



Ordering Code

WMOS - TB - 080 - - - - - -

- 1
Model
- 2
Drive Unit
- 3
Size
- 4
Stroke
- 5
Lead
- 6
Driving Side
- 7
Mounting Kit Model
- 8
Mounting Kit Assembly

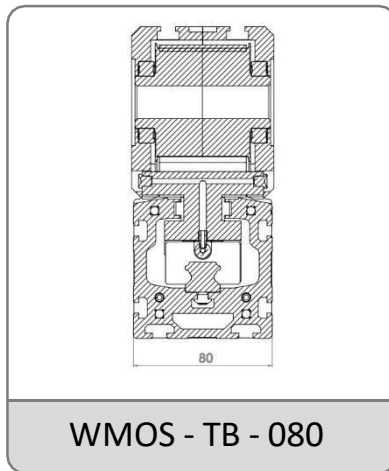
1 - Model

WMOS: Belt Driven Linear Module

2 - Drive Unit

TB: Timing Belt

3 - Size



4 - Stroke

0000: Maximum 2685 mm

Movement Stroke

In addition to the desired movement stroke, it is recommended to leave a space on both sides until Ss.

$$S_m = S_e + 2 \cdot S_s$$

$$S_s = 50 \text{ mm}$$

S_m : Movement Stroke
 S_e : Safety Stroke



5 - Lead


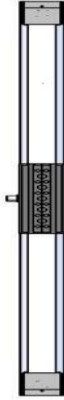

200 : 200 mm/rev

Ordering Code

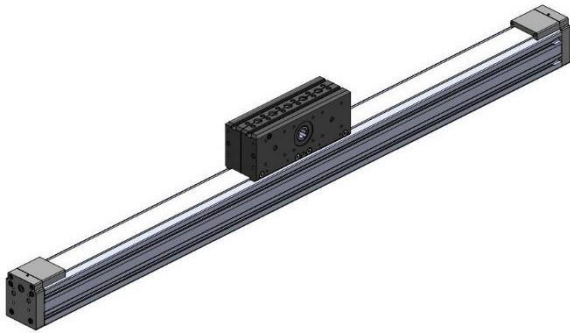
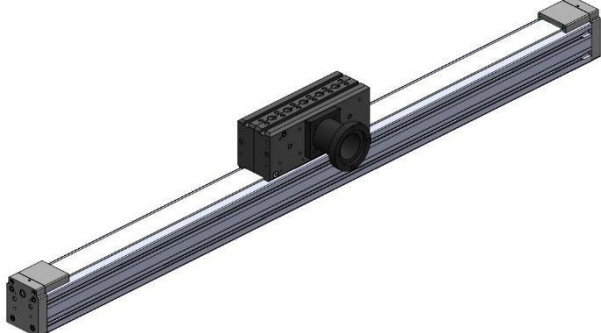
WMOS - TB - 080 - - - - - -

- | | | | | | | | |
|-------|------------|------|--------|------|--------------|--------------------|-----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Model | Drive Unit | Size | Stroke | Lead | Driving Side | Mounting Kit Model | Mounting Kit Assembly |

6 - Ordering Code

<p>00 - Standard</p> 	<p>01</p> 	<p>02</p> 
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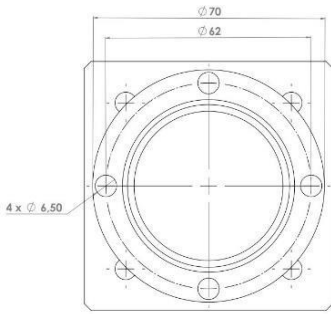
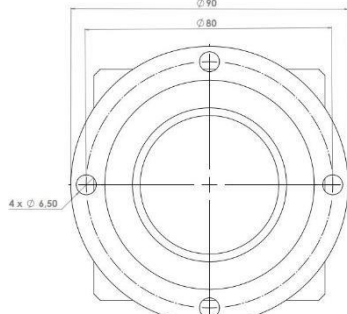
7 - Mounting Kit Model

