

Project Planning Sheet

Linear Guideway



Motion Control & Systems

Customer Data	
Company:	Contact Person:
	Department:
	Phone:
Project:	Fax:
	Email:

Application (please mark with a cross)

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Mounting Position (please mark with a cross)			System Parameters $Z_A =$ [mm] $Y_A =$ [mm] $S =$ [mm] $W =$ [mm] Center of Gravity $m =$ [kg] $x_m =$ [mm] $y_m =$ [mm] $z_m =$ [mm] Angle $\alpha =$ [°] $\beta =$ [°]
Horizontal <input type="checkbox"/>	Wall-mounting <input type="checkbox"/>	Vertical <input type="checkbox"/>	
Upside down <input type="checkbox"/>	Rotation around x-axis <input type="checkbox"/>	Rotation around y-axis <input type="checkbox"/>	

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1st acting processing force	Movement					
	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
F_x [N]						
F_y [N]						
F_z [N]						
x_F [mm]						
y_F [mm]						
z_F [mm]						
2nd acting processing force						
	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
F_x [N]						
F_y [N]						
F_z [N]						
x_F [mm]						
y_F [mm]						
z_F [mm]						
directly acting torque						
	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
M_x [Nm]						
M_y [Nm]						
M_z [Nm]						
Motion data						
	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
Acceleration a [m/s ²]						
Velocity v [m/s]						
Deceleration a [m/s ²]						
Time t [s]						
Way s [mm]						
Time slice [%]						
Distance rate [%]						

Operating Temperature:	max.	°C	max.	°C
Special Operating Conditions: (e.g. Dust, Chips, Fluid)				

Block Type:				
Series	Preload Class		Accuracy Class	
Low profile ball type <input type="checkbox"/>	Clearance <input type="checkbox"/>		C <input type="checkbox"/>	
Ball type <input type="checkbox"/>	Light preload Z0 <input type="checkbox"/>		H (standard) <input type="checkbox"/>	
Roller type <input type="checkbox"/>	Medium preload ZA <input type="checkbox"/>		P <input type="checkbox"/>	
	Heavy preload ZB <input type="checkbox"/>			
Lubrication	Rail type			
Oil <input type="checkbox"/>	Mounting from top <input type="checkbox"/>			
Grease <input type="checkbox"/>	Mounting from bottom <input type="checkbox"/>			
Operation time:			Required lifetime	
Cycles/hour [z/h] =	1-shift-operating <input type="checkbox"/>		Cycles [z]	$L_z =$
Working days/year [d/y] =	2-shift-operating <input type="checkbox"/>		Kilometers [km]	$L_{km} =$
	3-shift-operating <input type="checkbox"/>		Years [y]	$L_y =$

Description of the application/drawing/other notes: