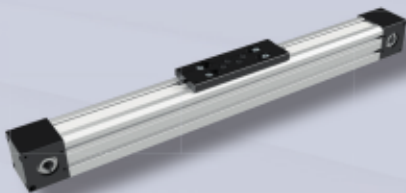
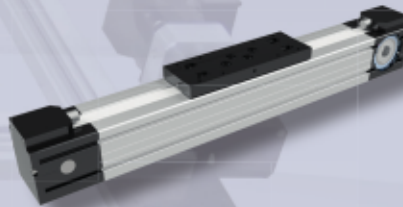
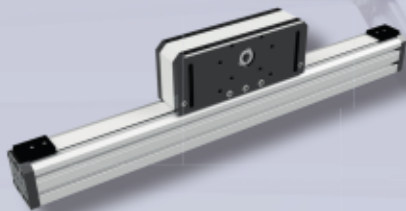
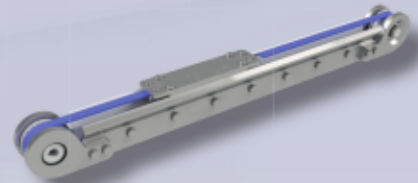
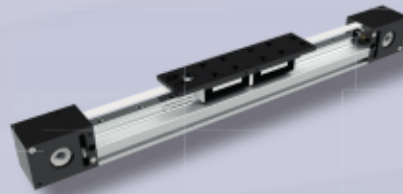
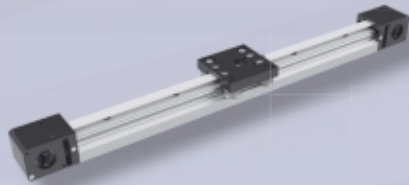


linear modules

"Control in motion"



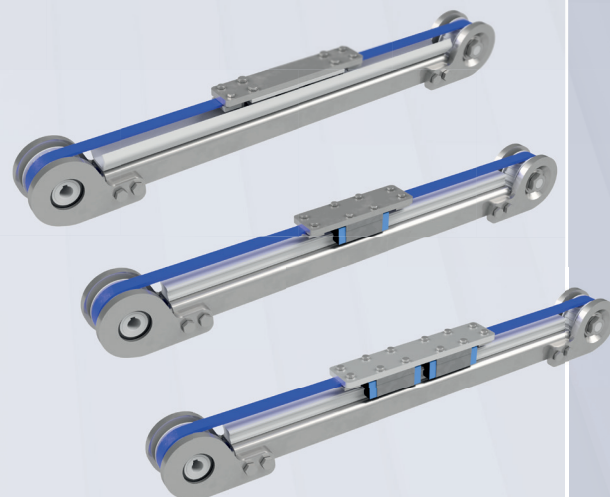
News 2023

Supplement to catalogue

ALMOTION®

LTi45 SERIES

Robust linear units with
wheel- or rail guide
in stainless steel



- Open design, the width of the profile is 45 mm
- Guide system of hardened wheels or recirculating rail guide, size -20-
- Toothed belt type AT10, 16 mm wide, in FDA blue version
- Double carriage design for high load
- C45 guide wheel system is very resistant to pollution
- Recirculating ball rail guide for heavy loads
- All components in inox mate

TECHNICAL DATA		LTi45-TRB-C45	LTi45-TRB-S20I
Maximum stroke*	mm	5.500	3.000
Maximum speed	mm/s	1.500	1.500
Maximum acceleration	m/s ²	30	30
No load torque	Nm	0,2	0,6
Repeatability	mm	± 0,1	± 0,1
Movement per revolution	mm	200	200

