

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 ²	30
No load torque	Nm	0,6
Max. driving torque	Nm	14
Repeatability	mm	± 0,1
Movement per revolution	mm	150

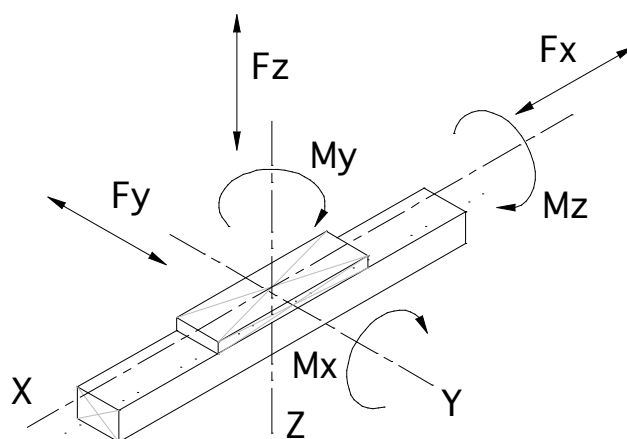
**depending on model linear guide*

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 (NMM²)

LT55-TR-S15D

Elx	1,520*10 ¹⁰
Ely	1,955*10 ¹⁰

WEIGHTS (KG)

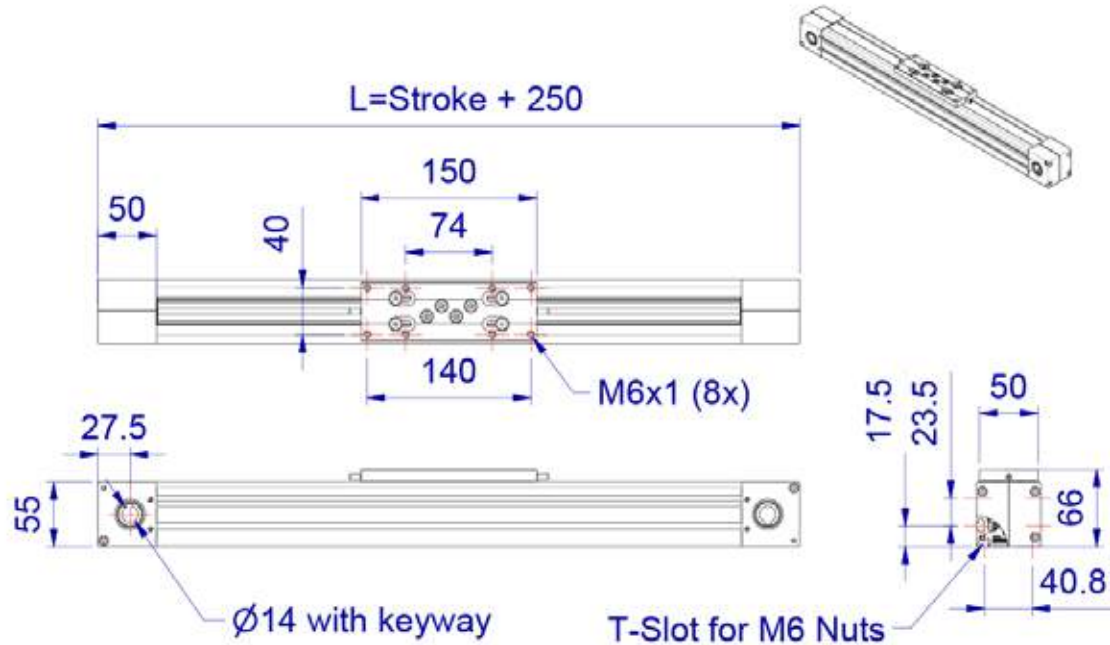
LT55-TR-S15D

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

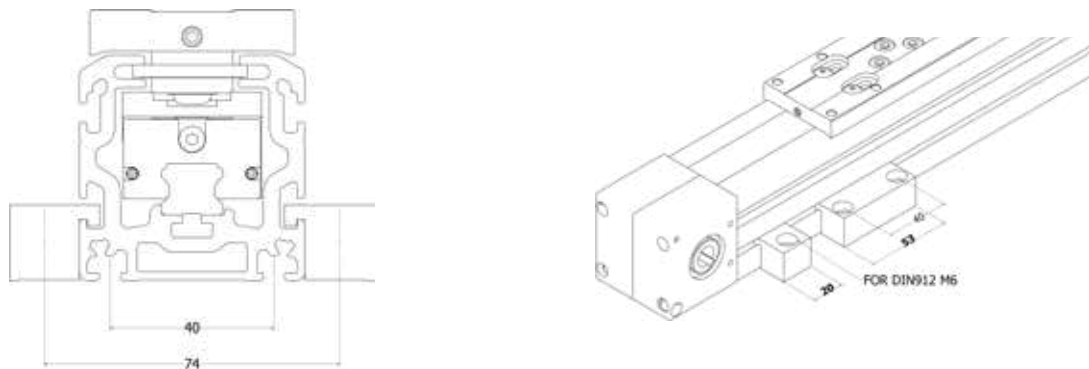
LT55 SERIES

DIMENSIONS

DIMENSIONS LT55-TR-S15D

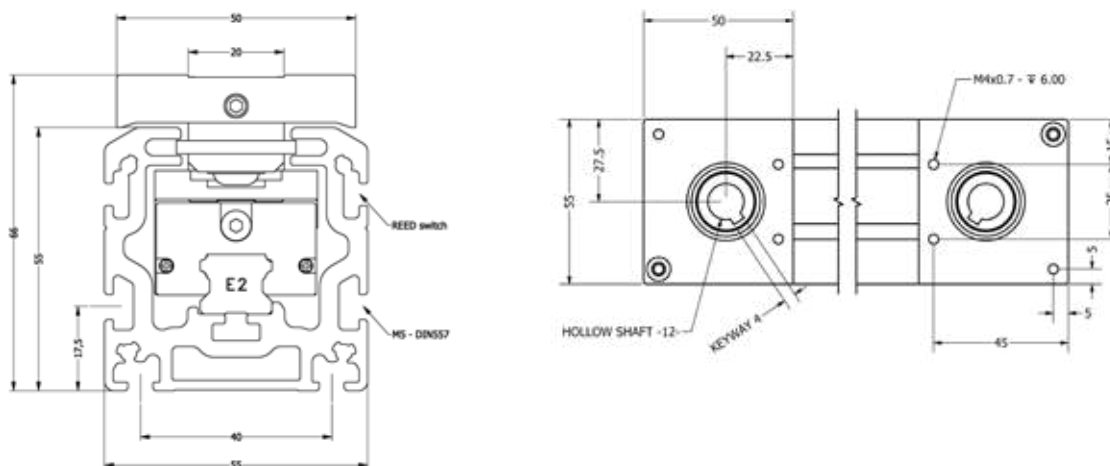


CLAMPING DIMENSIONS



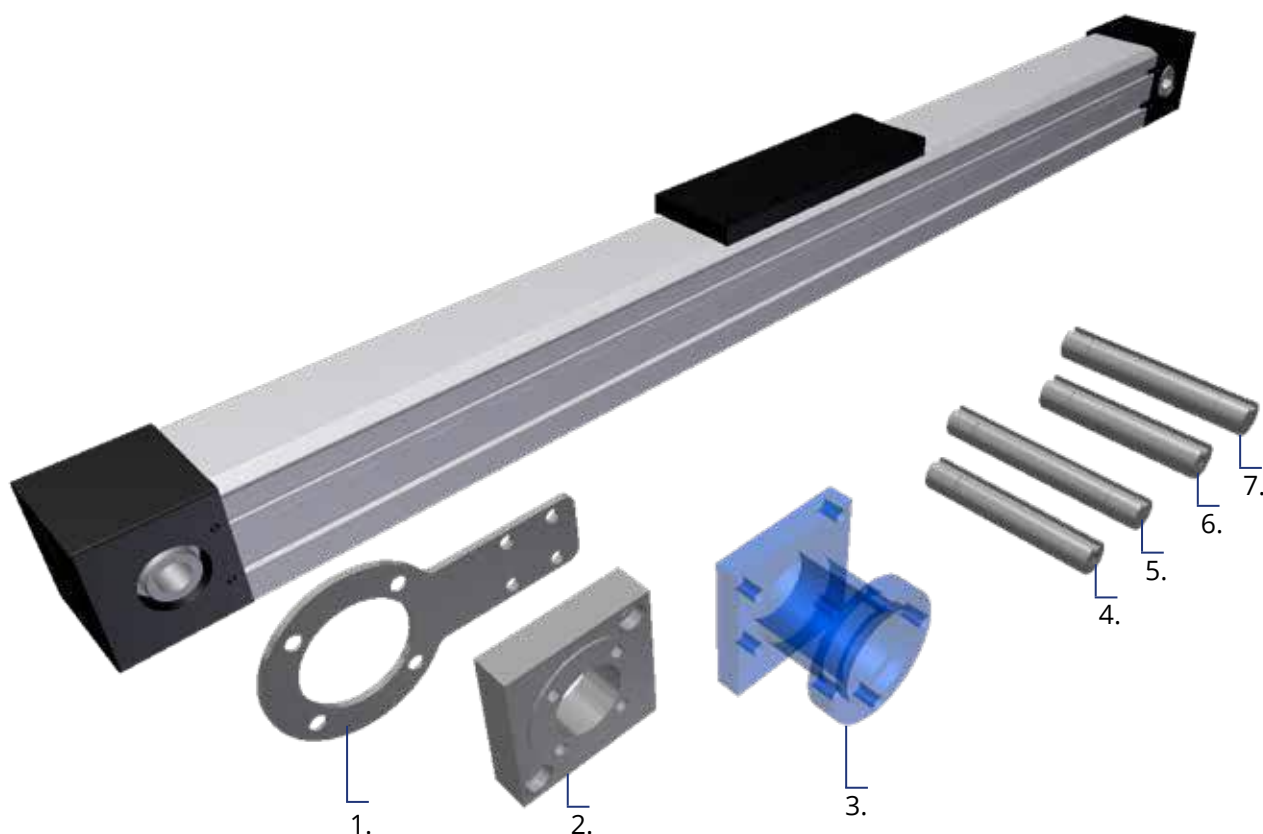
DIMENSIONS FOR MOUNTING

DIMENSIONS FOR MOTOR ATTACHEMENT



