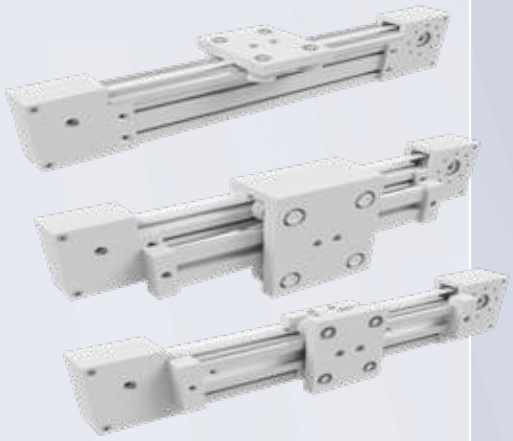
LTC SERIES

Linear units with toothed belt drive and guide wheel system



- Basic extrusion profile 45 x 90, 45 x 135 or 90 x 90 mm
- Guide system of hardened wheels on hardened shafts
- Toothed belt type AT10, 16, 25 or 50 mm wide
- Hardened and grinded V-shaped wheels
- Very resistant to pollution

Technical data*		LTC series
Maximum stroke length	mm	42.000
Maximum speed	mm/s	5.000
Maximum acceleration	m/s^2	50
Max. driving torque	Nm	37
Repeatability	mm	± 0,1
Movement per revolution	mm	200

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

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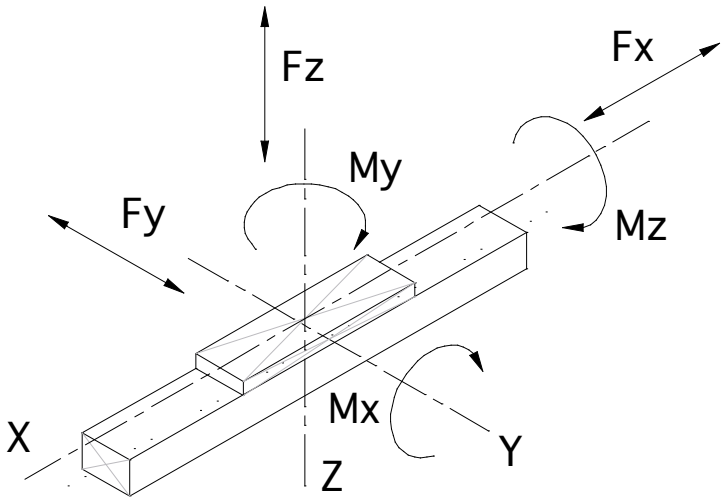
LTC SERIES

TECHNICAL DATA

LOAD CAPACITY		LTC-TR-C10	LTC-TR-C12	LTC-TR-C16	LTC-TR-G20
Mx	Nm	84	144	320	608
My	Nm	127	200	490	650
Mz	Nm	42	72	160	410
Fx	N	2.100	2.100	2.100	6.500
Fy	N	2.400	3.200	6.400	6.400
Fz	N	2.600	3.200	7.000	7.000



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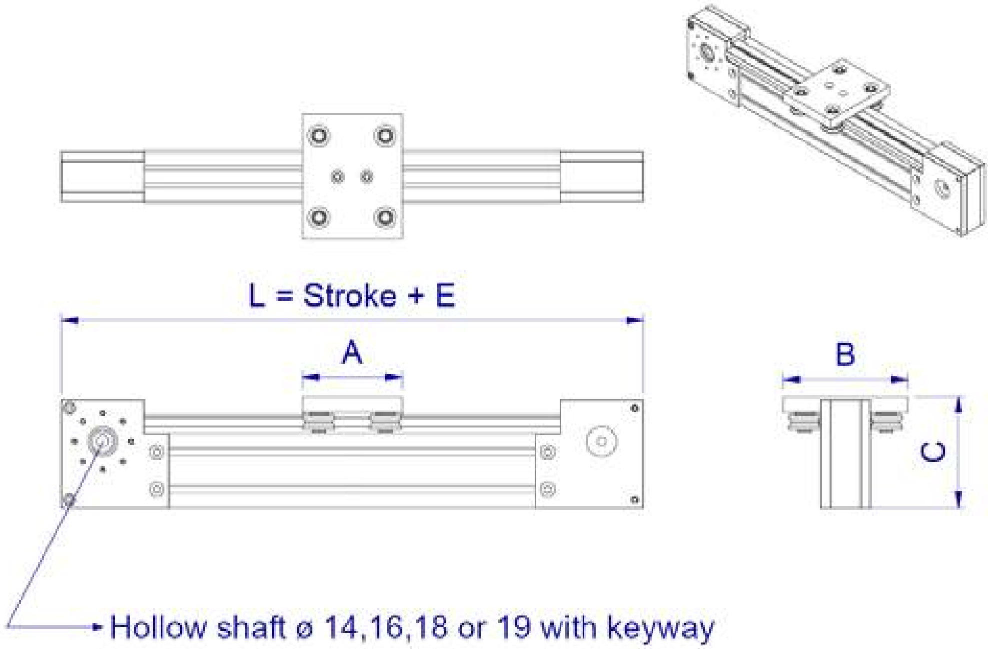
LTC SERIES

