

TBS5

series



Product Segments

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

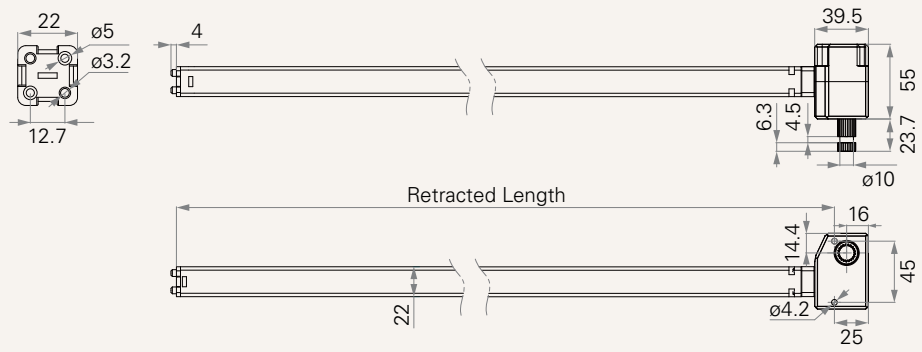
The TBS5 is designed especially for height adjustable desk applications. It can also be used for other motorized or manual drive applications. The unique worm gear system reduces the noise level of the gear box when running the adjustment. It can be supplied with variable spindle lengths.

General Features

Ratio	1:1
Recommended stroke	20~600mm
Minimum retracted length	\geq stroke + 110mm
Maximum rated load	400N

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	4*4	1	400	1.6	16	(TGM motor speed / 60)*1*16

Note

1 Parameters above are from tested average, please refer to approval drawing for final value.

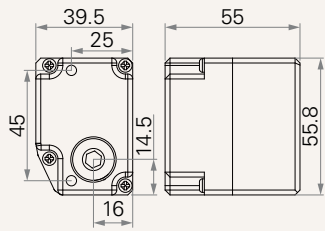
TBS5

Version: 20190421-C

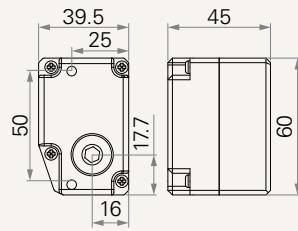
Gear Box Dimension	B = Dimension 1	C = Dimension 2
	See page 4	
Load and Speed	See page 2	
Stroke (mm)	20-600	
Retracted Length (mm)	Minimum retract length needs to $\geq S + 110$	
Input Torque	1 = Coupler hole, 6 mm	
	See page 4	
NUT	1 = With	
Inner Tube (mm)	0 = Without	1 = Square tube, 22*22
	See page 4	
Front Attachment	1 = Plastic	

Gear Box Dimension

B = Dimension 1

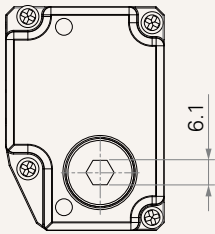


C = Dimension 2



Input Torque (mm)

1 = Coupler hole, 6 mm

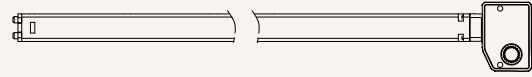


Inner Tube (mm)

0 = Without



1 = Square tube, 22*22



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