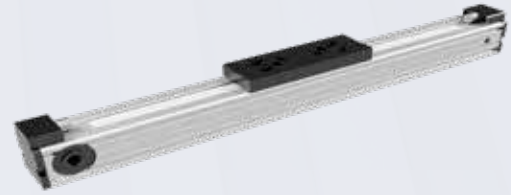


LT60S SERIES

Compact linear units
with internal rail guide



- Compact design, the width of the profile 60 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*

LT60STR-S15D

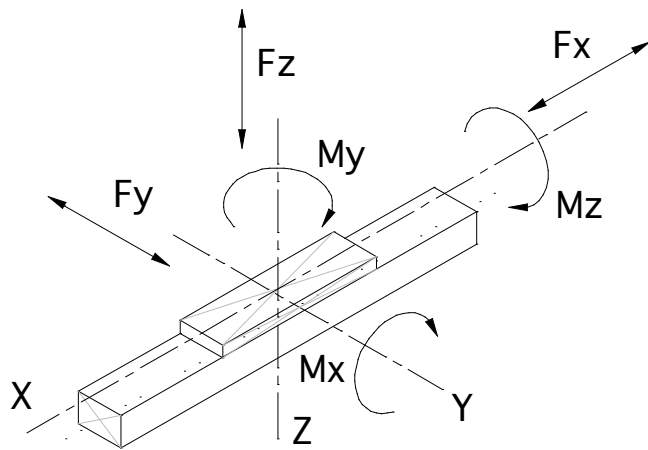
Maximum stroke length	mm	5.750
Maximum speed	mm/s	3.000
Maximum acceleration	m/s ²	30
No load torque	Nm	0,6
Max. driving torque	Nm	14
Repeatability	mm	± 0,1
Movement per revolution	mm	150

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

LT60S-TR-S15D

TECHNICAL DATA

LOAD CAPACITY		LT60S-TR-S15D	LT60S-TR-S15D****L
Mx	Nm	128	172
My	Nm	128	172
Mz	Nm	40	40
Fx	N	1.200	1.200
Fy	N	3.400	3.400
Fz	N	3.600	3.600



MOMENT OF INERTIA (NMM²)

LT60S-TR-S15D	
Elx	2,489*10 ¹⁰
Ely	3,246*10 ¹⁰

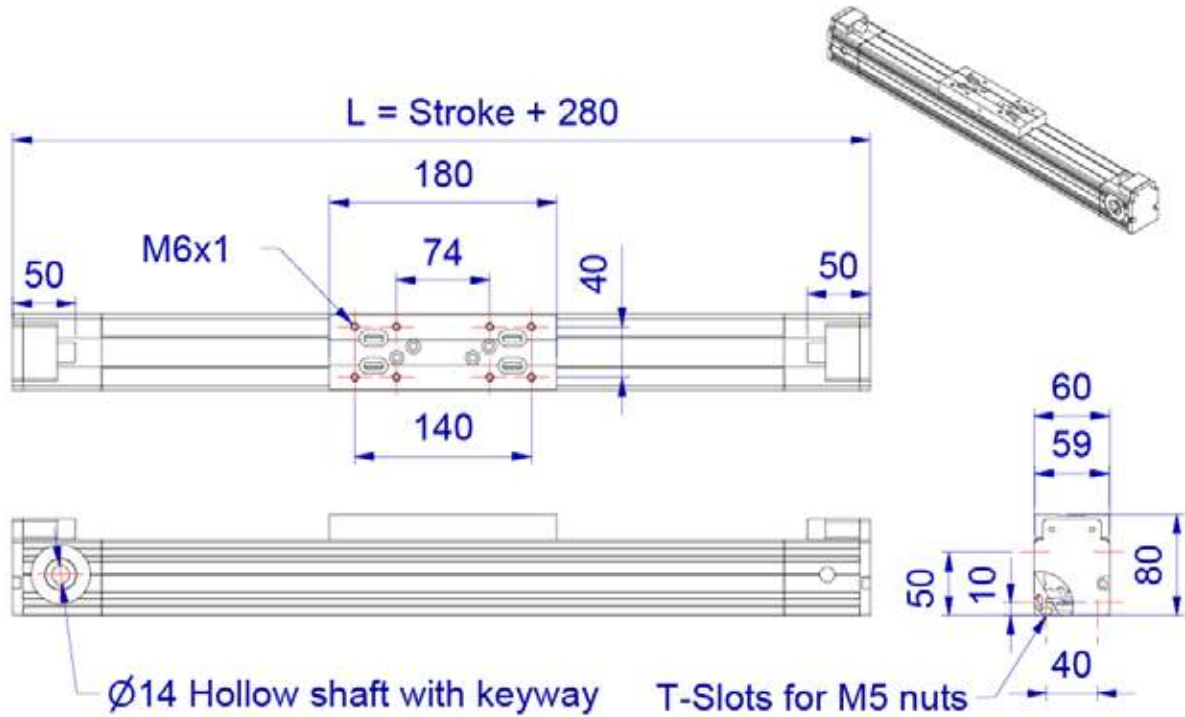
WEIGHTS (KG)

