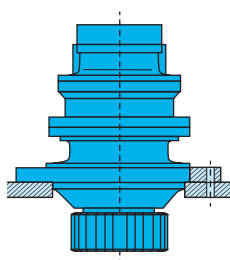
Please send your inquiry to **sales.ii@zf.com**

Please enclose existing drawings and diagrams.

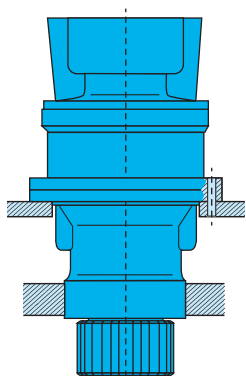
Company:
Name/Dept.:
Location/City:
Phone:
E-mail:
Date:

Operating data / design

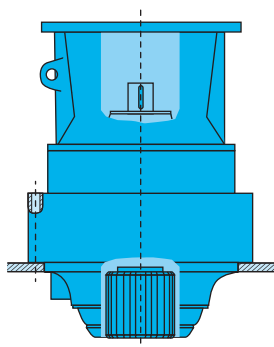
One centering seat with motor



Two centering seats with motor



With inner splined shaft



Type of machine _____

Rating acc. to FEM section I T _____ L _____ M _____

or alternative load spectrum _____

Ambient temperature from/to _____ °C

Operating machine weight _____ t

Hydraulic lifting power, max. _____ t

Superstructure speed n_o _____ rpm

Superstructure torque T_o _____ rpm

Duty cycles per minute _____

Gearbox GFB _____

Output torque, max. $T_{2\ max}$ _____ rpm

Output speed, max. $n_{2\ max}$ _____ rpm

Ratio i _____

Output pinion _____

No. of teeth z _____

Module m _____ mm

Tooth width b _____ mm

Pressure angle _____ degrees

Profile shift coefficient x _____

Pinion mounting position bottom top horizontal

Gearbox with eccentricity no yes _____ mm

Operating data/design

Slewing ring

Slewing ring manufacturer _____

Type _____

Design of slewing ring internal gearing external gearing

No. of teeth slewing ring z _____ mm

Tooth width of slewing ring b _____ mm

Center dist. pinion – gear ring _____ mm

Brake

Multi-disk parking brake yes no if yes: wet dry

Min. parking torque of multi-disk parking brake _____ Nm

With mech. unlocking device yes no

Release pressure, max. P_{max} _____ bar

Release pressure, min. P_{min} _____ bar

Top coat specific yes no

Colour RAL no. _____

Technical motor data

Motor type hydraulic electric

Motor - supplier _____

 - type code _____

Details for hydraulic motor:

Displacement $V_{g\ min}$ _____ cm³

Displacement $V_{g\ max}$ _____ cm³

Working pressure Δp _____ bar

Input flow, max. $q_{v\ max}$ _____ l/min

Details for electric motor:

Nominal power _____ kW

rpm _____ /min

General information

Estimated number of gearboxes per year _____

Delivery date: Prototype/Serial start _____

Are there any legal requirements and/or other standards to be considered?

yes no if yes, please specify _____

Further requirements (e.g. application details, customer drawings, type plate, limiting dimensions, noise and vibration requirements ...):