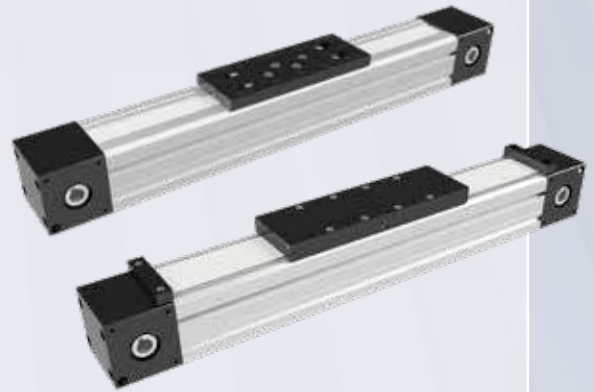


LT80 SERIES

Compact linear units with internal wheel- or rail guide



- Internal guide linear units, width of the profile 80 mm
- Optional metal protection band
- Internal recirculating ball rail guide size -20- for heavy loads
- Toothed belt type 32 AT10
- Advanced internal lubrication system

TECHNICAL DATA*

LT80-TR-S20D

LT80A-TR-S20D

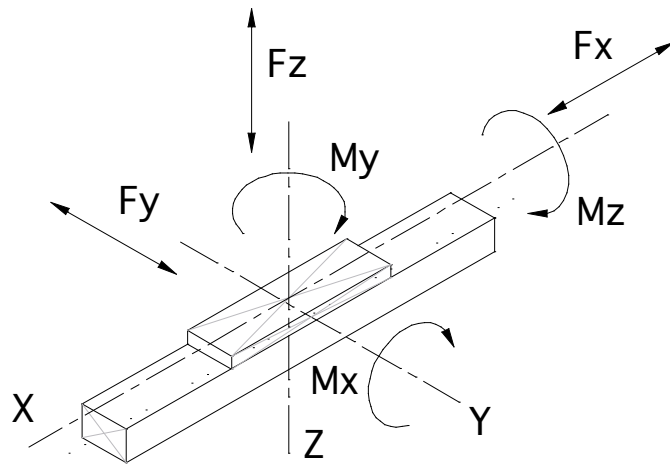
Maximum stroke length	mm	5.750	5.750
Maximum speed	mm/s	3.000	3.000
Maximum acceleration	m/s ²	30	30
No load torque	Nm	1,1	1,1
Max. driving torque	Nm	74	74
Repeatability	mm	± 0,1	± 0,1
Movement per revolution	mm	200	200

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

LT80 SERIES

TECHNICAL DATA

LOAD CAPACITY		LT80-TR-S20D	LT80A-TR-S20D
Mx	Nm	86	86
My	Nm	126	126
Mz	Nm	50	50
Fx	N	4.400	4.400
Fy	N	1.400	1.400
Fz	N	1.400	1.400



MOMENT OF INERTIA (NMM²)