	
00 : Without Mounting (Standard)	01 : WDAK Axial Kit

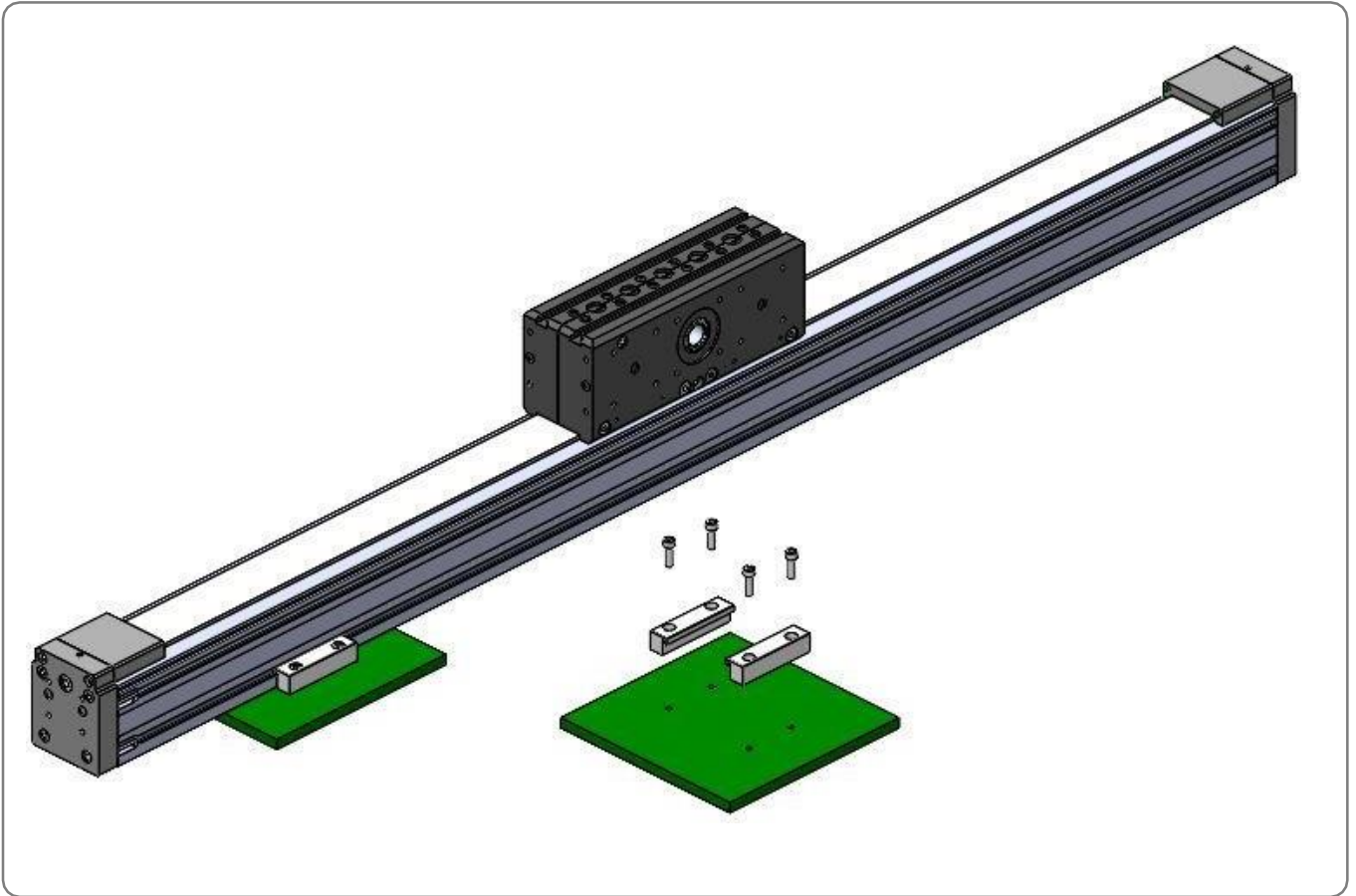
Note 1 : Please contact for different motor types and mounting sizes.

Note 2 : Please contact for to use gearbox.

