

Ordering Code

WMAB - BS - 020 - - - - -

1

2

3

4

5

6

7

ModelDrive UnitSizeStrokePitchDriving SideMounting Kit Model

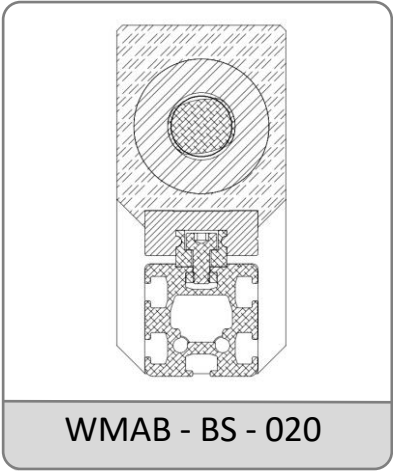
1 - Model

WMAB

2 – Drive Unite

BS: Ball Screw

3 - Size



4 - Stroke

0000: Maximum 300 mm

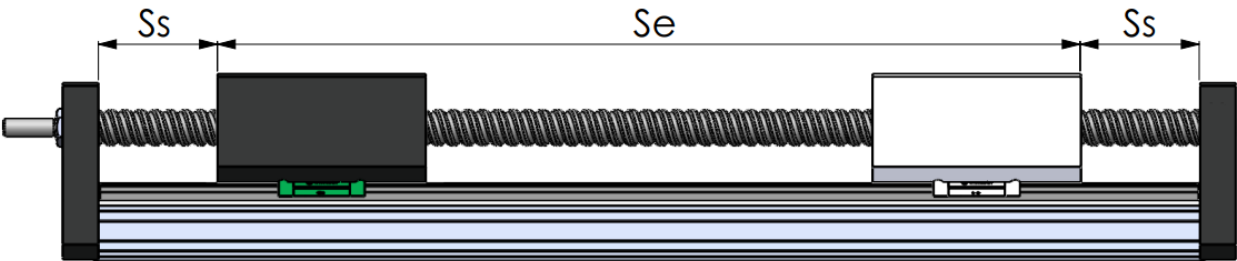
Movement Stroke

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 - Pitch

05 : 5 mm/rev
10 : 10 mm/rev

Ordering Code

WMAB - BS - 020 - - - - -

1

2

3

4

5

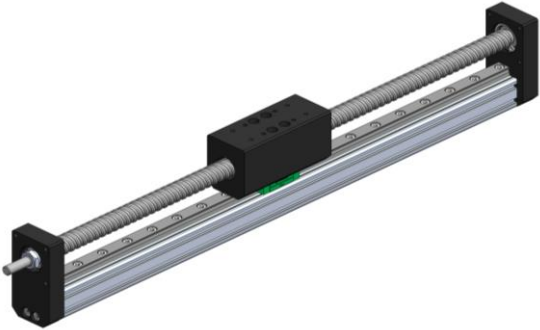
6

7

ModelDrive UnitSizeStrokePitchDriving SideMounting Kit Model

6 – Driving Side

00 - Standard



00 : Standard

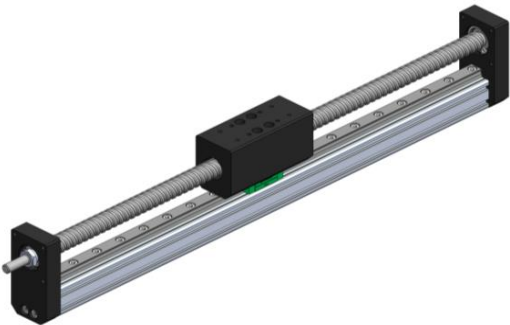
WDAK – Axial Kit



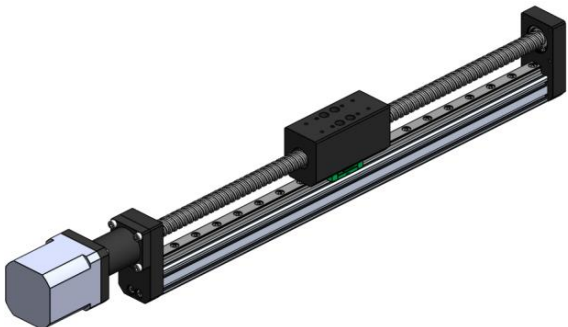
WDAK : Axial Kit (Standard)

Note 1 : Please contact for different motor types and mounting sizes.
Note 2 : Please contact for to use gearbox.

