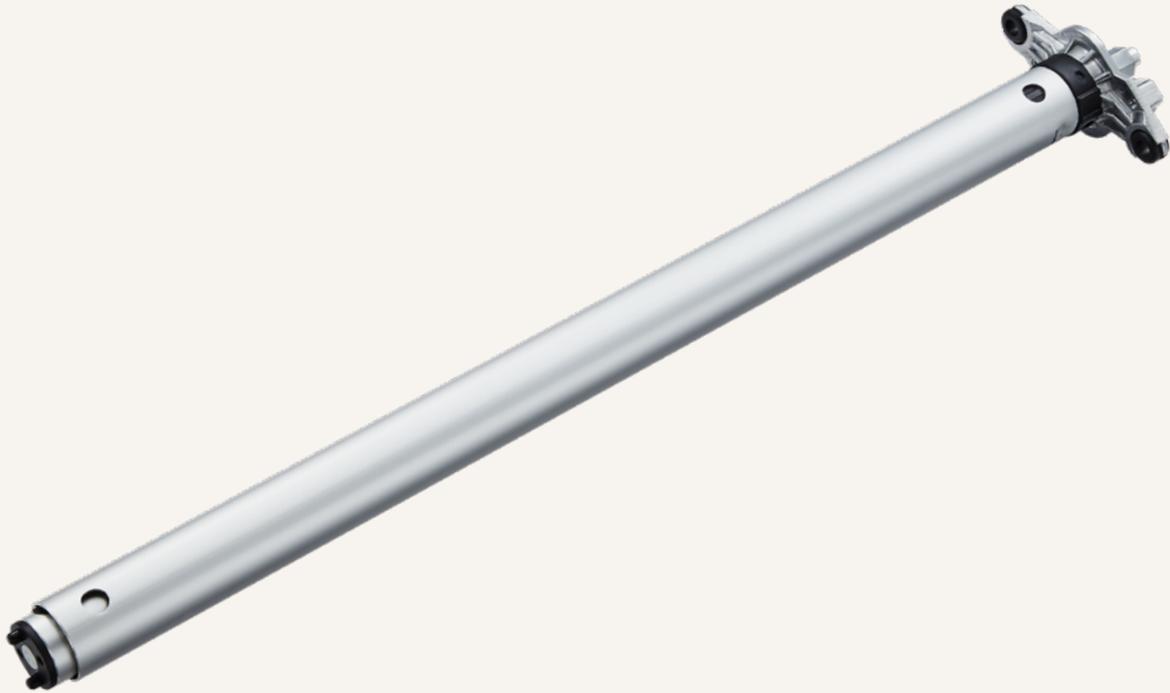


TBS2

series



Product Segments

- **Ergo Motion**
- **Industrial Motion**

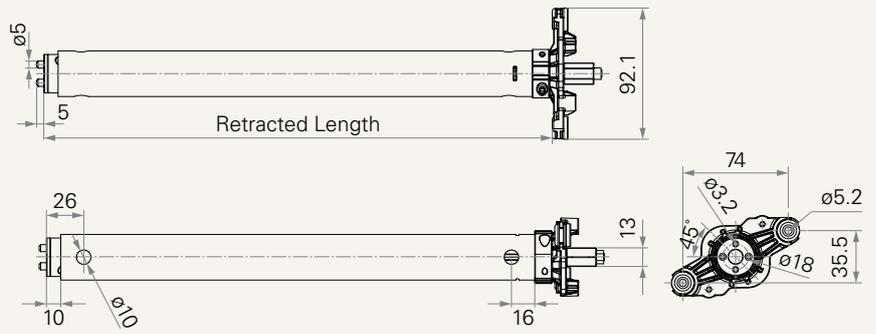
General Features

Recommended stroke	50~800mm
Minimum dimensions	$\geq \text{stroke} / 2 + 115\text{mm}$
Maximum load	1,000N

TBS2 series are for the three part columns, except for TL3 / TL5 / TL6

Drawing

Standard Dimensions
(mm)



Load and Speed

CODE	Spindle (mm)	Rated Load (N)	Rated Torque (Nm)	Lead (mm / turn)	Typical Speed (mm/s)
A	2.5*4, 2.0*5	1000	4.9	20	(TGM motor speed / 60) *20
B	2.3*2, 2.3*2	1000	2.9	9.2	(TGM motor speed / 60) *9.2

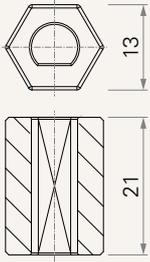
Note

1 Please refer to the approved drawing for the final authentic value.

Load and Speed	See page 2
Stroke (mm)	50-800
Retracted Length (mm)	Minimum retract length needs to $\geq (\text{stroke} / 2) + 115$
Input Torque (mm)	1 = Coupler, HEX, 13 See page 4
Fixation of Mid-Tube (mm)	1 = Hole ($\varnothing 10.0$) See page 4
Front Attachment (mm)	0 = Punched hole on inner tube ($\varnothing 10.0$) 1 = Plastic See page 4

Input Torque (mm)

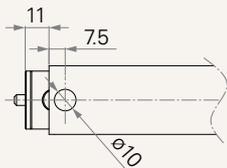
1 = Coupler, HEX, 13



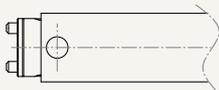
Fixation of Mid-Tube (mm)

1 = Hole ($\varnothing 10.0$)

0 Degree



90 Degree



Note

1 To keep the minimum Retracted length, there are two angel when assembling the inner and middle tube, one is 0 and the other is 90 degree.

2 Both of two angles will distribute randomly in shipment, but the degree and product's function are irrelevant.

Front Attachment (mm)

0 = Punched hole on inner tube ($\varnothing 10.0$)

1 = Plastic



Terms of Use

The user is responsible for determining the suitability of TiMOTION products for a specific application.

TiMOTION products are subject to change without prior notice.