

# LT55 SERIES

Compact linear units  
with internal rail guide



- Compact design, the width of the profile 55 mm
- Internal recirculating ball rail guide size -15 -
- Double carriage design for heavier loads
- Toothed belt type 25 AT5
- Advanced internal lubrication system

## TECHNICAL DATA\*\*

## LT55-TR-S15D

Maximum stroke length	mm	5.750
Maximum speed	mm/s	3.000*
Maximum acceleration	m/s <sup>2</sup>	30
No load torque	Nm	0,6
Max. driving torque	Nm	14
Repeatability	mm	± 0,1
Movement per revolution	mm	150

\*Depending on modell linear guide

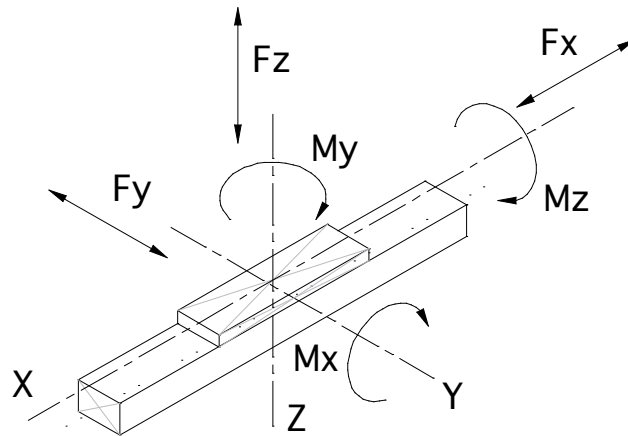
\*\*The values shown are theoretical maximum ratings. A suitable safety factor should always be applied based on application requirements.

