W WINMAN®

Ordering Code

WMMS - LS - 032 - _ _ _ _ - 04

1	2	3	4	5
Model	Drive Unit	Size	Stroke	Pitch

1 - Model

WMMS: Series Manuel Linear Module

2 - Drive Unite

LS: Lead Screw

3 - Size

86
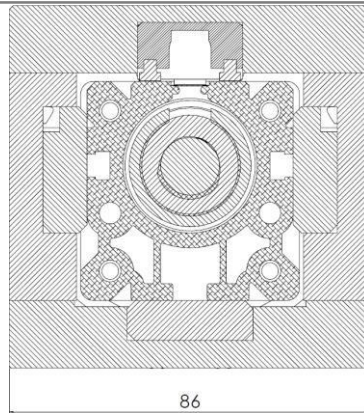
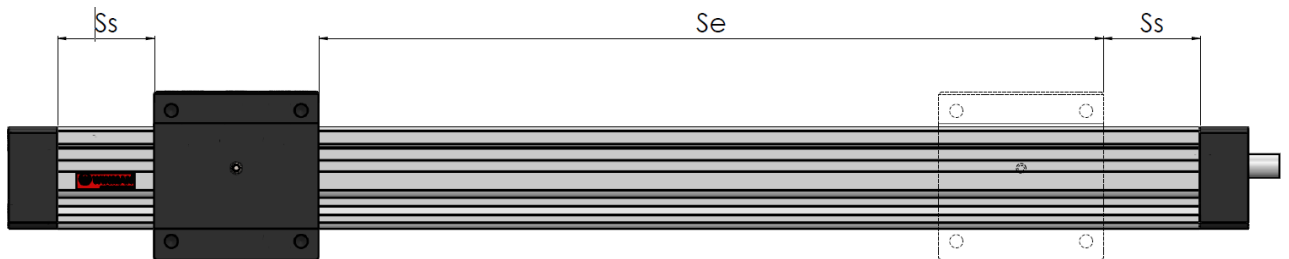### WMMS – LS - **032**

4 - Stroke

0000: Maximum 500 mm

Movement Stroke

In addion to the desired movement stroke, it is recommended to leave a space on both sides until 2xPitch.

$$Sm = Se + 2.Ss$$
$$Ss = 2.p$$

Sm : Movement Stroke
Se : Safety Stroke
P : Ball Screw Pitch

Ss   Se   Ss

5 - Lead

04 : 4 mm/rev

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WINMAN WMMS-032 Series Manuel Linear Modules

| Specification			
Maximum Stroke [mm]			**500**
Position Accuracy [μm/mm]			**± 150/300**
Maximum Speed [mm/sec.]			**20**
Screw Lead [mm]			**4**
Maximum Permissible Torsional Moment Around The Axis [Nm]	**M_X max**	**M_Y max**	**M_Z max**
	52	**70**	**47**
Maximum Load in Directions [Nm]	**F_Y max**		**F_Z max**
	2090		**2185**