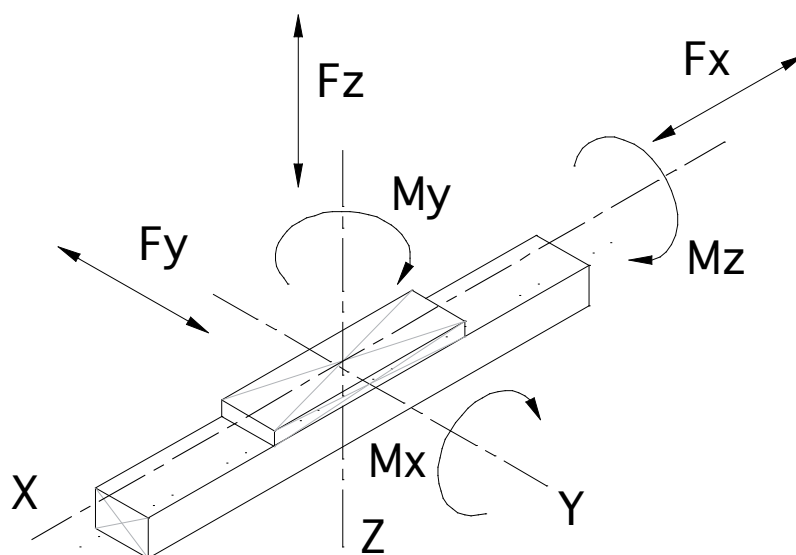
* longer lengths on request

LTi45 SERIES

TECHNICAL DATA

LOAD CAPACITY

		LTi45-TRB-C45	LTi45-TRB-S20I	LTi45-TRB-S20ID
Mx	Nm	80	140	680
My	Nm	120	280	560
Mz	Nm	8	140	680
Fx	N	2.100	2.100	2.100
Fy	N	1.600	3.600	8.000
Fz	N	860	3.600	8.000



WEIGHTS (KG)

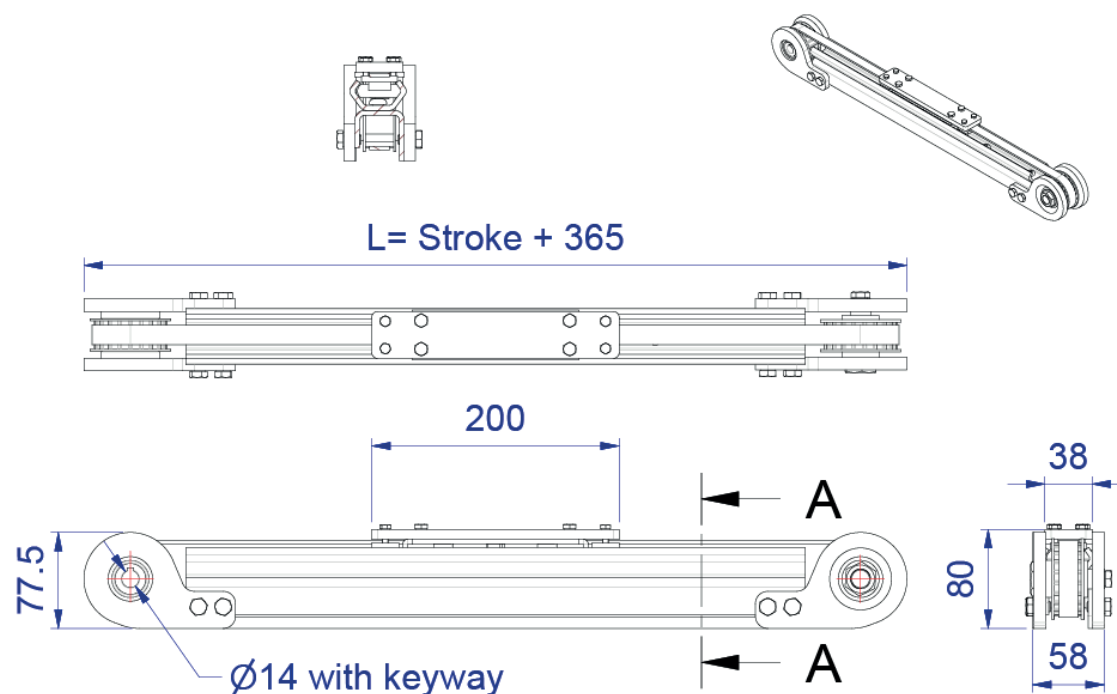
LTi45-TRB-C45 LTi45-TRB-S20I LTi45-TRB-S20ID

Unit weight 0 mm stroke	5,00	5,10	5,60
Weight per 100 mm stroke	0,40	0,45	0,45
Mass of carriage	0,70	0,90	1,10