# LT55 SERIES

## TECHNICAL DATA

### LOAD CAPACITY LT55-TR-S15D

Mx	Nm	106
My	Nm	106
Mz	Nm	40
Fx	N	1.200
Fy	N	3.400
Fz	N	3.600



## MOMENT OF INERTIA (NMM<sup>2</sup>)

### LT55-TR-S15D

Elx	1,520*10 <sup>10</sup>
Ely	1,955*10 <sup>10</sup>

## WEIGHTS (KG)

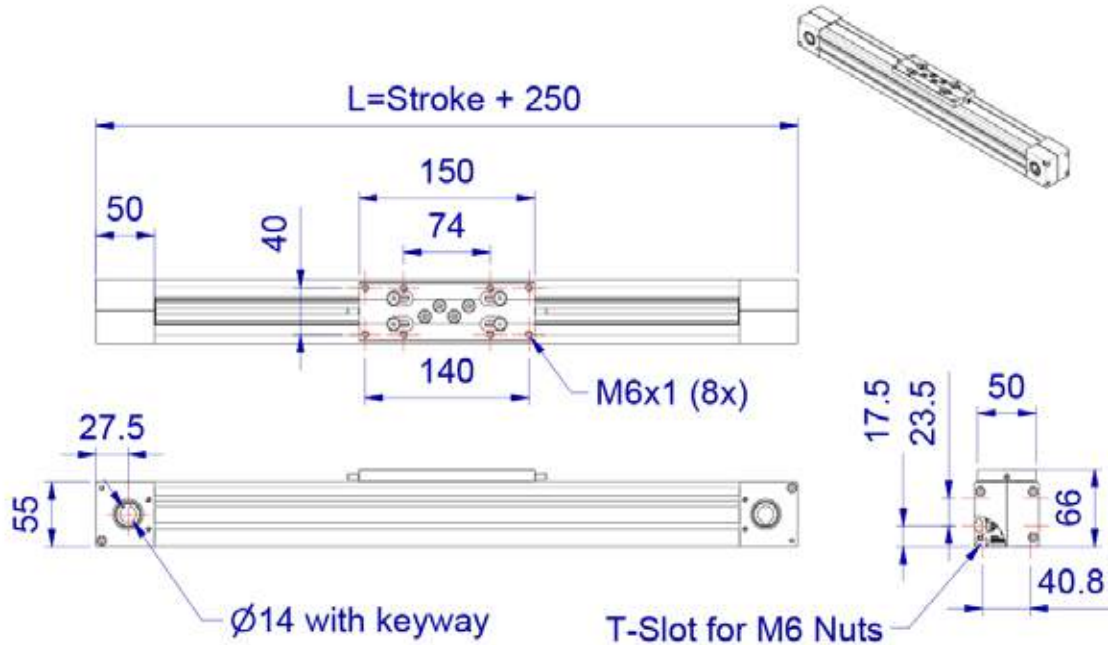
### LT55-TR-S15D

Unit weight 0 mm stroke	3,69
Weight per 100 mm stroke	0,40
Mass of carriage	0,97

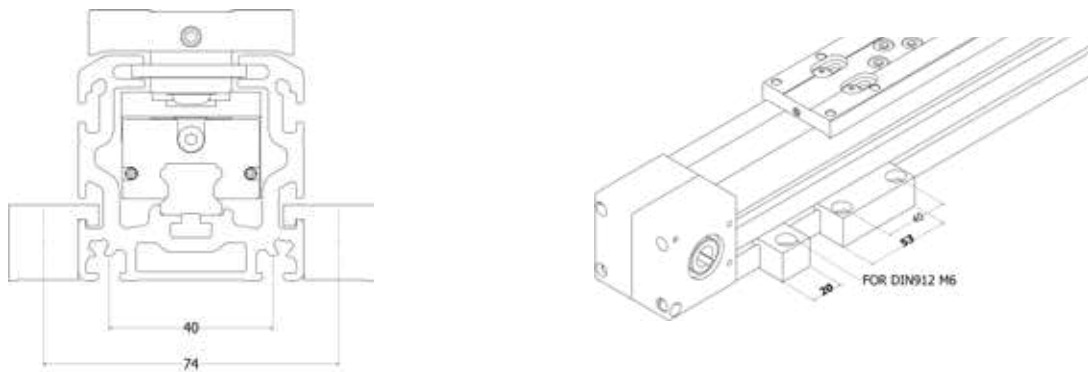
# LT55 SERIES

## DIMENSIONS

### DIMENSIONS LT55-TR-S15D

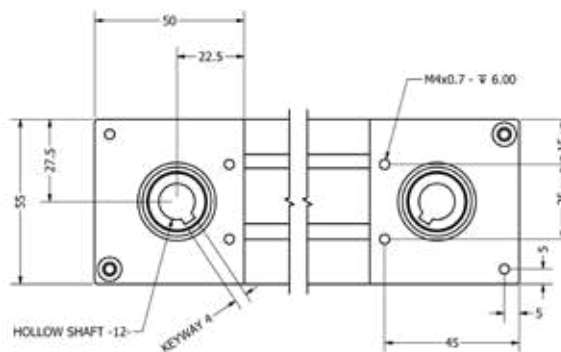
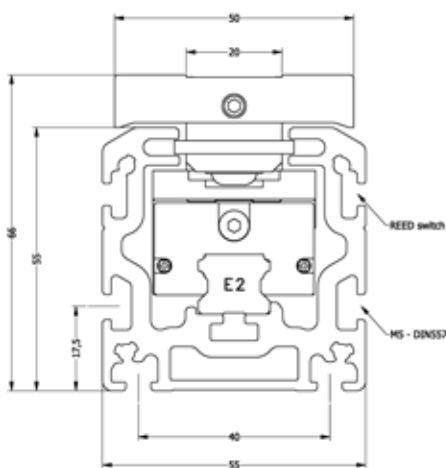


