

Specification sheet – Miniature profile rail guide LLS

Please complete the form with all available information and send it to your Ewellix representative or authorized distributor for product selection.

Ewellix contact

Date

General information

Customer

Company		
Address 1		
Address 2		
Post code / Zip	City	State
Country		

Contact

Contact name	
Job title	
Department	
Phone (including country code)	Mobile (including country code)
Mail	

Project title

Reason for request

<i>Current product / brand</i>		<i>Description</i>
<input type="radio"/> Replacement	<input type="radio"/> New design	<input type="radio"/> Other

Application / Industry

<input type="radio"/> Factory automation	<input type="radio"/> Food and beverage	<input type="radio"/> Machine tools	<input type="radio"/> Other
<input type="radio"/> Medical	<input type="radio"/> Semiconductor		<i>Description</i>

Export control and Ewellix policy (mandatory to mark)

<input type="radio"/> The application is not subsidiary or part of industry of national defence and/or nuclear (also not with details of the function).The application is civil.
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Commercial information

General

<input type="radio"/> One shot business	<input type="radio"/> Yearly repeating business	Quantity, pcs	Batch size, pcs	Start of supply, YYYY MM DD	Target price / each	Currency
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Application description

Stroke	Rail length	Center distance between	or Short part dimensions	Guiding system
<input style="width:100%; height:20px;" type="text" value="mm"/>	<input style="width:100%; height:20px;" type="text" value="mm"/>	<input style="width:50%; height:20px;" type="text" value="carriages, c mm"/> <input style="width:50%; height:20px;" type="text" value="rails, d mm"/>	<input style="width:50%; height:20px;" type="text" value="Length mm"/> <input style="width:50%; height:20px;" type="text" value="Width mm"/>	<input style="width:100%; height:20px;" type="text" value="Maximum height mm"/> <input type="checkbox"/> No constraints

Required service life distance or time (fill in all fields)				Required static safety (in accordance to your business and application)	
<input style="width:100%; height:20px;" type="text" value="Distance km"/>	<input style="width:100%; height:20px;" type="text" value="Total time h"/>	<input style="width:100%; height:20px;" type="text" value="Period of one cycle s"/>	<input style="width:100%; height:20px;" type="text" value="Stroke of one cycle mm"/>		

Maximum speed ¹⁾	Maximum acceleration ¹⁾	Rigidity of guiding system	Running accuracy of guiding system
<input style="width:100%; height:20px;" type="text" value="m/s"/>	<input style="width:100%; height:20px;" type="text" value="m/s<sup>2</sup>"/>	<input style="width:100%; height:20px;" type="text" value="N/μm"/> <input type="checkbox"/> No specific requirements	<input style="width:100%; height:20px;" type="text" value="Parallelism in height μm"/> <input style="width:100%; height:20px;" type="text" value="Parallelism in sideward direction μm"/>