7 – Mounting Kit Model



00 : Without Mounting (Standard)



N17 : Nema 17

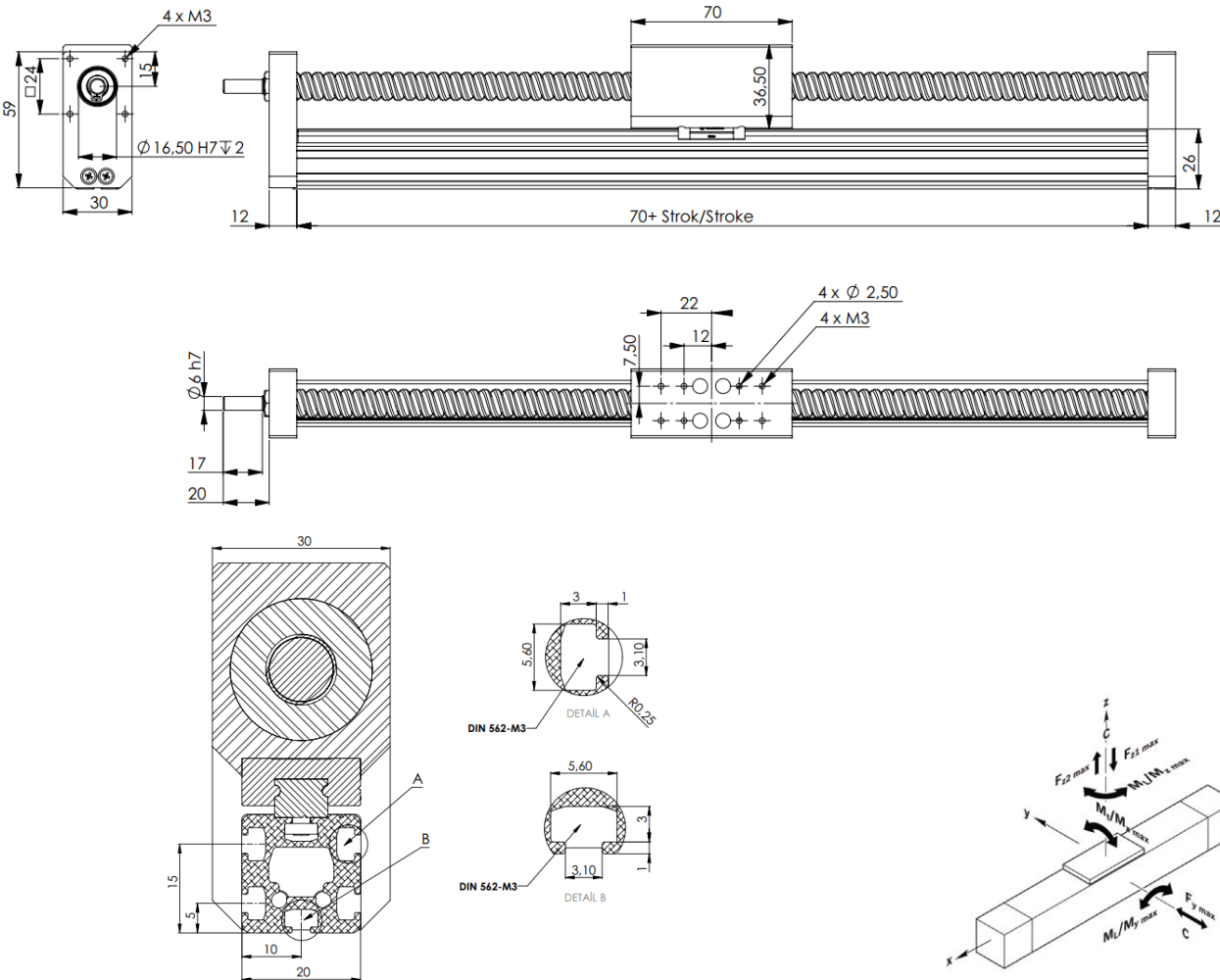
WINMAN WMAB-020 Series Ball Screws Driven Linear Modules



Note : Calculated value are theoretical values.
We recommend you to calculate safety factor as five (5).