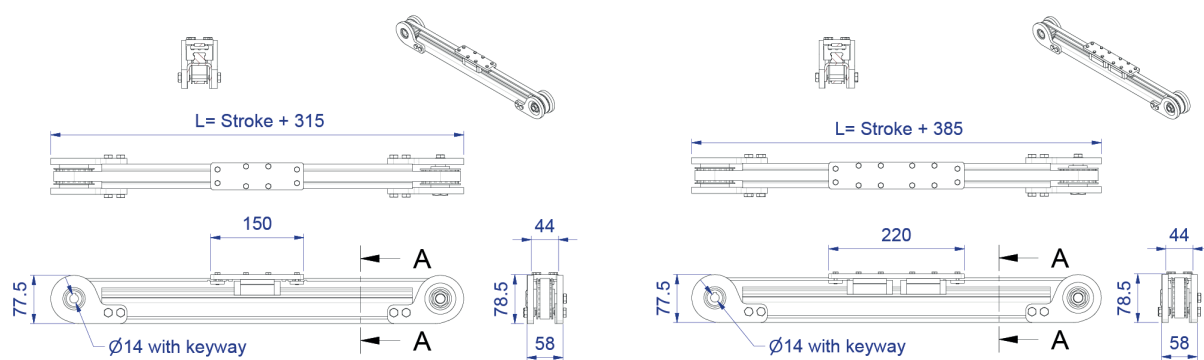
LTi45 SERIES

DIMENSIONS

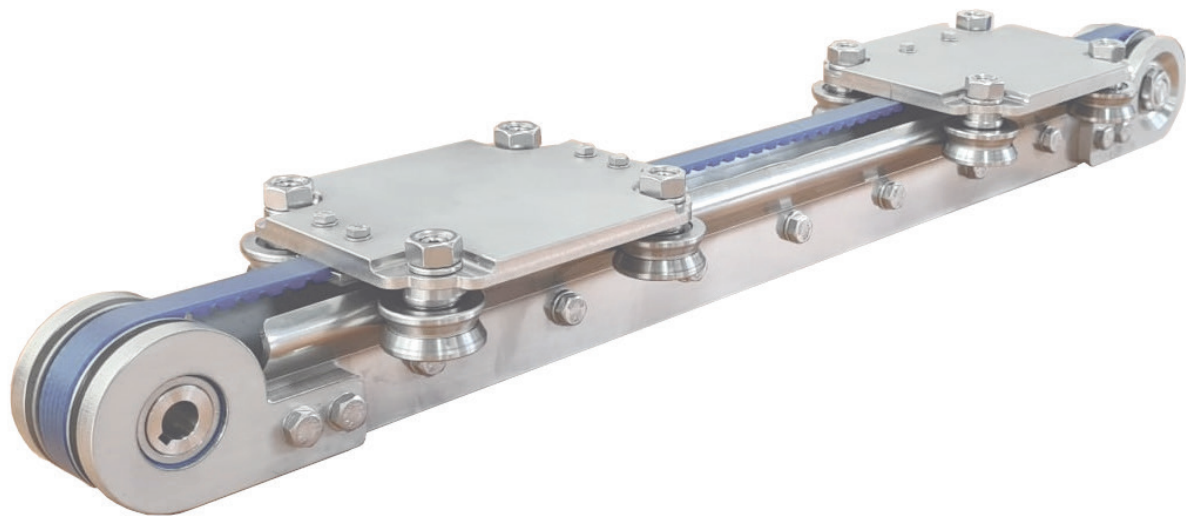
DIMENSIONS LTi45-TRB-C45



DIMENSIONS LTi45-TRB-S20I / S20I-D



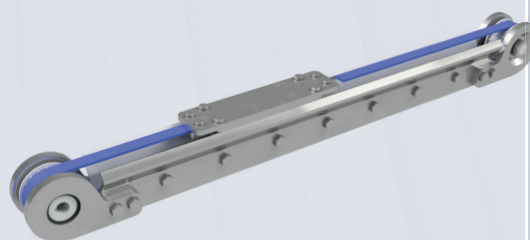
LTi60 SERIES



ALMOTION®

LTi60 SERIES

Robust linear units with
wheel guide in stainless steel
Hygienic design



- Open design, the width of the profile is 55 mm
- Guide system of hardened wheels
- Toothed belt type AT10, in FDA blue version
- Easy to clean
- C45 guide wheel system is very resistant to pollution
- All components in inox mate