LT60S-TR-S15D	
Elx	5,009*10 ¹⁰
Ely	7,415*10 ¹⁰

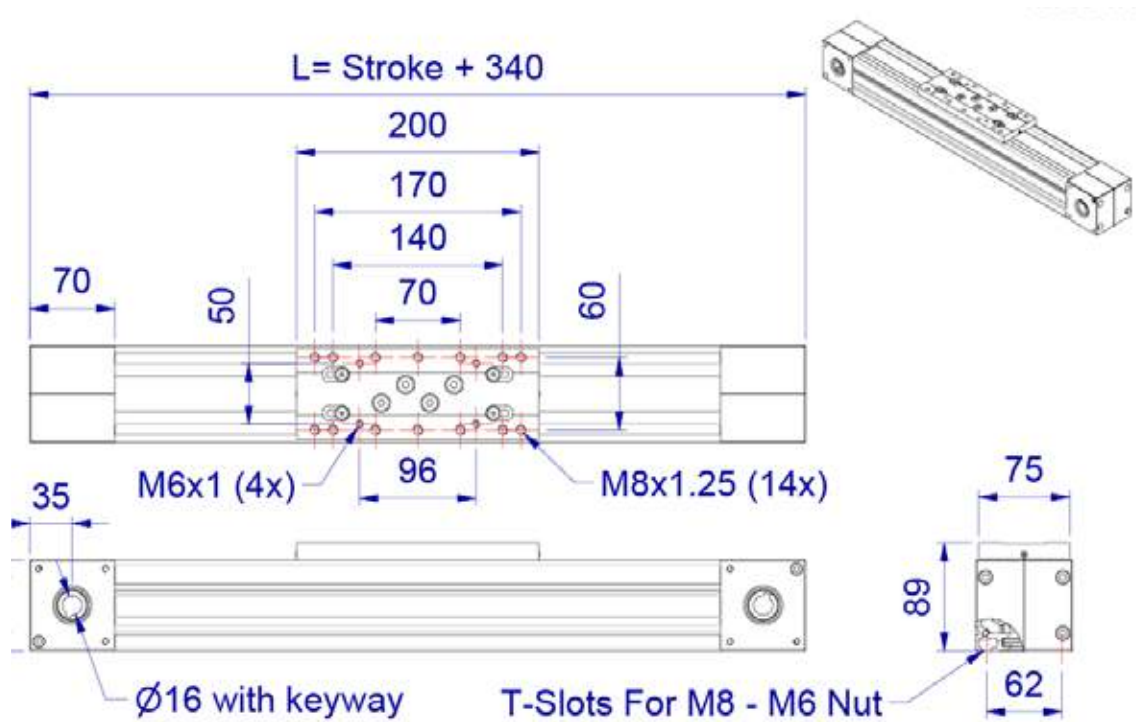
WEIGHTS (KG)

	LT60S-TR-S15D	LT80A-TR-S20D
Unit weight 0 mm stroke	7,96	8,05
Weight per 100 mm stroke	0,72	0,80
Mass of carriage	2,25	2,40

