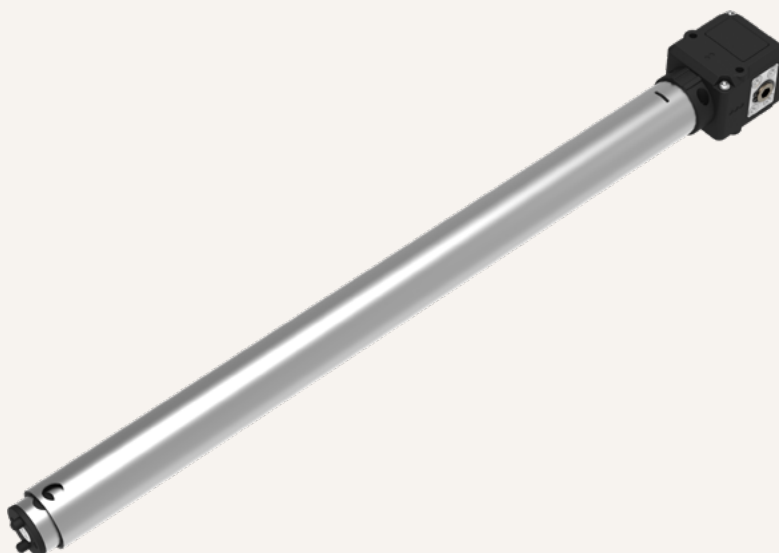


TBS9

series



Product Segments

- **Ergo Motion**

The TBS9 is designed especially for height adjustable desk applications. It can also be used for other motorized or manual drive applications. The unique worm gear system reduces the noise level of the gear box when running the adjustment.

General Features

Especially designed for 3-stage columns

Ratio 13 / 17

Recommended stroke 50~800mm

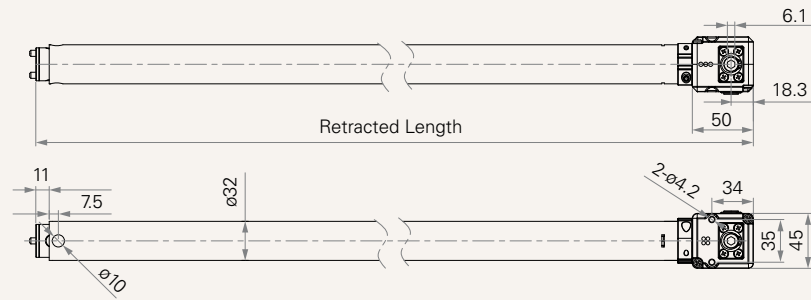
Retracted length $\geq (\text{stroke} / 2) + 165 \text{ mm}$

Max. load 800N

4 transmission directions

Drawing

Standard Dimensions
(mm)



Load and Speed

CODE	Spindle (mm)	Gear Ratio	Rated Load (N)	Rated Torque (A)	Lead (mm/turn)	Typical Speed (mm/s)
A	2.5*4, 2.0*5	13 / 17	800	3.8	20	(TGM motor speed / 60)*(13 / 17)*20
B	2.3*2, 2.3*2	13 / 17	800	2.4	9.2	(TGM motor speed / 60)*(13 / 17)*9.2

Note

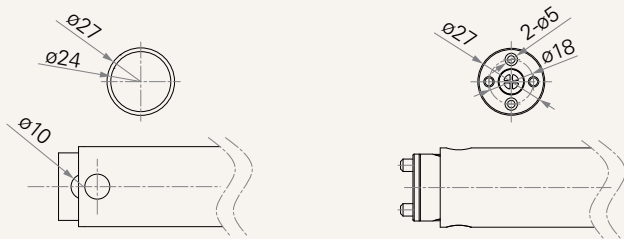
- Parameters above are from tested average, please refer to approval drawing for final value.
- The load capacity of final product will vary depending on motor performance and drive design.

Spindle Options	R = Right			
Load and speed	See page 2			
Stroke (mm)	50 - 800			
Retracted Length (mm)	Minimum retract length needs to $\geq (\text{stroke} / 2) + 165$			
Input Torque See page 4	1 = Coupler hole, 6 mm			
Drive Shaft	1 = Gear=1, A=C	2 = Gear=1, B=D	3 = Gear=2, AB=CD	4 = Gear=2, AD=BC
Brake	0 = Without, standard			
Fixation of Mid-Tube (mm) See page 4	1 = Hole ($\varnothing 10.0$)			
Front Attachment (mm) See page 4	0 = Punched hole on inner tube ($\varnothing 10.0$)		1 = Plastic	

Front Attachment (mm)

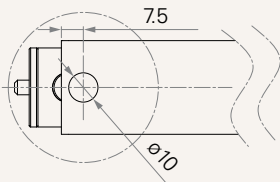
0 = Punched hole on inner tube
($\varnothing 10.0$)

1 = Plastic



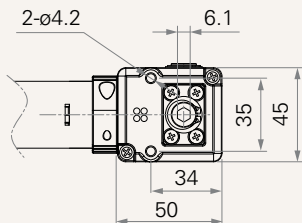
Fixation of Mid-Tube (mm)

1 = Hole ($\varnothing 10.0$)



Input Torque (mm)

1 = Coupler hole, 6



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