	LT60S-TR-S15D	LT60S-TR-S15D****L
Unit weight 0 mm stroke	3,69	4,09
Weight per 100 mm stroke	0,40	0,40
Mass of carriage	0,98	1,38

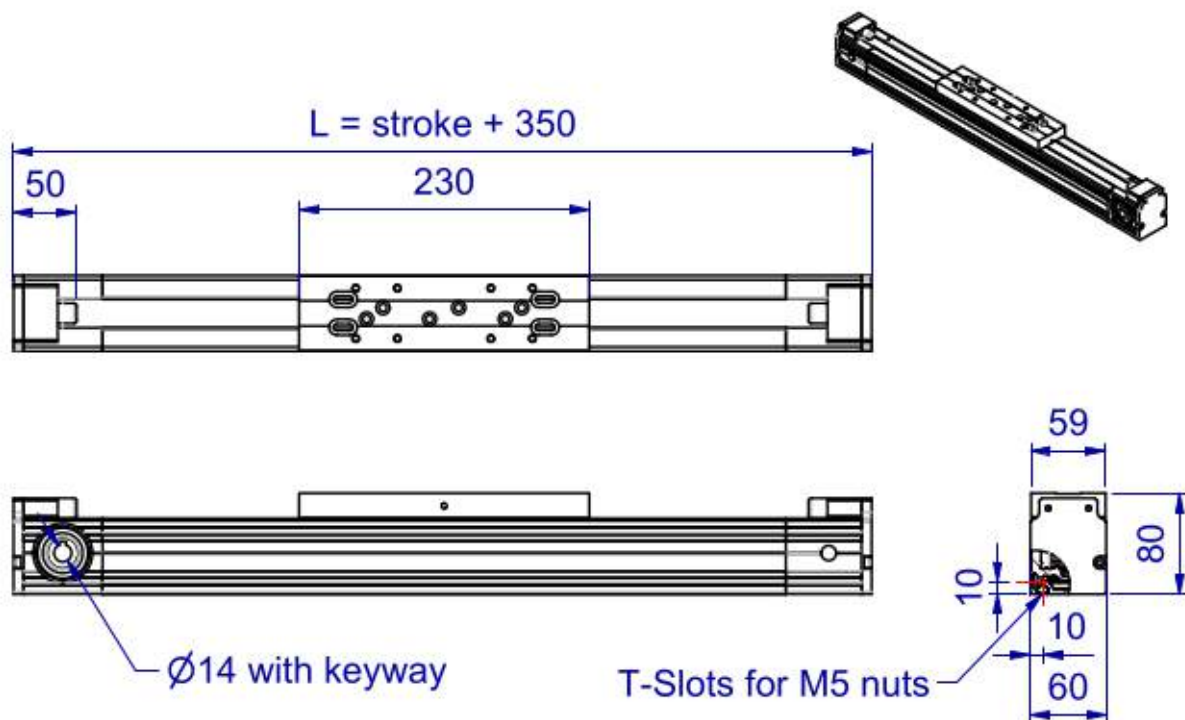
LT60S-TR-S15D

DIMENSIONS

DIMENSIONS LT60S-TR-S15D



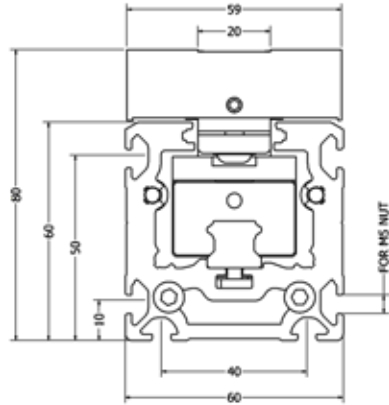
DIMENSIONS LT60S-TR-S15D-****L



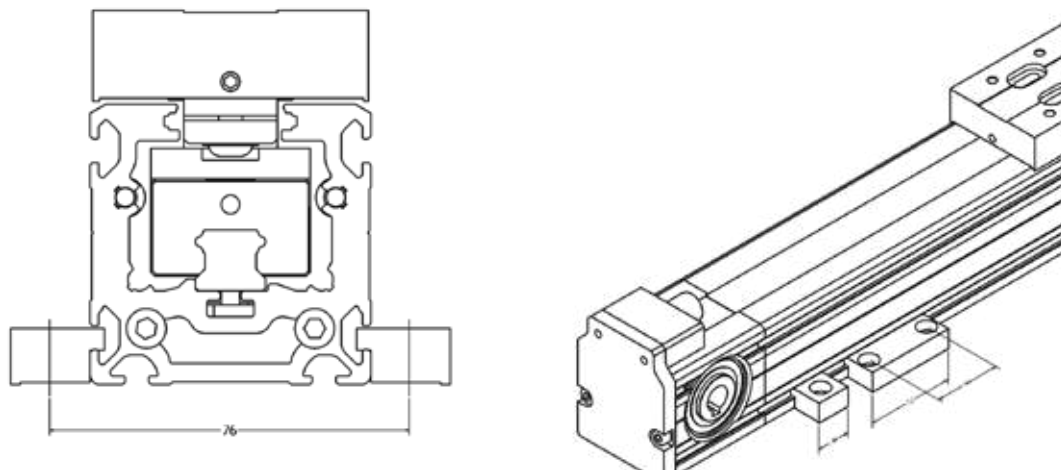
LT60S-TR-S15D

