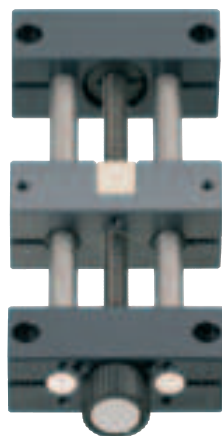


## SHTC – Flexible



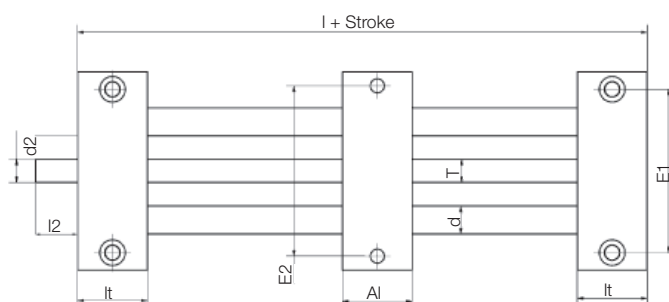
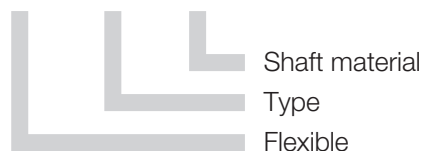
- High flexibility
- Ideal for 2 carriages
- Maintenance-free dry operation
- 5 types
- Adjustable bearing clearance
- Available accessories

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**Order key**  
complete ► page 897

## SHTC-12-AWM



## Technical Data

| Part number | Max. length<br>of stroke<br>[mm] | Aluminum shaft |                                    | Steel shaft    |                                    | Max. static load-bearing capacity |               |
|-------------|----------------------------------|----------------|------------------------------------|----------------|------------------------------------|-----------------------------------|---------------|
|             |                                  | Weight<br>[kg] | Additional<br>(pro 100 mm)<br>[kg] | Weight<br>[kg] | Additional<br>(pro 100 mm)<br>[kg] | axial<br>[N]                      | radial<br>[N] |
| SHTC-12-AWM | 750                              | 0.7            | 0.1                                | 0.8            | 0.2                                | 700                               | 2,800         |
| SHTC-20-AWM | 1,000                            | 1.9            | 0.3                                | 2.3            | 0.6                                | 1,600                             | 6,400         |
| SHTC-30-AWM | 1,250                            | 4.6            | 0.6                                | 5.8            | 1.4                                | 2,500                             | 10,000        |
| SHTC-40-AWM | 1,500                            | 11.0           | 0.9                                | 16.0           | 2.4                                | 4,000                             | 16,000        |
| SHTC-50-AWM | 1,500                            | 17.0           | 1.2                                | 26.3           | 3.5                                | 6,250                             | 25,000        |

## Dimensions [mm]

| Part number | A    | A1   | H   | E1    | E2    | I   | R   | f | LT   | tk | ts   | tg  |
|-------------|------|------|-----|-------|-------|-----|-----|---|------|----|------|-----|
|             | -0.3 | -0.3 |     | ±0.15 | ±0.15 |     |     |   | ±0.1 |    |      |     |
| SHTC-12-AWM | 85   | 30   | 34  | 70    | 73    | 90  | 42  | 2 | 30   | 11 | 6.6  | M8  |
| SHTC-20-AWM | 130  | 36   | 48  | 108   | 115   | 108 | 72  | 2 | 36   | 15 | 9.0  | M10 |
| SHTC-30-AWM | 180  | 50   | 68  | 150   | 158   | 150 | 96  | 4 | 50   | 20 | 13.5 | M16 |
| SHTC-40-AWM | 230  | 70   | 84  | 202   | 202   | 210 | 122 | 4 | 70   | 20 | 13.5 | M16 |
| SHTC-50-AWM | 280  | 80   | 100 | 250   | 250   | 240 | 152 | 4 | 80   | 20 | 13.5 | M16 |

| Part number | kt   | sk | sg  | kq   | d  | T         | l2 | d2         | ha |
|-------------|------|----|-----|------|----|-----------|----|------------|----|
|             | ±0.1 |    |     |      |    |           |    | Standard   |    |
| SHTC-12-AWM | 6.4  | 10 | M6  | 6.0  | 12 | TR 10 x 2 | 17 | TR 10 x 2* | 18 |
| SHTC-20-AWM | 8.6  | 11 | M8  | 7.0  | 20 | TR 18 x 4 | 26 | 12 h9      | 23 |
| SHTC-30-AWM | 12.6 | 18 | M12 | 10.6 | 30 | TR 24 x 5 | 38 | 14 h9      | 36 |
| SHTC-40-AWM | 12.6 | 20 | M16 | 39   | 40 | TR 26 x 5 | 45 | 16         | 44 |
| SHTC-50-AWM | 12.6 | 20 | M16 | 49   | 50 | TR 30 x 6 | 50 | 20         | 52 |

\* TR 10 x 2 leadscrew end unmachined

**delivery** 2–3 days  
**time** ► page 895

**prices** price list online  
[www.igus.eu/eu/DryLinSHT](http://www.igus.eu/eu/DryLinSHT)

**order** part number  
**example** SHTC-12-AWM