Square Linear Actuators



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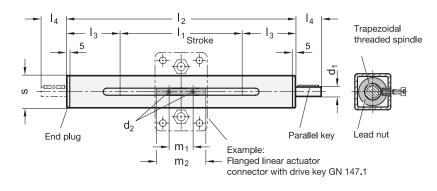
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with Right or Left Hand Thread



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3	Туре	
R1	Right hand thread, shaft journal at one end	ო
R2*	Right hand thread, shaft journal at both ends	က်
L1	Left hand thread, shaft journal at one end	
L2*	Left hand thread, shaft journal at both ends	

2 1 I₁ Threaded d₁ d_2 **l**₂ 13 14 m₁ m_2 For s spindle parallel key Total Stroke (standard lengths) Max DIN 6885 length stroke A2x2x12 30 100 150 200 300 _ 1250 TR14x4 8 M 4 $I_1 + 210$ 105 16 23 38 120 17 40 70 170 220 270 320 1570 TR20x4 12 M 5 $I_1 + 240$ 42 54 A4x4x12 50 65 115 215 265 315 1565 TR20x4 12 M 6 I₁+245 122,5 18 42 54 A4x4x12

* usually not available from stock

Specification

Square tube

- Steel, chrome-plated
- Stainless steel AISI 304
- Spindle with trapezoidal thread
- Steel respectively Stainless steel AISI 303
- Ball bearing
- Lead nut Gunmetal
- End plug Plastic
- Stainless Steel Characteristics → Page 2166
- RoHS

Accessory

• Linear actuator connectors, tube clamp connectors and accessory have to be ordered separately.

Information

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Square linear actuators GN 291.1 are used if the linear actuator connectors are exposed to high torsion forces.

In addition to the standard stroke lengths specified in the above table for linear actuators any stroke inside the maximum stroke length is available.

By means of linear actuator connectors, the linear movement of the lead nut can be transmitted externally via a follower. The followers are included with the respective linear actuator connectors. In addition, the tube clamp connector range contains many different parts for mounting the linear actuators.

In order to measure the displacement and positioning of the linear actuator connectors, the square tube can be provided with a longitudinal scale.

see also ...

- Linear Actuators GN 291 → Page 1950
- Longitudinal Scales GN 299 → Page 1982
- Linear Actuator Connectors → Page 1954 ff.
- Handwheels GN 9234 (for Linear Actuators) → Page XYZ
- Installation Kits GN 296 (for Position Indicators) GN 296 → Page 1987

Н	How to order 1 2 3 4 GN 291.1-30-200-R1-SCR		S	G
			I ₁	
			Туре	
G			Material	

3.8 Adjusting, Moving with Guides, Spindles and Ball Rollers | Page 1973