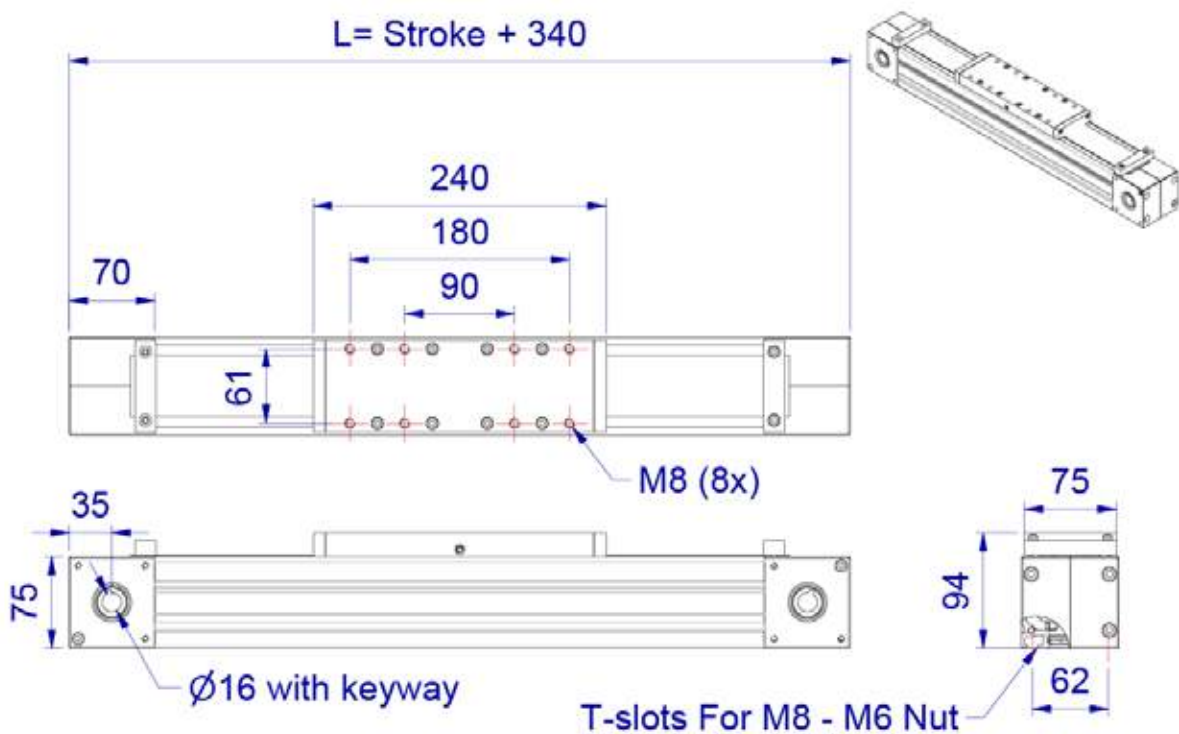
LT80 SERIES

DIMENSIONS

DIMENSIONS LT80-TR-S20D



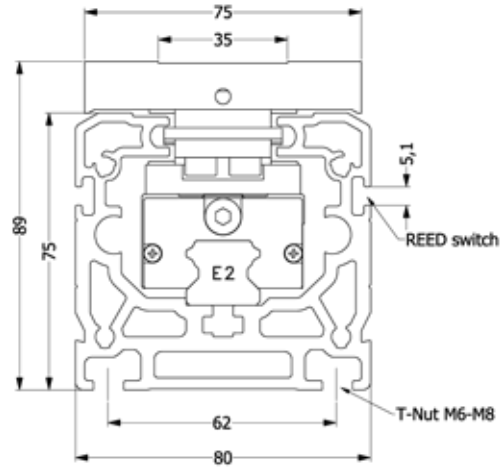
DIMENSIONS LT80A-TR-S20D



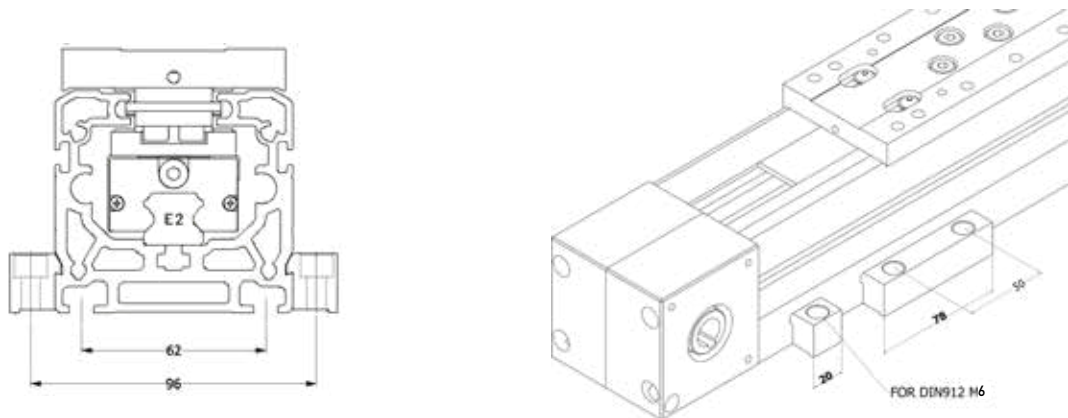
LT80 SERIES

DIMENSIONS

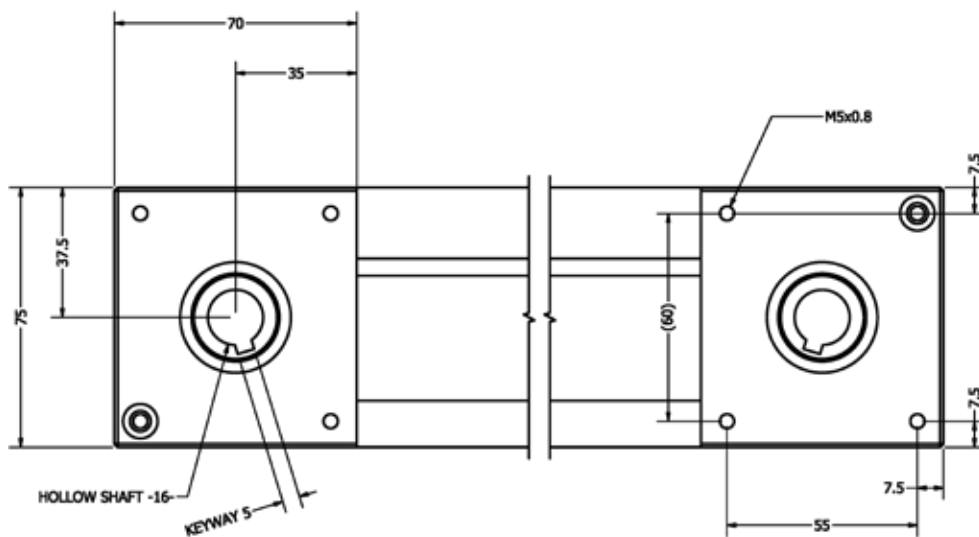
DIMENSIONS FOR MOUNTING



CLAMPING DIMENSIONS

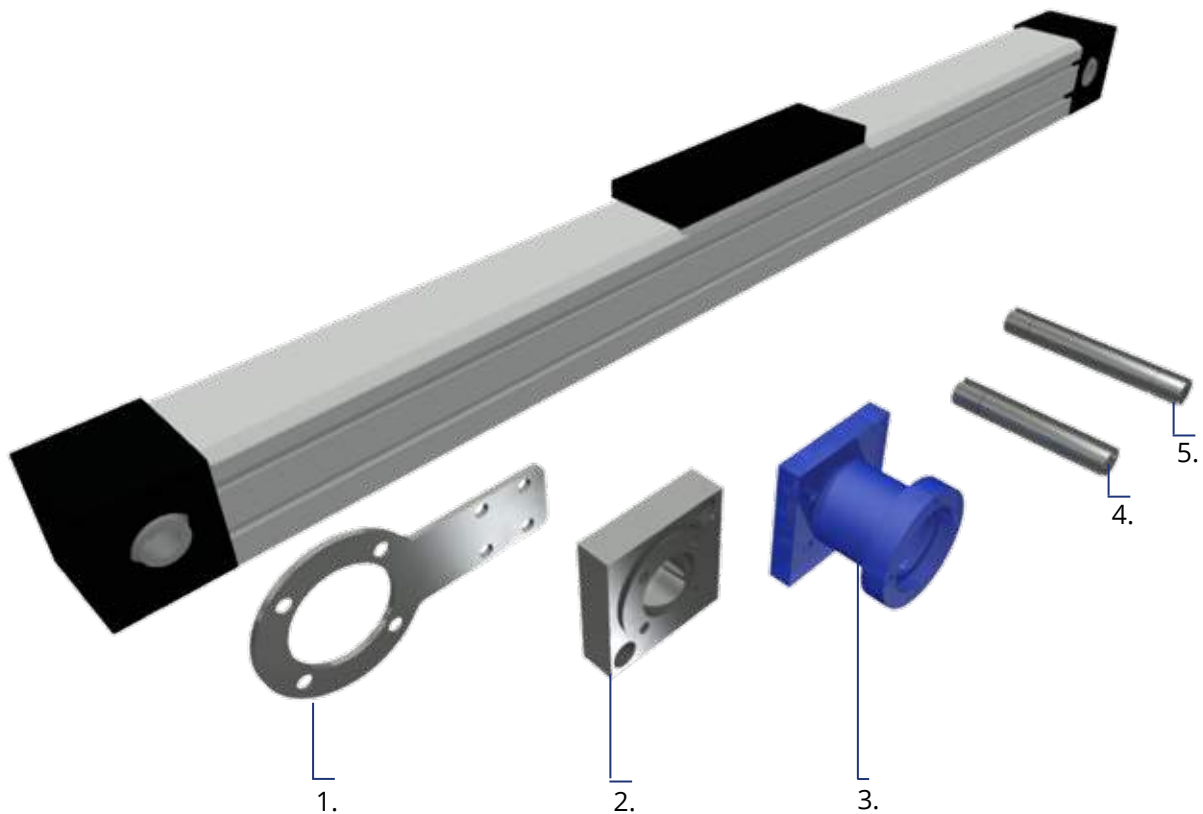


DIMENSIONS FOR MOTOR ATTACHEMENT



LT80-TR-S20D