### CLAMPING DIMENSIONS



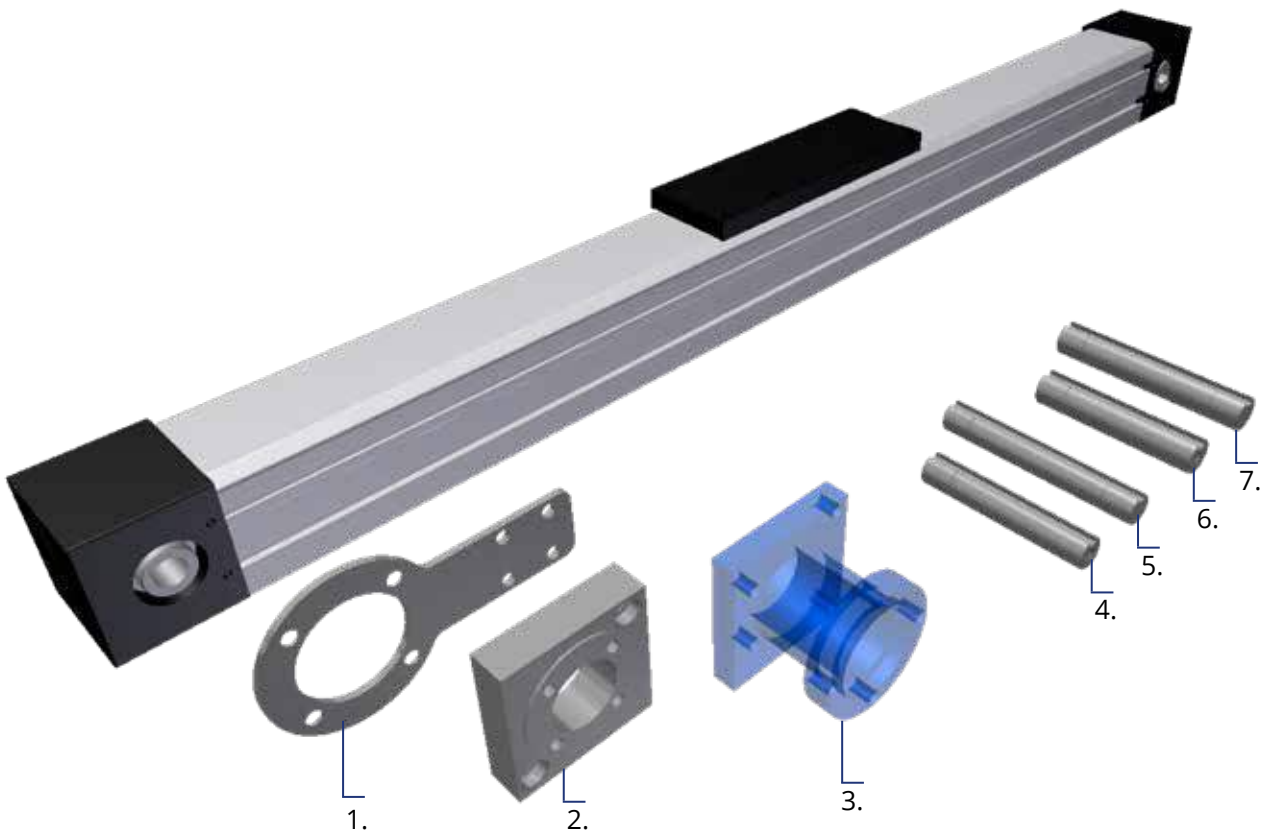
### DIMENSIONS FOR MOUNTING

### DIMENSIONS FOR MOTOR ATTACHEMENT



# LT55 SERIES

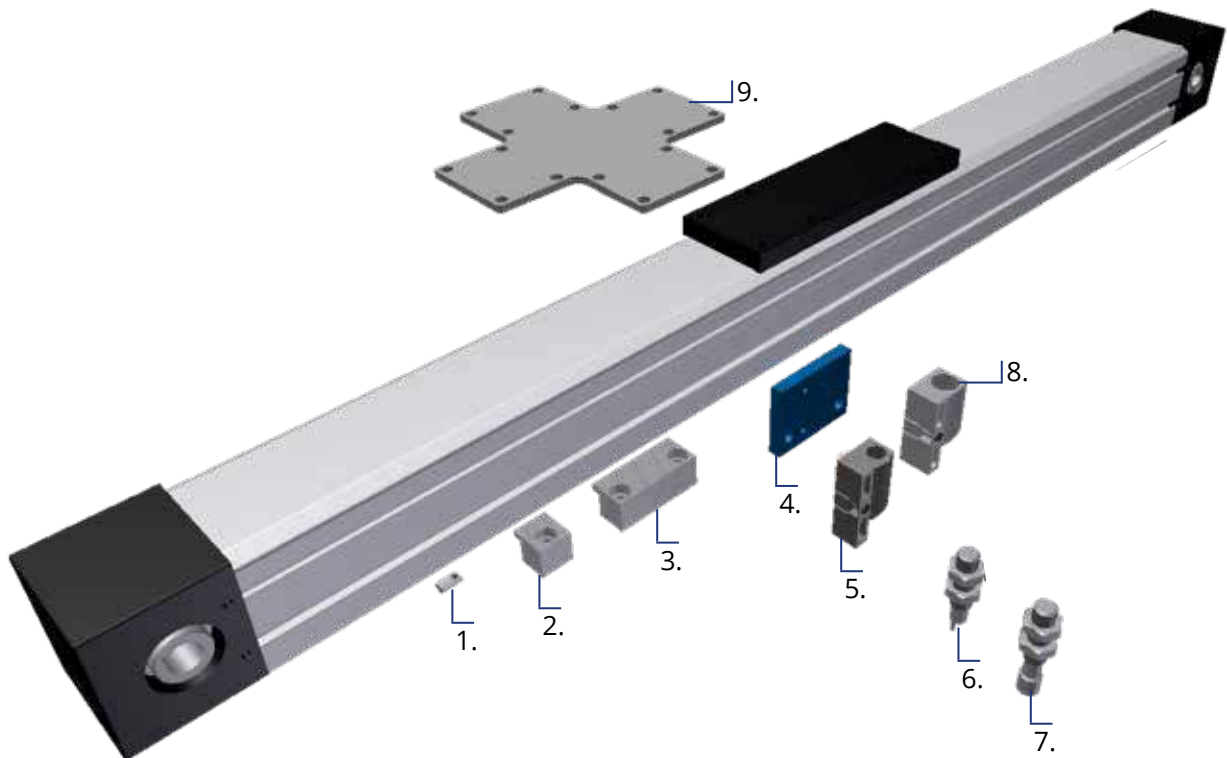
## MOTOR ACCESSORIES



1	5570-RA-M-XXX	Motor adaptor armtype
2	5570-F-XXX	Motor Flange
3	5570-FL-XXX	Motor adaptor
4	5070-SS-12-GS14	Single shaft ø12
5	5070-DS-12-GS14	Double shaft ø12
6	5070-SS-14-GS14	Single shaft ø14
7	5070-DS-14-GS14	Double shaft ø14

# LT55-TR-S15D

## ACCESSORIES



1	111-012	Nut M5
2	55121	Clamping plate single
3	55122	Clamping plate double
4	7070-SH-XS	Bracket for Telem. bracket
5	XSZB108	Bracket for M8 sensor
6	XS05B1PAL2	M8 inductive sensor-cable
7	XS508B1PAM8	M8 inductive sensor-M8
8	XSZB112	Bracket for M12 sensor
9	5570-XP-D	X-Cross-bracket