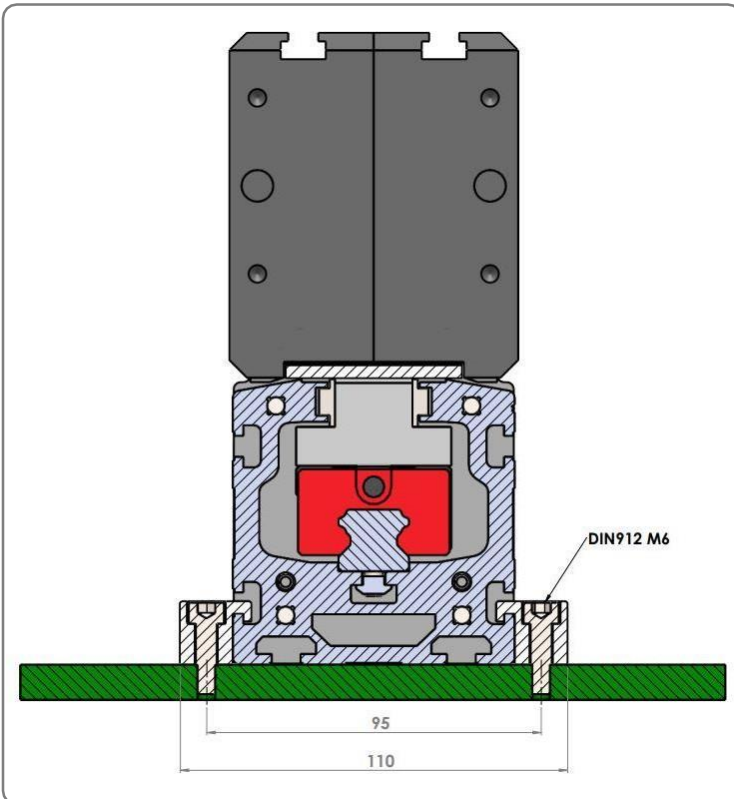
8 - Mounting Kit Assembly

		
00 : Without Motor (Standard)	070 : ø70 reducer mounting	090 : ø90 reducer mounting

