



**SS** Stainless Steel

- 3 Type**
- R1** Right-hand thread, shaft journal at one end
  - R2\*** Right-hand thread, shaft journal at both ends
  - L1** Left-hand thread, shaft journal at one end
  - L2\*** Left-hand thread, shaft journal at both ends

**Metric table**

Dimensions in: millimeters - inches

| d <sub>1</sub> | l <sub>1</sub> Stroke (standard lengths) |              |              |              |              | Max. stroke   | Threaded spindle | d <sub>2</sub> | d <sub>3</sub> Thread | l <sub>2</sub> Total length   | l <sub>3</sub> | l <sub>4</sub> | m <sub>1</sub> | m <sub>2</sub> | For parallel key DIN 6885 |
|----------------|--|--------------|--------------|--------------|--------------|---------------|------------------|----------------|-----------------------|-------------------------------|----------------|----------------|----------------|----------------|---------------------------|
|                | 65                                       | 165          | 265          | -            | -            |               |                  |                |                       |                               |                |                |                |                |                           |
| 18<br>0.71     | 65<br>2.56                               | 165<br>6.50  | 265<br>10.43 | -            | -            | 350<br>13.78  | TR10x3           | 6<br>0.24      | M 3                   | l <sub>1</sub> +140<br>+5.51  | 70<br>2.76     | 16<br>0.63     | 17<br>0.67     | 24<br>0.94     | A2x2x12                   |
| 30<br>1.18     | 100<br>3.94                              | 150<br>5.91  | 200<br>7.87  | 300<br>11.81 | -            | 1250<br>49.21 | TR14x4           | 8<br>0.31      | M 4                   | l <sub>1</sub> +205<br>+8.07  | 102.5<br>4.04  | 16<br>0.63     | 23<br>0.91     | 38<br>1.50     | A2x2x12                   |
| 40<br>1.57     | 70<br>2.76                               | 170<br>6.69  | 220<br>8.66  | 270<br>10.63 | 320<br>12.60 | 1570<br>61.81 | TR20x4           | 12<br>0.47     | M 5                   | l <sub>1</sub> +235<br>+9.25  | 117.5<br>4.63  | 17<br>0.67     | 42<br>1.65     | 54<br>2.13     | A4x4x12                   |
| 50<br>1.97     | 65<br>2.56                               | 115<br>4.53  | 215<br>8.46  | 265<br>10.43 | 315<br>12.40 | 1565<br>61.61 | TR20x4           | 12<br>0.47     | M 6                   | l <sub>1</sub> +240<br>+9.45  | 120<br>4.72    | 18<br>0.71     | 42<br>1.65     | 54<br>2.13     | A4x4x12                   |
| 60<br>2.36     | 220<br>8.66                              | 720<br>28.35 | -            | -            | -            | 1520<br>59.84 | TR24x5           | 14<br>0.55     | M 8                   | l <sub>1</sub> +285<br>+11.22 | 142.5<br>5.61  | 19<br>0.75     | 58<br>2.28     | 70<br>2.76     | A5x5x16                   |

\* Usually not available from stock

**Specification**

- Guide tube
  - Tube DIN 2391  
Steel, chrome plated **SCR**
  - Tube DIN 2462  
Stainless steel AISI 304 **NI\***
- Trapezoidal thread spindle
  - Steel / stainless steel AISI 303
  - Ball bearing
- Lead nut  
Gunmetal
- End plug  
Plastic
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

**Accessory**

- Linear actuator connectors, connector clamps and further accessories have to be ordered separately.

**On request**

- Any stroke within the maximum stroke lengths

**Information**

In addition to the standard stroke lengths of the GN 291 linear actuators specified in the table, any stroke within the maximum stroke lengths is available upon request.

A wide variety of different components are available in the connector clamp range to mount the linear actuators in place and to upgrade them to linear actuator connectors.

In order to measure the movement or the position of the linear actuator connectors, digital as well as analog position indicators can be attached. Also, the guide tube can be equipped with a longitudinal scale.

see also...

- [Square Linear Actuators GN 291.1](#) → page 1952
- [Longitudinal Scales GN 299](#) → page 1960
- [Linear Actuator Connectors](#) → starting from page 1949
- [Handwheels GN 9234 \(for Linear Actuators\)](#) → page XYZ
- [Installation Kits GN 295 \(for Position Indicators\)](#) → page 1964
- [Additional Information / Load Data](#) → page 1946

How to order

**GN 291-30-200-R1-SCR**

|   |                         |
|---|-------------------------|
| 1 | Diameter d <sub>1</sub> |
| 2 | Stroke l <sub>1</sub>   |
| 3 | Type                    |
| 4 | Material                |