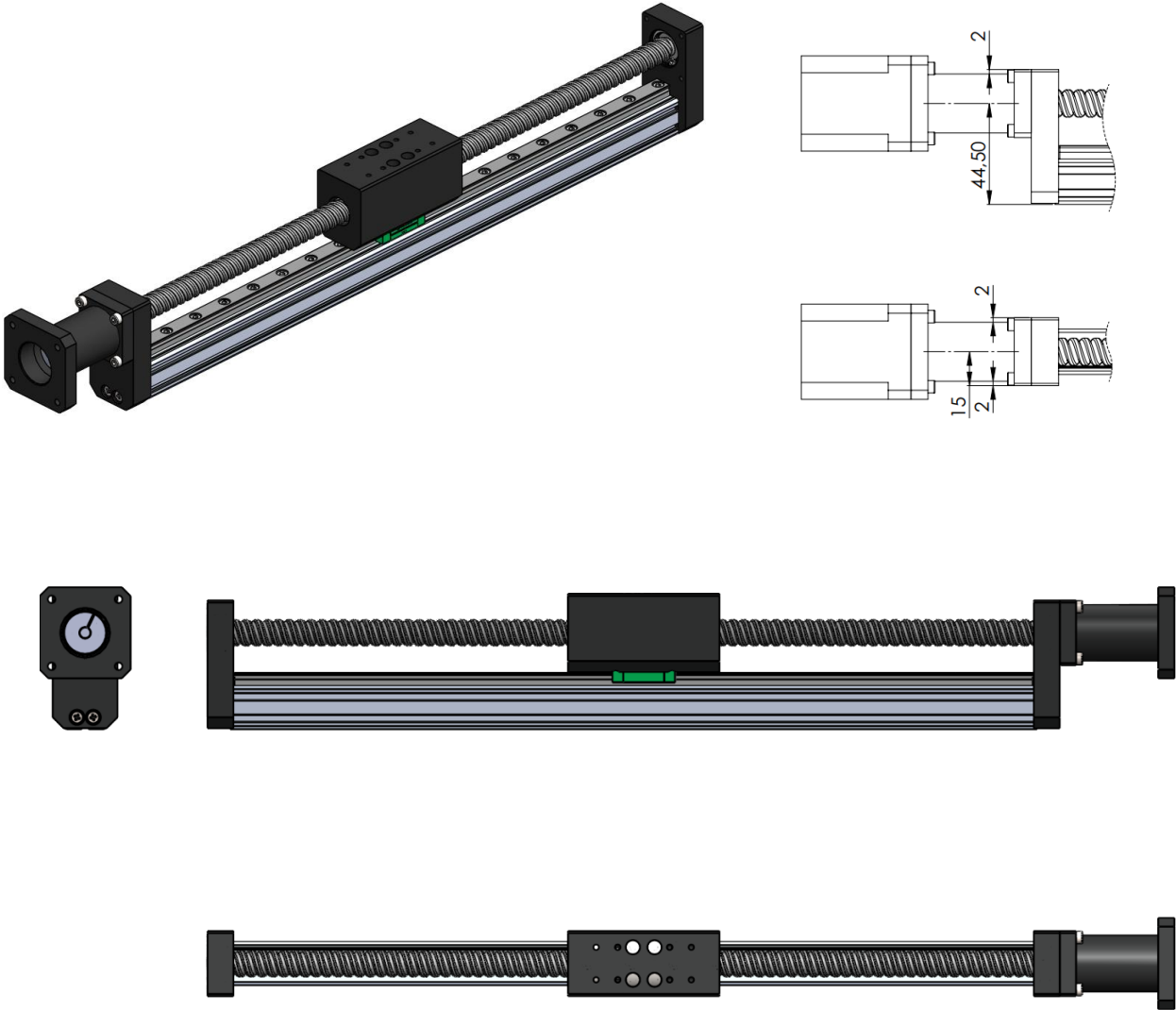
Specification			Mounting by the Profile		
Maximum Stroke [mm]			300		
Minimum Stroke [mm]			60		
Repeating Accuracy [mm]			< 0,05		
Speed [m/s]			≤ 3,0		
Acceleration [m/s²]			30		
Dynamic Load Capacity [Nm] / C _{dy}			83		
Maximum Permissible Torsional Moment Around The Axis [Nm]			Maximum Dynamic Load in Directions [N]		
M _x max	M _y max	M _z max	F _x max	F _y max	F _z max
0,7	0,5	0,6	166	166	166