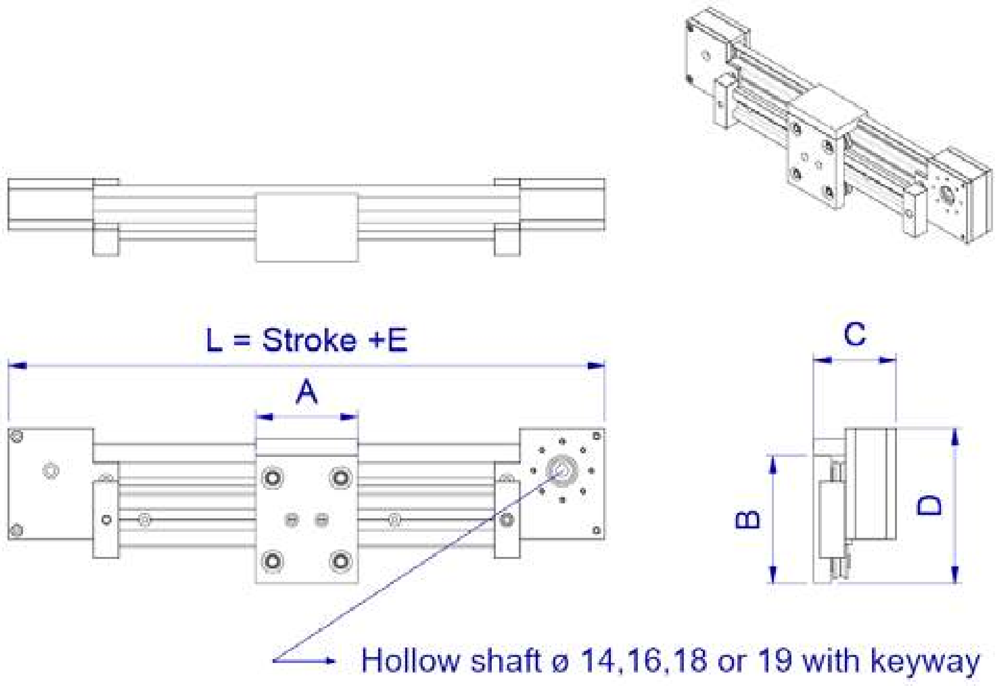
DIMENSIONS

DIMENSIONS LTC-TR-C10-D1



Type	A	B	C	D	E
C 10-D1	120	150	134,5	-	320
C 12-D1	150	180	140,5	-	350
C 16-D1	180	200	152,0	-	380

DIMENSIONS LTC-TR-C10-S1



Type	A	B	C	D	E
C 10-S1	120	150	97	182,5	380
C 12-S1	150	180	103	200	410
C 16-S1	180	200	114,5	215	440