DIMENSIONS

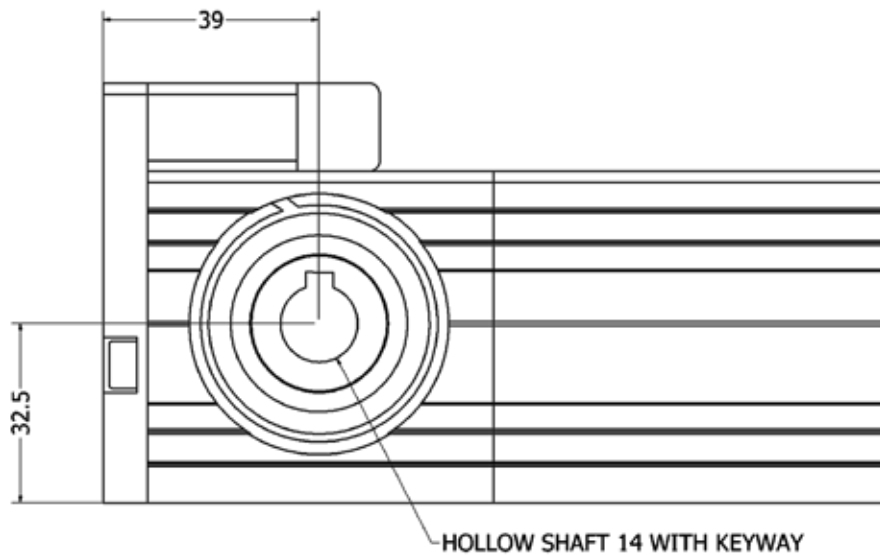
DIMENSIONS FOR MOUNTING



CLAMPING DIMENSIONS

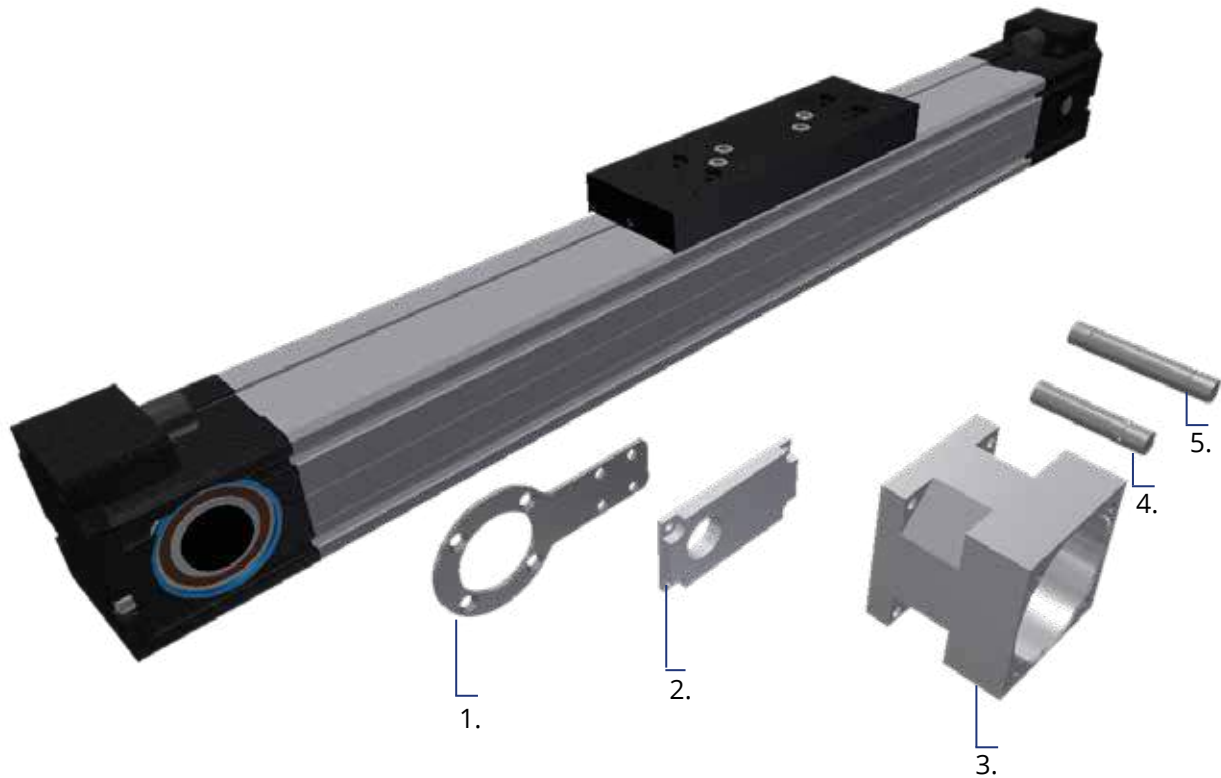


DIMENSIONS FOR MOTOR ATTACHEMENT



LT60S-TR-S15D

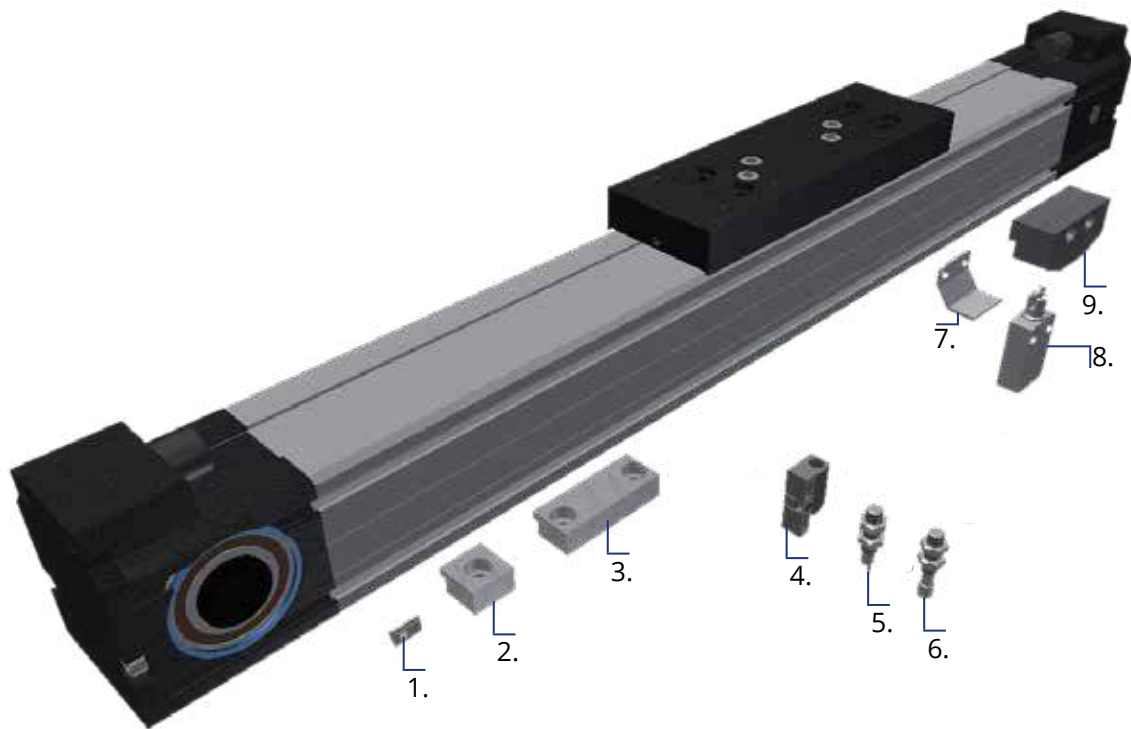
MOTOR ACCESSORIES



1	60S70-RA-M-XXX	Motor adaptor armtype
2	60S70-F-XXX	Motor Flange
3	60S70-FL-XXX	Motor adaptor
4	60S70-SS-16-GS19	Single shaft ø16
5	60S70-DS-16-GS19	Double shaft ø16

LT60S-TR-S15D

ACCESSORIES



1	111-012	Singel Nut M5
2	60S121	Clamping plate single
3	60S122	Clamping plate double
4	XSZB108	Bracket for M8 sensor
5	XS05B1PAL2	M8 inductive sensor-cable
6	XS508B1PAM8	M8 inductive sensor-M8
7	5570-DB4-IN	Sensor Bracket
8	XCMD2102L	Roll switch
9	5570-SD-ME	Switch bracket