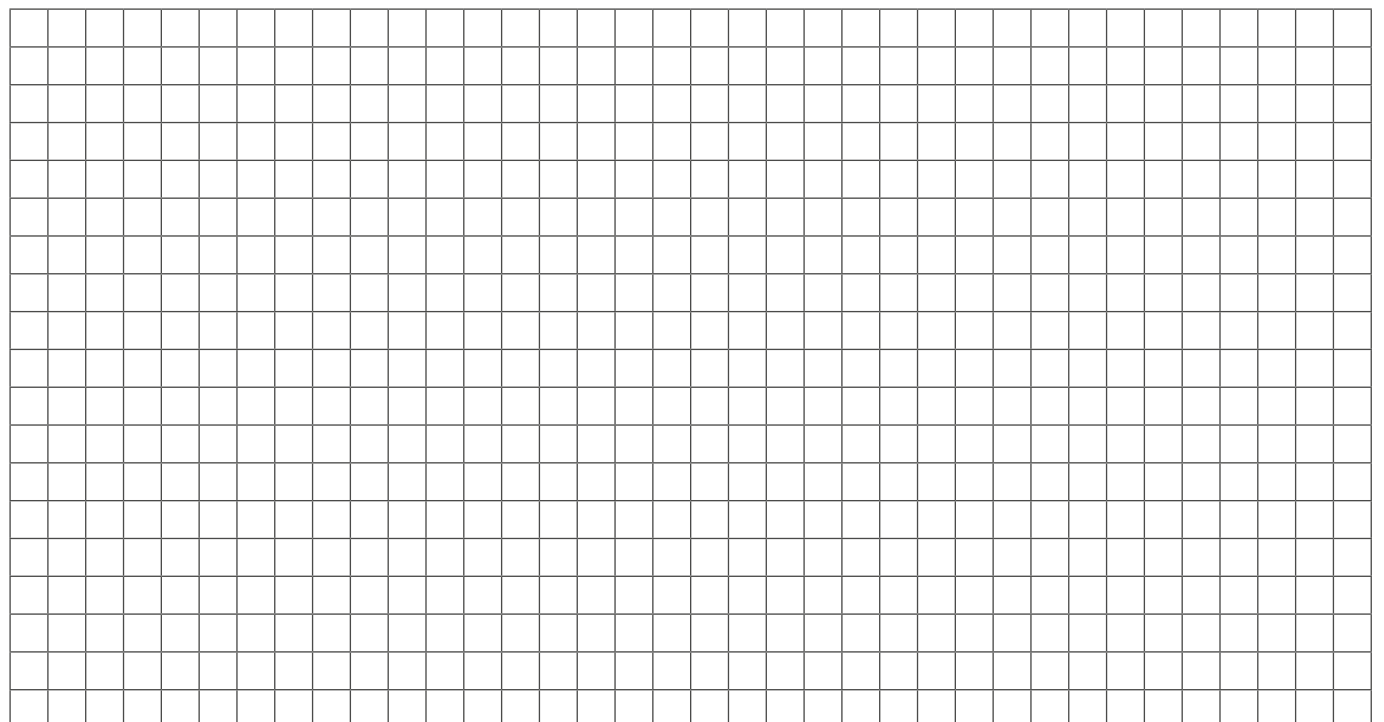
¹⁾ Here the maximum values. Enter load phase specific values in table "External loads and load phases"

Environment		
<i>Presence of dust, dirt or fluids</i> <input type="checkbox"/> Clean environment, e.g. laboratory <input type="checkbox"/> Standard industrial environment <input type="checkbox"/> Dirty environment, e.g. milling machine	<i>Requirements on friction</i> <input type="checkbox"/> Lowest possible friction <input type="checkbox"/> Standard friction <input type="checkbox"/> No requirement	<i>Preferred sealing version</i> <input type="checkbox"/> Shielded version (no code) <input type="checkbox"/> Low friction sealed version (R)
<input type="checkbox"/> Humid or corrosive environment <i>If yes, please describe:</i>	<i>Preferred material</i> <input type="checkbox"/> No preference (standard)	

Temperature [°C]			<input type="checkbox"/> Shock loads or vibrations <i>If yes, please describe:</i>
<input style="width:100%; height:20px;" type="text" value="Minimum"/>	<input style="width:100%; height:20px;" type="text" value="Operating"/>	<input style="width:100%; height:20px;" type="text" value="Maximum"/>	

Lubricant
<input type="checkbox"/> Standard prelubrication by Ewellix, as stated in the catalogue <input type="checkbox"/> Other <i>Please specify:</i>

Sketch of the application (or attach a drawing)

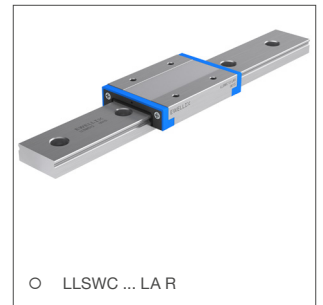
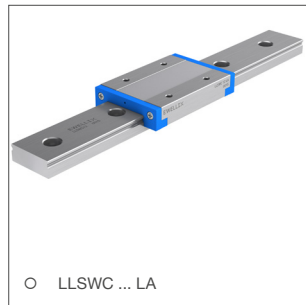
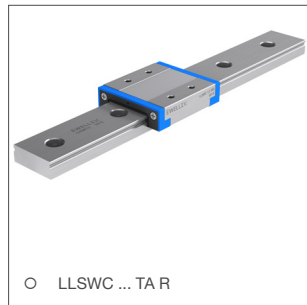
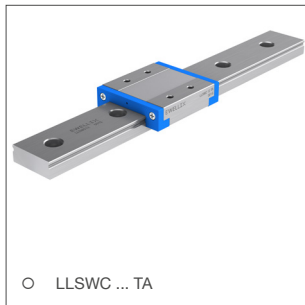
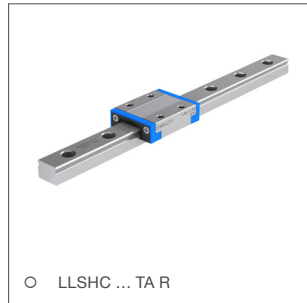
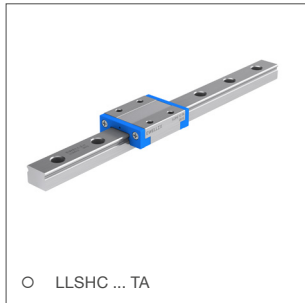


