A.MANNESMANN
A member of
SCHNEEBERGER linear technology

AM ball screws

Inquiry data

Company	**For check-backs contact – name**
Address	**Department**
Telephone	**Telephone-extension**
Telefax	**E-Mail**

1. Application - type of machinery

○ prototype - new design ○ serial machine ○ special application

2. Characteristic values

nominal dia d_o = _____ mm lead P = _____ mm ○ RH, standard ○ LH

total length = _____ mm threaded length = ____ mm

3. Tolerance class - type

IT 1 - variation V 300p : 6 µm ○

IT 3 - variation V 300p : 12 µm ○ AM standard

IT 5 - variation V 300p : 23 µm ○

○ type: **T** direct measuring system with linear scale
○ type: **P** indirect measuring system with rotary transducer on screw, nut or motor

4. Operating conditions

axial load, static, max. _____ kN

axial load, dynamic, max. _____ kN

load spectrum

axial load **F** (kN) on the relevant effective **speed n** (min $^{-1}$)	F_1= n_1=	F_2= n_2=	F_3= n_3=	F_4= n_4=	F_5= n_5=
proportion of time %	q_1=	q_2=	q_3=	q_4=	q_5=

max. speed n_{max}=_____ min $^{-1}$

max. acceleration a = _____ m/s^2

accelerated mass m = _____ kg

required service life L = _____ h (on 100 % continuous working)

extraordinary conditions: _____

_____

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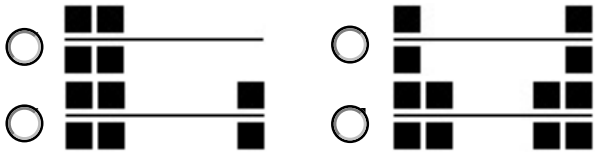
5. Installation conditions

mounting position ◯ horizontal ◯ vertical

◯ inclined _____ °

load direction ◯ two sides ◯ one side

screw supporting 

rotating element ◯ nut ◯ screw

environmental temperature _____ ° C

special environmental influences _____

_____

6. Lubrication

◯ oil
type: _____

◯ grease
type: _____

7. Nut execution

AM standard nut preloaded double nut with end flange

◯ DSF data sheet 2.51 - driven screw
type No. 1. Choice Choice

◯ DSF data sheet 2.52 - driven nut
type No. 2. Choice A

special nut ◯ _____

wiper ◯ AM standard wiper ◯ special design

axial rigidity of the preload double nut R_{nu} = _____ kN/µm

no load torque of the preloaded double nut T_{pr0} = _____ Nm

8. Enquiry drawing

No. _____

9. Demand - required quantity

pcs./actual _____ per year _____

10. Delivery time desired

weeks _____