All drawings can be downloaded from www.almotion.nl

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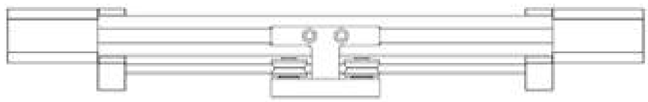
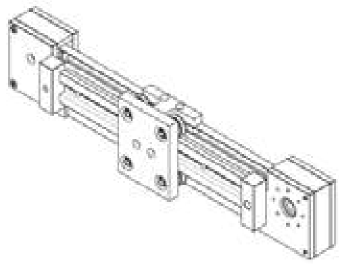
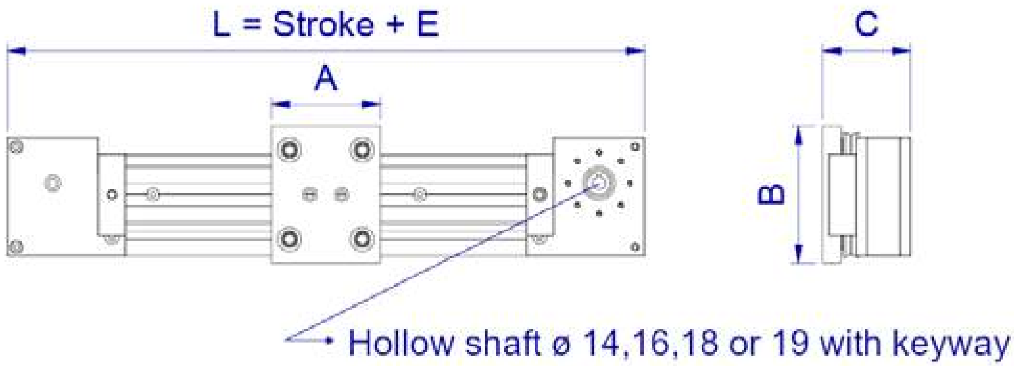
LTC SERIES

DIMENSIONS

DIMENSIONS LTC-TR-C10-S2

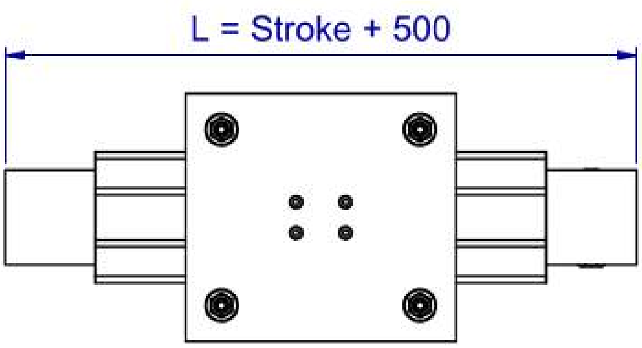


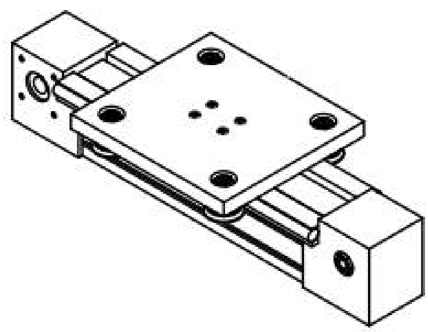


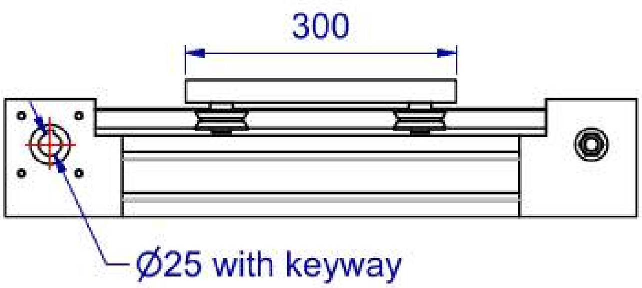


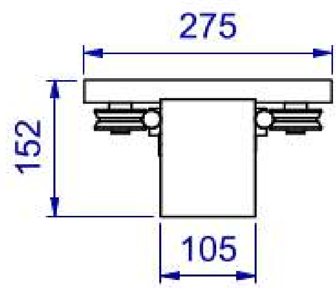
Type	*A*	*B*	*C*	*D*	*E*
C 10-S2	120	150	97	-	380
C 12-S2	150	180	103	-	410
C 16-S2	180	200	114,5	-	440