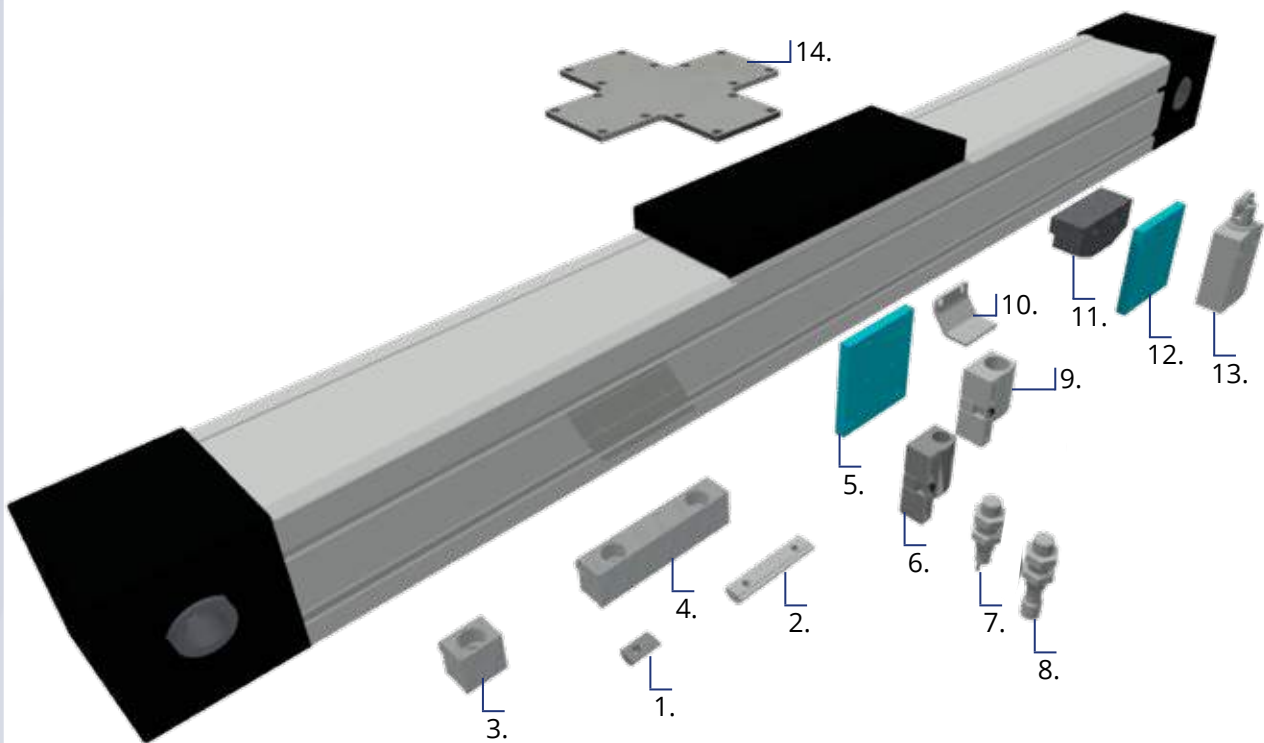
MOTOR ACCESSORIES



1	8070-RA-M-XXX	Motor adapter armtype
2	8070-F-XXX	Motor Flange
3	8070-FL-XXX	Motor adapter
4	8070-SS-16-GS19	Single shaft ø16
5	8070-DS-16-GS19	Double shaft ø16

LT80-TR-S20D

ACCESSORIES



1	111-036	Single Nut M5
1	111-028	Single Nut M6
1	111-029	Single Nut M8
2	172-710	Double Nut M8 L=26
2	172-711	Double Nut M8 L=66
2	172-713	Double Nut M6 L=40
2	172-714	Double Nut M6 L=40
3	80121	Clamping plate single
4	80122	Clamping plate double
5	8070-SH-XS	Bracket for Telem. Bracket
6	XSZB108	Bracket for M8 sensor
7	XS05B1PAL2	M8 inductive sensor-cable
8	XS508B1PAM8	M8 inductive sensor-M8
9	XSZB112	Bracket for M12 sensor
10	8070-DB4-IN	Sensor bracket
11	8070-SD-ME	Switch bracket
12	8070-XCMD-B	Bracket for switch
13	XCMD2102L	Switch with roll
14	8070-XP-D	X-Cross-bracket