Product details

Product designation (if already known)

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Carriage type



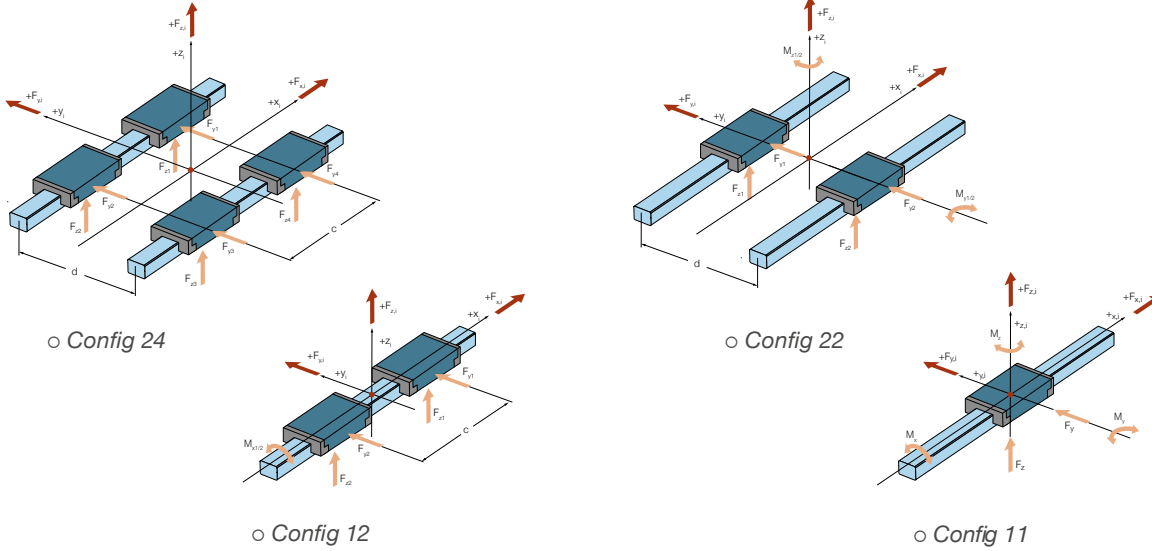
Preload class

<input type="radio"/> T0 (Zero preload)	<input type="radio"/> T1 (Light preload 2% C)	<input type="radio"/> T2 (Medium preload 8% C)
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Precision class

<input type="radio"/> P5 (Standard)	<input type="radio"/> P1 (High)	
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Input for dimensioning calculation



No preference If yes, please describe:

Other

Moving direction (set coordinate system accordingly)

Horizontal

Other ertical

Other Please specify:

External loads and load phases

Forces in N, Lever arms in mm measured from defined origin (see graphics above). If the application has more than 3 load phases, please copy this page.

Load phase 1				
Stroke	mm			
Acceleration	mm/s ²			
Speed	m/s			
	Lever arms in			
Force F _x	x	y	z	
Force F _y	x	y		z
Force F _z	x	y	z	

Load phase 2				
Stroke	mm			
Acceleration	mm/s ²			
Speed	m/s			
	Lever arms in			
Force F _x	x	y	z	
Force F _y	x	y		z
Force F _z	x	y	z	

Load phase 3				
Stroke	mm			
Acceleration	mm/s ²			
Speed	m/s			
	Lever arms in			
Force F _x	x	y	z	
Force F _y	x	y		z
Force F _z	x	y	z	