TECHNICAL DATA

LTi60-TRB-C45

Maximum stroke*	mm	2.300
Maximum speed	mm/s	1.500
Maximum acceleration	m/s ²	30
No load torque	Nm	0,2
Repeatability	mm	± 0,1
Movement per revolution	mm	200

* longer lengths on request

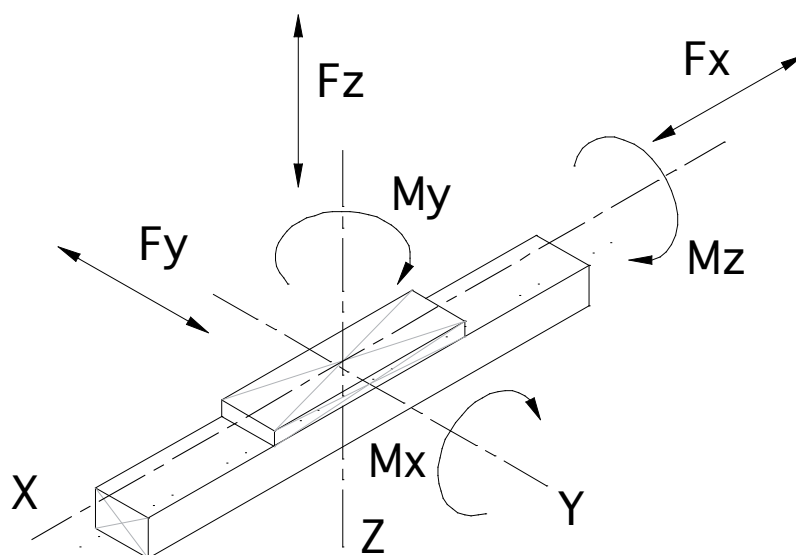
LTi60 SERIES

TECHNICAL DATA

LOAD CAPACITY

LTi60-TRB-C45

Mx	Nm	80
My	Nm	120
Mz	Nm	8
Fx	N	2.100
Fy	N	1.600
Fz	N	860



WEIGHTS (KG)