LT55 SERIES

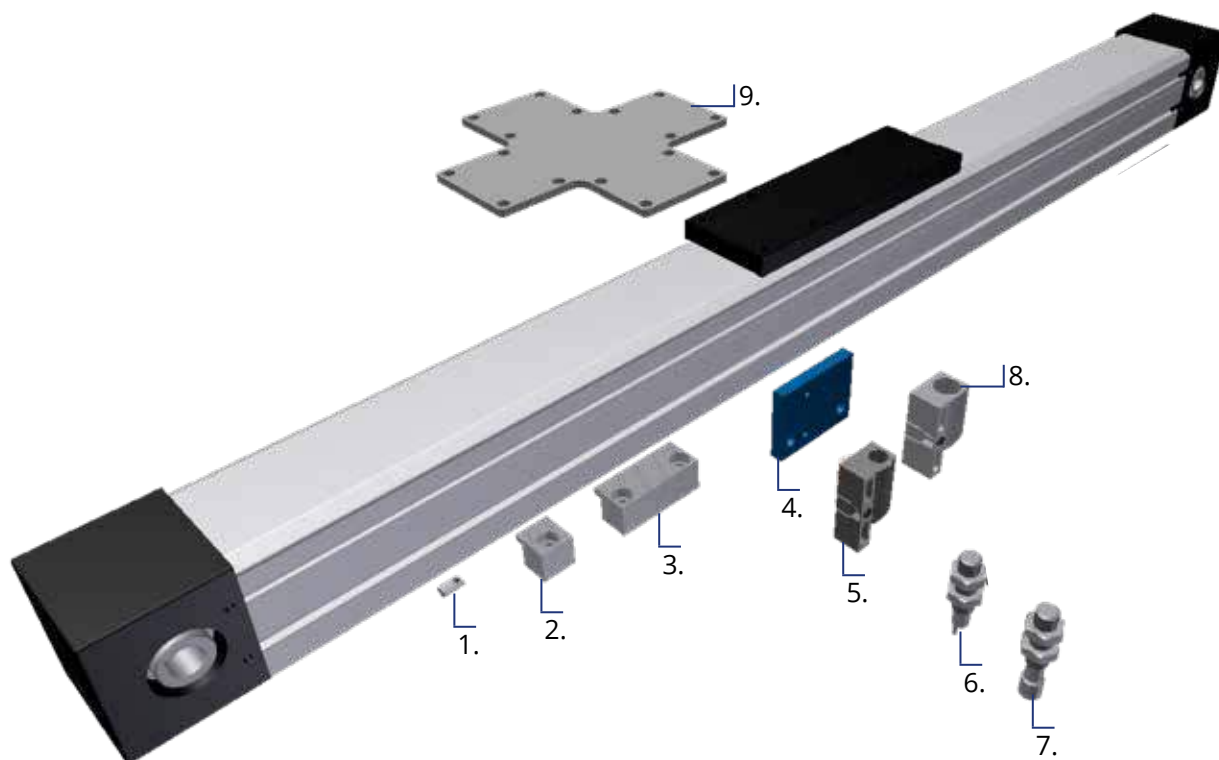
MOTOR ACCESSORIES



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 $\varnothing 12$
5	5070-DS-12-GS14	Double shaft $\varnothing 12$
6	5070-SS-14-GS14	Single shaft $\varnothing 14$
7	5070-DS-14-GS14	Double shaft $\varnothing 14$

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