

Customer specification wheel drive GPT

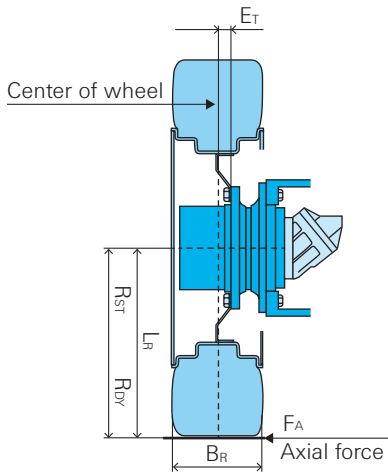
In order to work out a quotation for your **wheel application**, we kindly ask you to fill out this spec sheet.

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

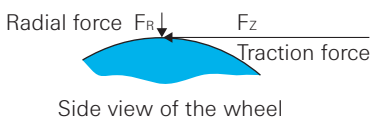
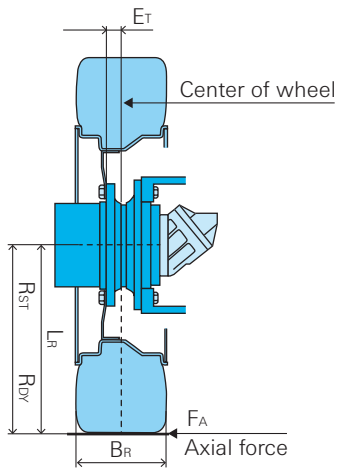
| |
|----------------|
| Company: |
| Name/Dept.: |
| Location/City: |
| Phone: |
| E-mail: |
| Date: |

Operating data / design

E_T negative



E_T positive



Type of machine _____

| | |
|--------------------------------|------------------------------|
| Machine weight | empty _____ t loaded _____ t |
| Max. traction force of machine | F_Z _____ N |
| Gradeability | s _____ % |
| Total number of wheels | _____ |
| Number of driven wheels | _____ |
| Wheel radius - static | R_{ST} _____ mm |
| - dynamic | R_{DY} _____ mm |
| Max. travel speed | V_{max} _____ km/h |
| Working speed | V _____ km/h |
| Ambient temperature | from _____ to _____ °C |
| Wheel width | B_R _____ mm |
| Wheel rim diameter | D_F _____ Zoll |
| Wheel offset | E_T _____ mm |
| Center diameter/wheel rim | _____ mm |
| Bolt circle diameter/wheel rim | _____ mm |
| Wheel stud diameter | _____ mm |
| Number of studs | _____ |
| Radial force each drive | F_R _____ N |
| Axial force each drive | F_A _____ N |

Operating data / design

Required load spectrum and expected service life

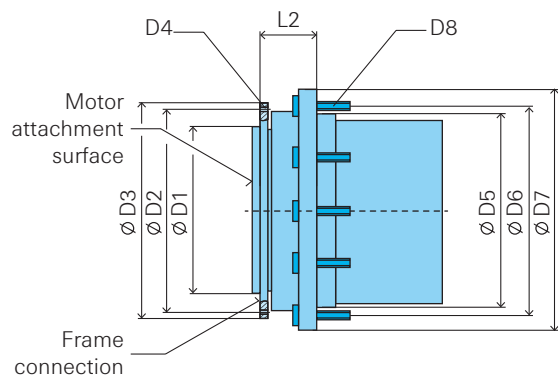
| Condition | Output torque (Nm) | Radial load (N) | Output speed (rpm) | Time slice (%) |
|-----------|--------------------|-----------------|--------------------|----------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

Estimated service life _____ \sum h

Technical gearbox data

Gearbox size GPT _____
 Max. output torque $T_{2 \max}$ _____ kNm
 Max. output speed $n_{2 \max}$ _____ rpm
 Gear ratio i _____
 Disconnect mechanism yes no
 Multi-disk parking brake yes no
 Min. parking torque _____ Nm
 Release pressure, max. P_{\max} _____ bar
 Release pressure, min. P_{\min} _____ bar
 Dynamic brake yes no
 Top coat specific yes no
 Colour RAL no. _____

Operating data / design



Dimensions of gearbox

Standard dimensions see valid "technical data sheet".

For special requirements please complete table.

| | | |
|----|-----------------------|-------|
| D1 | _____ | mm |
| D2 | _____ | mm |
| D3 | _____ | mm |
| D4 | No./Thread _____ pcs. | _____ |
| D5 | _____ | mm |
| D6 | _____ | mm |
| D7 | _____ | mm |
| D8 | No./Thread _____ pcs. | _____ |
| L2 | _____ | mm |

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 ...):