DIMENSIONS LTC-TR-G20









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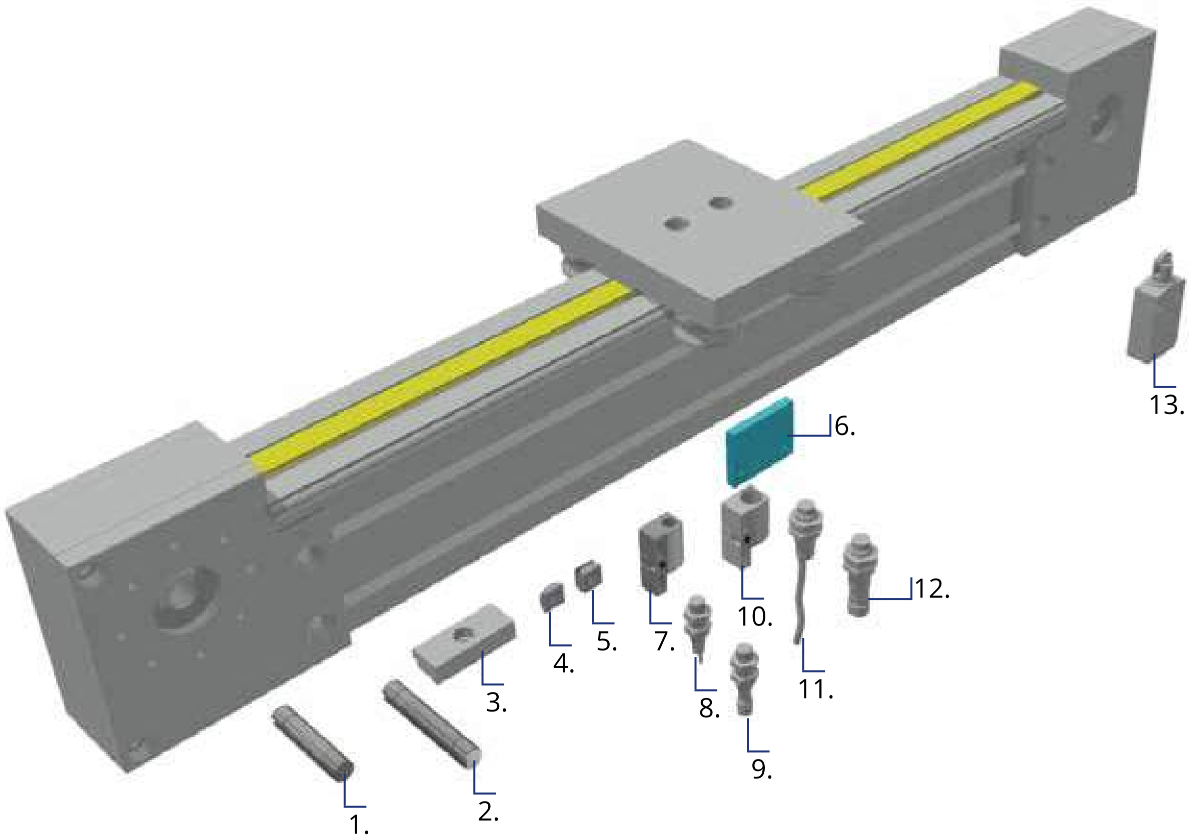
LTC-TR-C

ACCESSORIES



1	LTC-SH-14	Motor shaft 1 side
2	LTC-SH-14D	Motor shaft 2 sides
3	21.1027	Clamping bracket
4	21.1347	Square nut M5
4	21.1330	Square nut M6
4	21.1351	Square nut M8
5	21.1347F	Square nut with Fix M5
5	21.1330F	Square nut with Fix M6
5	21.1351F	Square nut with Fix M8
6	LTC45-SH-XS	Bracket for Telem. bracket
7	XSZB108	Bracket for M8 sensor
8	XS05B1PAL2	M8 inductive sensor-cable
9	XS508B1PAM8	M8 inductive sensor-M8
10	XSZB112	Bracket for M12 sensor
11	XS212b4pal	M12 inductive sensor-cable
12	XS212b4pbm	M12 inductive sensor-M8
13	XCMD2102L	Switch with roll

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