

Project Planning Sheet

Ballscrew

Editor:		Date:	
Company:		Contact Person:	
Street:		Phone:	
Town:		Telefax:	
Web:		E-Mail:	

Quantity:		Time schedule:	
Project:		Project no.:	

Mounting position	System parameters
	Nut type:
	Tolerance class: T5 <input type="checkbox"/> T7 <input type="checkbox"/> Other
	Ballscrew diameter ds (mm)
	Lead P (mm)
	Total length lg (mm)
	Load m (Kg)
	Thread length ls (mm)
$\alpha = 0^\circ$ horizontal <input type="checkbox"/> $\alpha = 90^\circ$ vertical <input type="checkbox"/> $\alpha = \text{ }^\circ$	Friction force F_R (N)
	Standard (axial play) <input type="checkbox"/> free of play <input type="checkbox"/> preload %
	Other information:

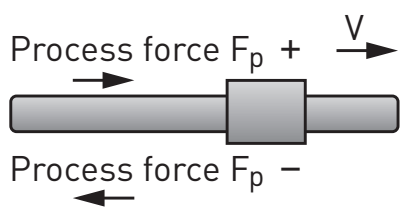
Type of bearing	Lubrication	Operating temperature
Fixed - Fixed <input type="checkbox"/>	Oil <input type="checkbox"/>	min. °C max. °C
Fixed - Supported <input type="checkbox"/>	Grease <input type="checkbox"/>	Special operating conditions (e.g. dust, fluids, vibrations)
Supported - Supported <input type="checkbox"/>		
Fixed - Free <input type="checkbox"/>		

Cycle data						
Phases	Direction of motion see (1)	Process force (\pm) Fp (N) see (2)	Acceleration Deceleration a (m/s ²)	Rotating speed (1/min)		Time slice (%) *
				n1	n2	
1						
2						
3						
4						
5						
6						
7						
8						
9						

* without downtime periods

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Total travel of cycle	L zyk.	(mm)	Signs in the process force ⁽²⁾ 
Total time of cycle	t zyk.	(s)	
Max. velocity	v max	(m/s)	
Other information:			

Operating time			Required lifetime		
Cycles/hour	(c/h) = <input type="text"/>	1-shift-operating <input type="checkbox"/>	in Cycles	(z)	Lz = <input type="text"/>
		2-shift-operating <input type="checkbox"/>	in Kilometers		Lkm = <input type="text"/>
Working days/year	(d/y) = <input type="text"/>	3-shift-operating <input type="checkbox"/>	in Years	(y)	Ly = <input type="text"/>

Other notes