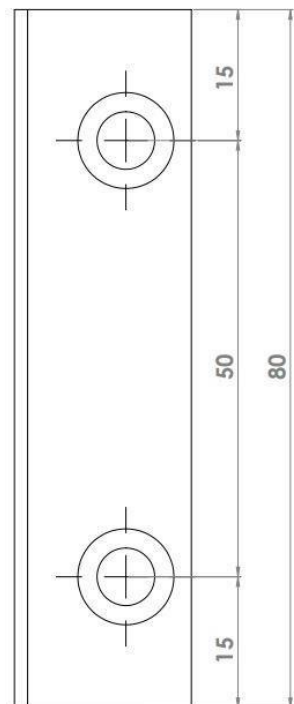
Assembly



Mounting Bracket



WMOS 080 Clamping Fixtures

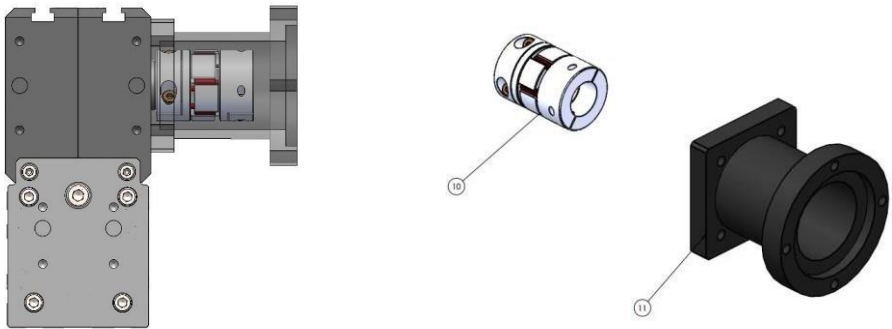


Assembly

WMOS / WMCS Linear Module

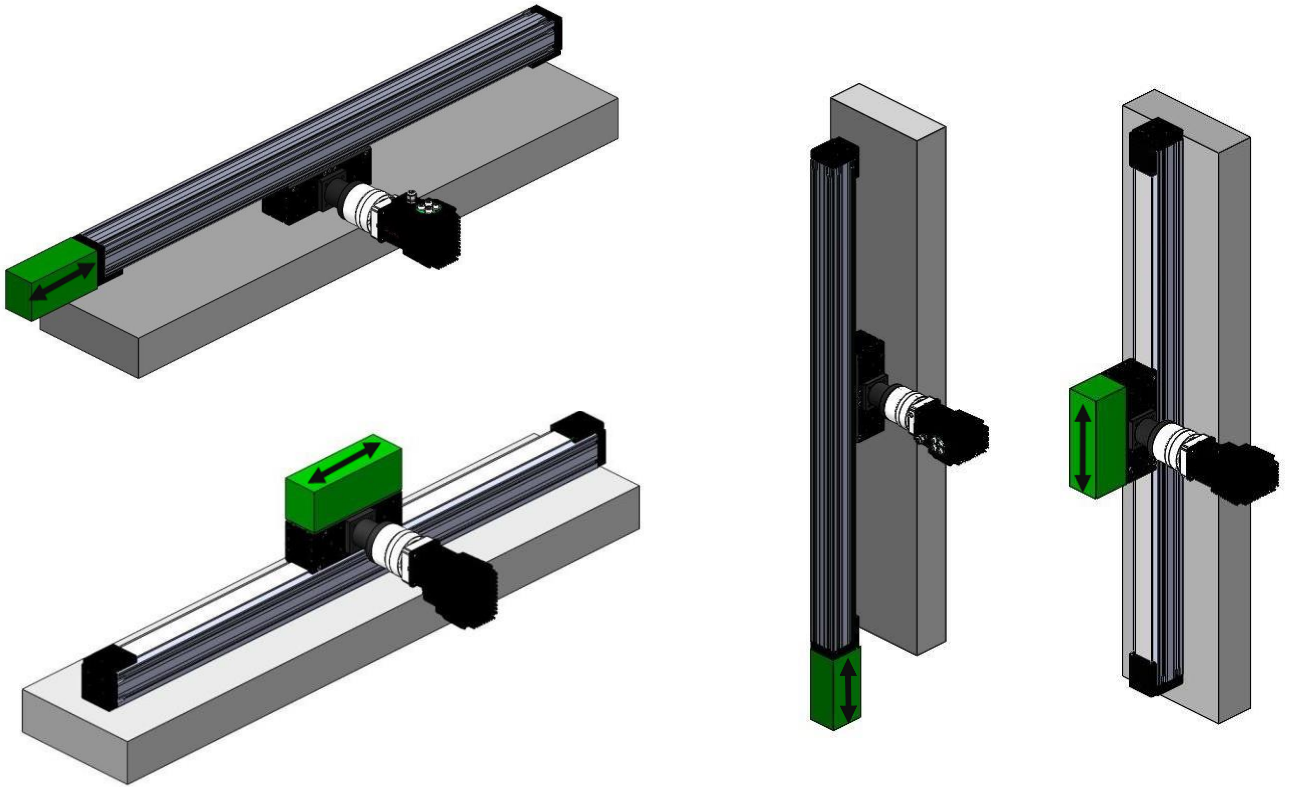


WDAK Axial Kit

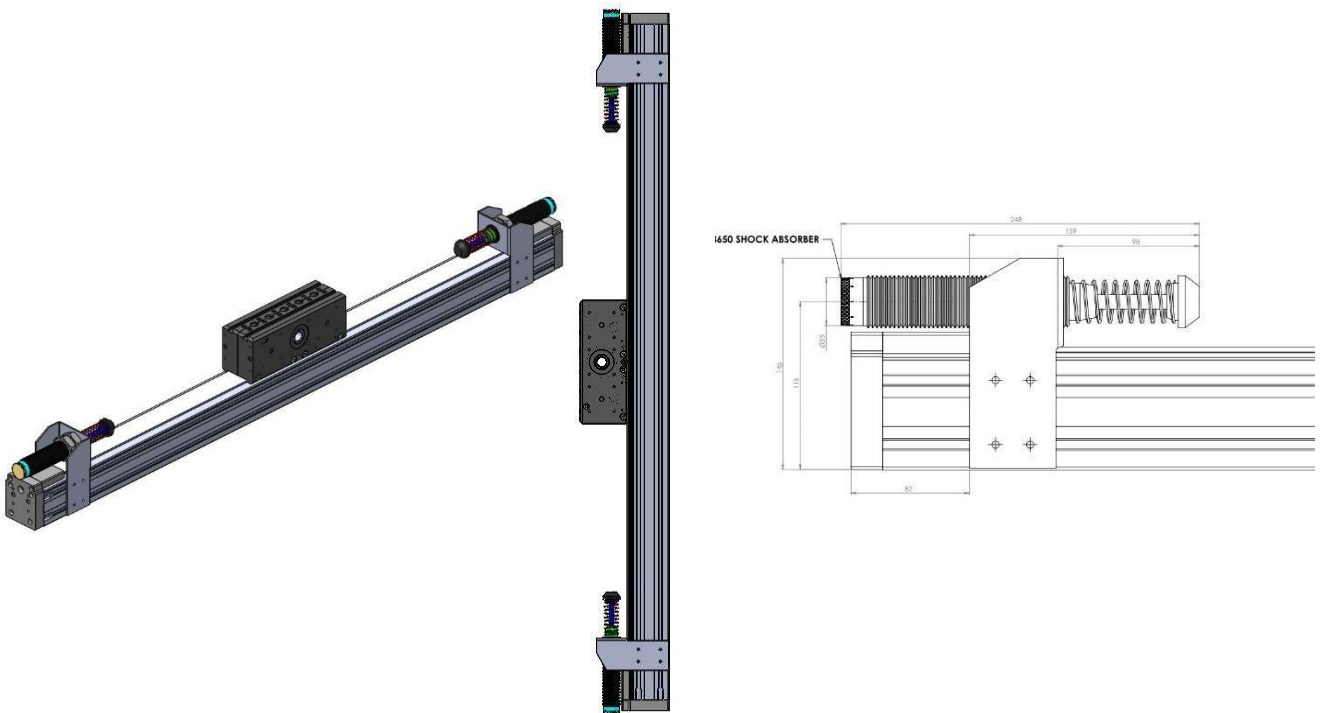


Piece	Qty	Part Name	Assembly
1	1	Profile	Module
2	1	Ball Screw	
3	2	Block	
4	1	Mounting Plate	
5	2	Belt Mounting Parts	
6	2	BlockPart	
7	4	Block Holder	
8	1	Belt	
9	2	Belt Mounting Parts	
10	1	Coupling	Axial Kit
11	1	Bell Housing	

Mounting Orientation Horizontal



Shock Absorber



Maintenance

Basic lubrication is done in-factory before shipment.

The bearings that support the gear pulleys on the carrier are not necessary relubricating under normal operating conditions.

For lubrication of the omega module, link for lubrication is in the connection plate.

Omega Modules are designed for grease lubricants only!