Technical Drawing



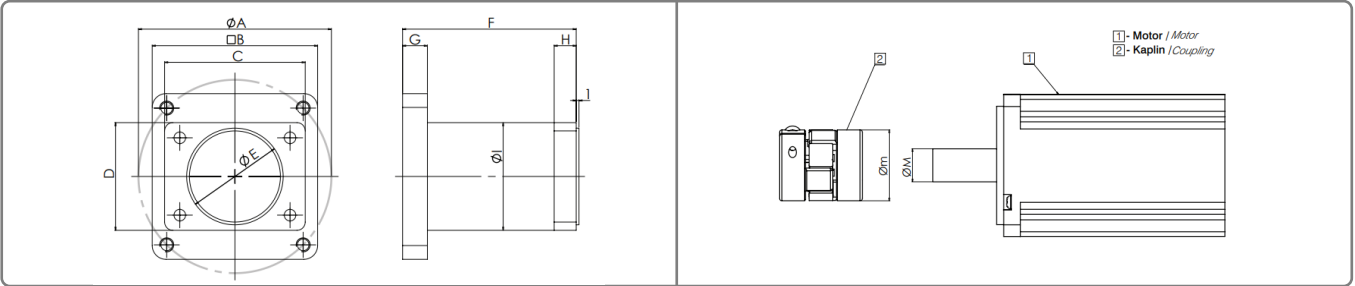
WDAK Axial Mounting Kit

Technical Drawing



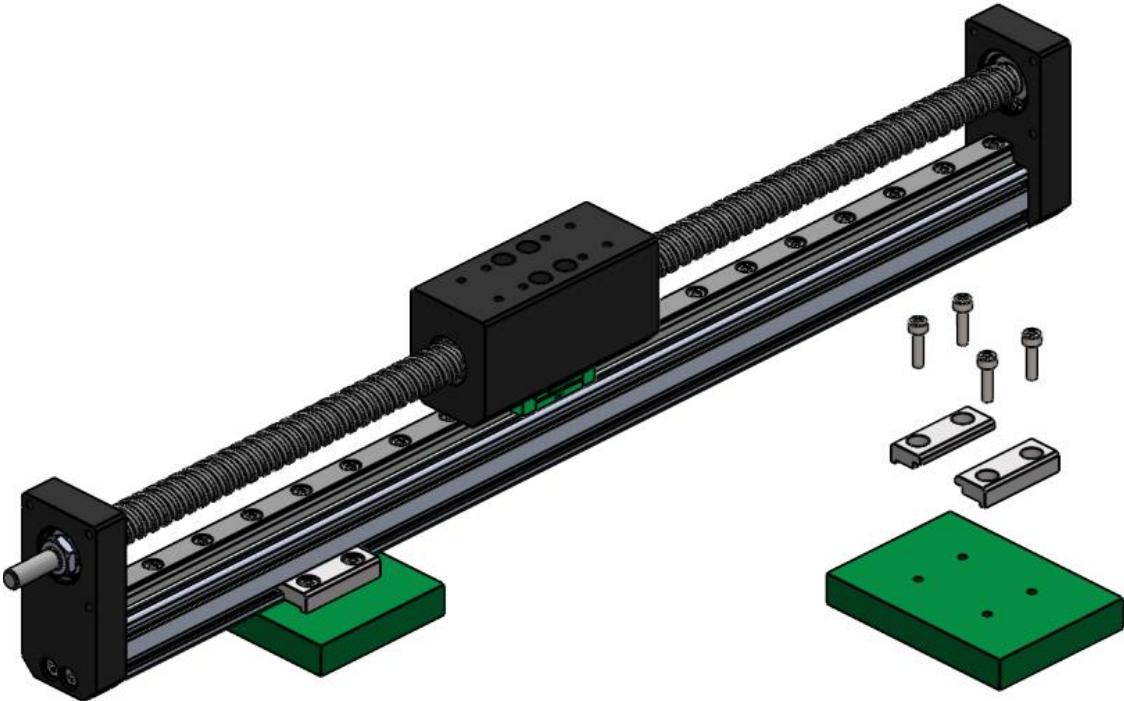
Bellhousing - Coupling

Motor Mounting

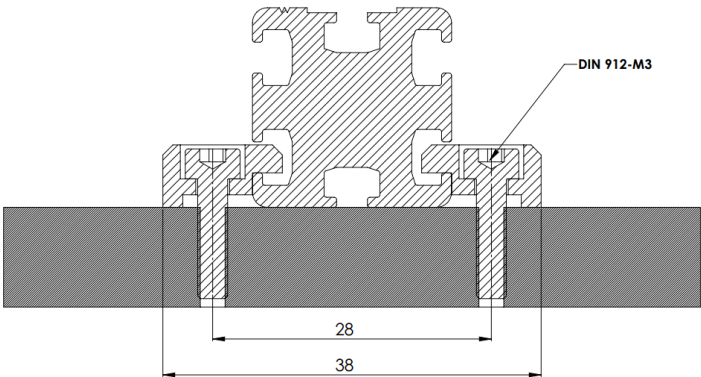


Motor Type	A	B	C	D	E	F	G	H	I	Motor Type	M	m	Coupling Model
-	-	-	30	30	16,5	53	7,5	7,5	26	-	-	20	WJM - 20CRD

Assembly



Mounting Bracket



WMAB 020 Clamping Fixtures

