

21 Technical questionnaire

for calculating the dimensions of the universal joints

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Customer's address

Company _____
 Street _____
 Zip code _____
 Contact person _____
 Phone/Fax _____
 Date _____
 Signature _____

The following specifications are required for calculating the dimensions of universal joints:

1. enquiry regarding catalog item or special design ? catalog-item special design
2. driving side: electromotor _____ combustion engine _____
 power output _____ kW at speed _____ r.p.m.
 torque max. _____ Nm at speed _____ r.p.m.
 coupling type: _____
 flexible intermediate element yes no
3. driven side drive axis differential pump

4. Operative environment:

4.1 Impact factors (fz) for most widely used drives, e.g.:

drive	with flexible intermediate element	(x)	without flexible intermediate element	(x)
electromotor	1,0	<input type="checkbox"/>	1,0 - 1,5	<input type="checkbox"/>
gasoline engine more than 4 cyl.	1,25	<input type="checkbox"/>	1,75	<input type="checkbox"/>
gasoline engine less than 4 cyl.	1,5	<input type="checkbox"/>	2,0	<input type="checkbox"/>
diesel engine more than 4 cyl.	1,5	<input type="checkbox"/>	2,0	<input type="checkbox"/>
diesel engine less than 4 cyl.	2,0	<input type="checkbox"/>	2,5	<input type="checkbox"/>
other drive:				

- 4.2 special conditions: intense dust contamination and pollution yes no
 ambient temperature _____ C°
 peak temperature _____ C°
 humidity or steam yes no
 acidic steam yes no

5. Joint specifications: max. torque _____ Nm
 permanent torque _____ Nm
 max. speed _____ r.p.m.
 deflection angle a _____ degrees
 length contracted (for shaft joints) _____ mm
 length extended (for shaft joints) _____ mm
 installation position horizontal vertical
 service life required (approx.) _____ hours

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6. amounts required/frequency: once continually
 continually needed amounts – skeleton agreement desired yes no
 Do you wish for our representative to contact you for a consultation yes no

7. Remarks (explanations, diagrams, specifications, etc.)