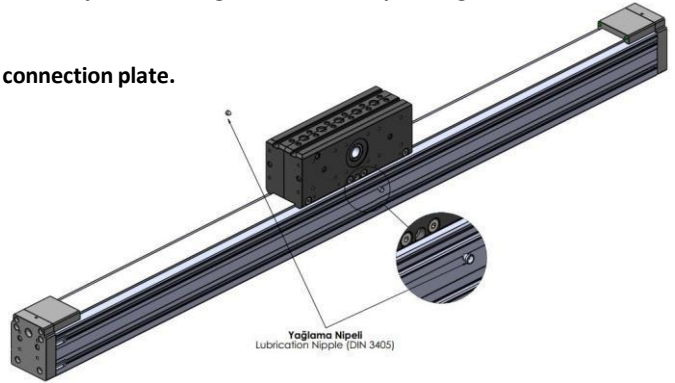
Lithium soap grease should be used.

Caution: Do not use grease containing graphite or MoS!

Lubrication is performed every 400 hours or 800 km total working distance by normal operating conditions.

Lubrication quantity is provided in table by normal operating conditions.

After lubrication, move the linear module along the stroke distance at least three times. Meanwhile, the moving speed should not exceed 10 mm/s.



Normal Working Conditions

Note : The lubrication quantity specified in the table is valid for normal operating conditions. The lubrication quantity may vary in different operating conditions. Get information for the lubrication quantity in different working conditions.

Ambient Temperature	°C	10 ~ 40
Speed	m/s	≤ 3,0
Load	kN	≤ 0,2 C
Stroke	mm	> 60
Lubrication Period	km	800
	hour	400
Lubrication Dose	cm ³	0,7

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