

1. Customer

Company name:

Address:

Town:

ZIP:

State:

Contact person:

Phone:

Fax:

E-mail:

2. Application

Description of application, machine:

Machine type:

Info also available at web:

Bearing will be used for:

New application

Replacement, spare parts

3. Operation / Speed

Rotating ring:

Outer race

Inner race

Axis of rotation:

Vertical axis

(Bearing installed horizontal)

Horizontal axis

(Bearing installed vertical)

Angular

(Please, specify in Remarks)

Variable

(Please, specify in Remarks)

Direction of rotation:

Mainly one-direction

Cyclic (Oscillating)

Way of rotation:

Continuous

Interrupted

Maximal speed:

rpm

Maximal angle of rotation

Required file:

hours or

cycles

4. Dimensions

	Most suitable		Acceptable range	
	mm	inch	mm (max)	inch (max)
Outside diameter	mm	inch	mm (max)	inch (max)
Inside diameter	mm	inch	mm (min)	inch (min)
Overall height	mm	inch	mm (max)	inch (max)
Raceway diameter	mm	inch	mm (max)	inch (max)

Outer race (most suitable)

Inner race (most suitable)

Bolts cycle diameter:

mm

inch

mm

inch

5. Bearing loads

Working regime	Loads			Gear**		Rotational speed		Time of rot. %
	Axial*	Radial	Moment	Tooth load	Gear torque	Max	Average	
1								
2								
3								
4								

Unit of measurement

kN, kNm

lbs, lbs.ft

* Axial loads are positive if compression, negative if tensile

** Tooth loads ate loads pre tooth. Torque load is total torque on the ring gear (fill in only one)

6. Gear requirements

External gear Internal gear No gearing
Tooth form: Modul/DP: Contact angle:

	Pinion	Geared ring
Number of teeth		
Modification		
Gear width		

Other requirements (precision, quality):

Please, include the drawing of the pinion if possible

7. Bolts

Metric only SAE only Metric or SAE
Bolt diameter: Bolt material:

Outer race bolt holes:

- Thru without thread
 Thru and counterbored

 Tapped
 Tapped and counterbored

 Without special request

Inner race bolt holes:

- Thru without thread
 Thru and counterbored

 Tapped
 Tapped and counterbored

 Without special request

8. Special requirements (check where applicable)

- Seals are required Extremely dirty
 No grease lubrication Oil lubrication
- Location specification of grease holes:
- | | |
|---|---|
| Outer race | Inner race |
| <input type="checkbox"/> Outer diameter | <input type="checkbox"/> Inner diameter |
| <input type="checkbox"/> Mounting site | <input type="checkbox"/> Mounting site |
| <input type="checkbox"/> Other (specify in remarks) | <input type="checkbox"/> Other (specify in remarks) |
- High temperature (>50°C) Max. temperature °C
 Low temperature (<-25°C) Min. temperature °C
 Precision/preload bearing (Please provide det. below)
 Rolling elements must be caged. No spacers

Remarks:

For the most precise and economically proposal, please attach applicable drawings or sketches.

9. Offer

Required date of offer: Required date of delivery:
Quotation quantity: pcs
Annual requirements: pcs/year

Please send the filled questionnaire to one of the following address:

Thank you very much for your cooperation

PSL, a.s.; Slovakia
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