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

Technical Drawing

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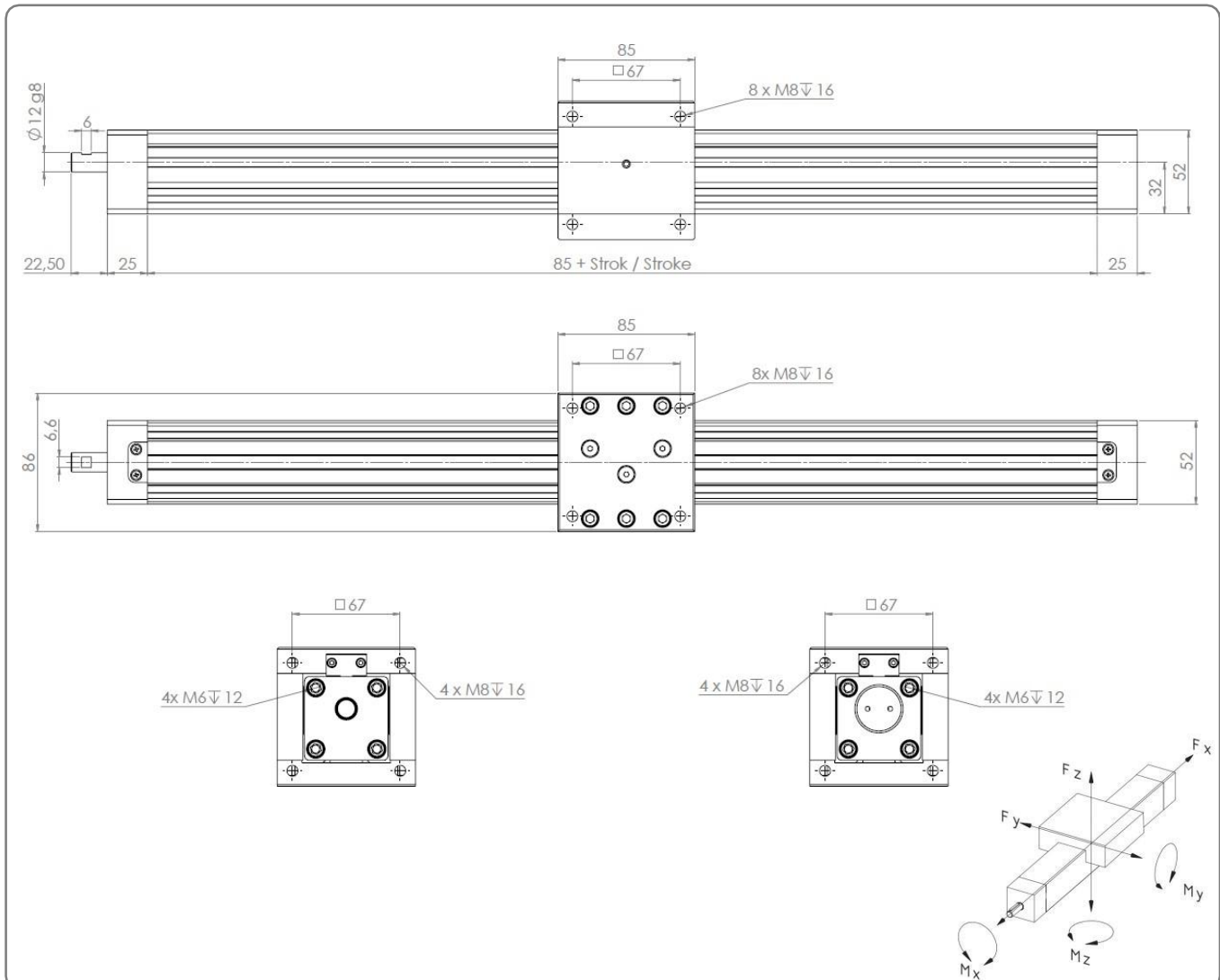
Assembly

WMMS Manuel Module
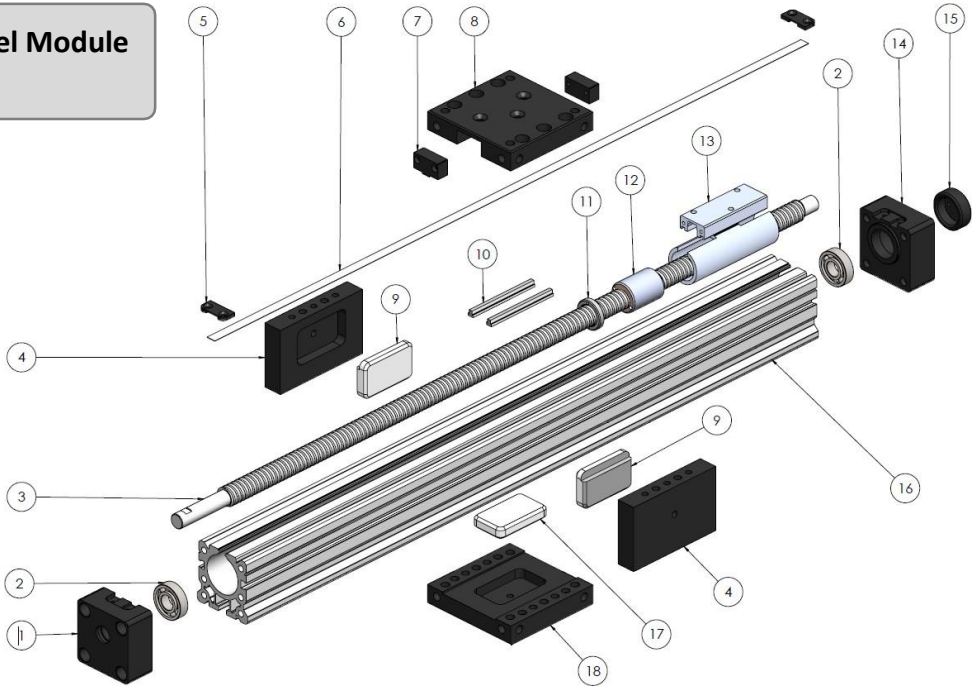
Piece	Qty	Part Name	Assembly
1	1	Front Block	
2	2	Bearing	
3	2	Lead Screw	
4	2	Side Mounting Plate	
5	1	Strip Mounting Piece	
6	2	Steel Strip	
7	1	Strip Pressure Part	
8	2	Upper Mounting Plate	
9	2	Side Support Part	
10	1	Carriage Support Part	Module
11	1	Trapezoidal Nut Thrust Nut	
12	1	Trapezoidal Nut	
13	1	Carriage	
14	1	Back Block	
15	1	Back Bearing Pressure Nut	
16	1	Profile	
17	1	Lower Support Part	
18	1	Lower Mounting Plate	