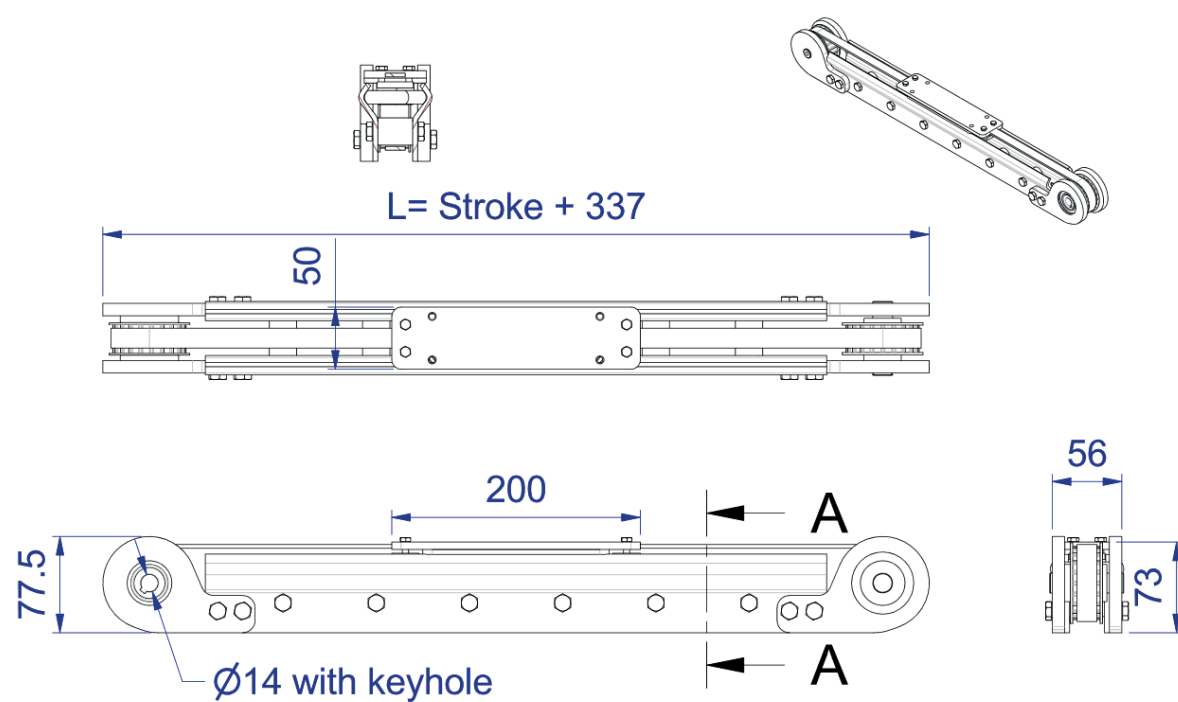
LTi60-TRB-C45

Unit weight 0 mm stroke	5,00
Weight per 100 mm stroke	0,40
Mass of carriage	0,70

LTi60 SERIES

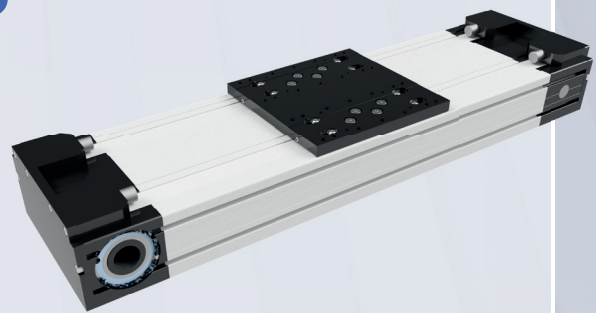
DIMENSIONS

DIMENSIONS LTi60-TRB-C45



LTY200 SERIES

Linear units with toothed belt drive
and double rail guide system



- Extrusion profile 80 x 200 mm
- Rail Guide system size -20- with 4 LM blocks
- Very heavy load capacity
- Double Toothed belt type AT10, 32mm wide

TECHNICAL DATA

LTY200

Maximum stroke length	mm	5.500
Maximum speed	mm/s	3.000
Maximum acceleration	m/s ²	30
Max. driving torque	Nm	110
Repeatability	mm	± 0,1
Movement per revolution	mm	200

LTY200 SERIES

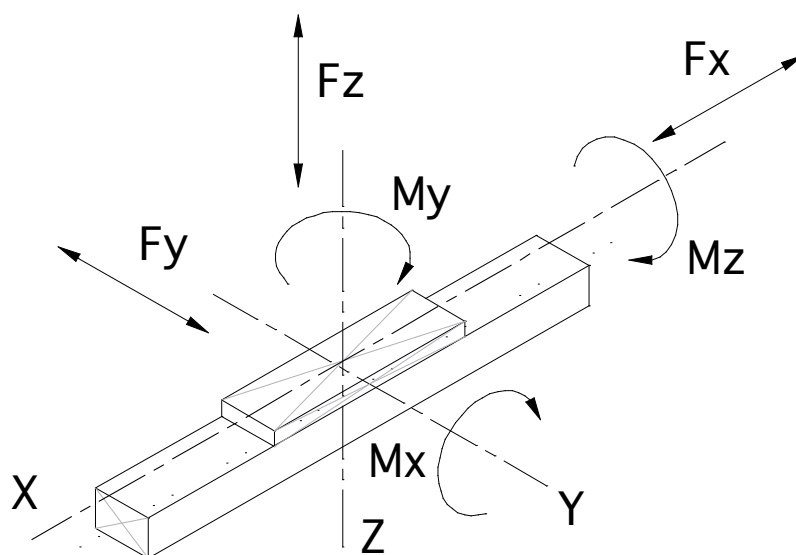
TECHNICAL DATA*

LOAD CAPACITY

LTY200

Mx	Nm	1.600
My	Nm	1.700
Mz	Nm	1.250
Fx	N	5.000
Fy	N	14.800
Fz	N	14.800

*Please ask us for specific calculations of the guide system.



WEIGHTS (KG)

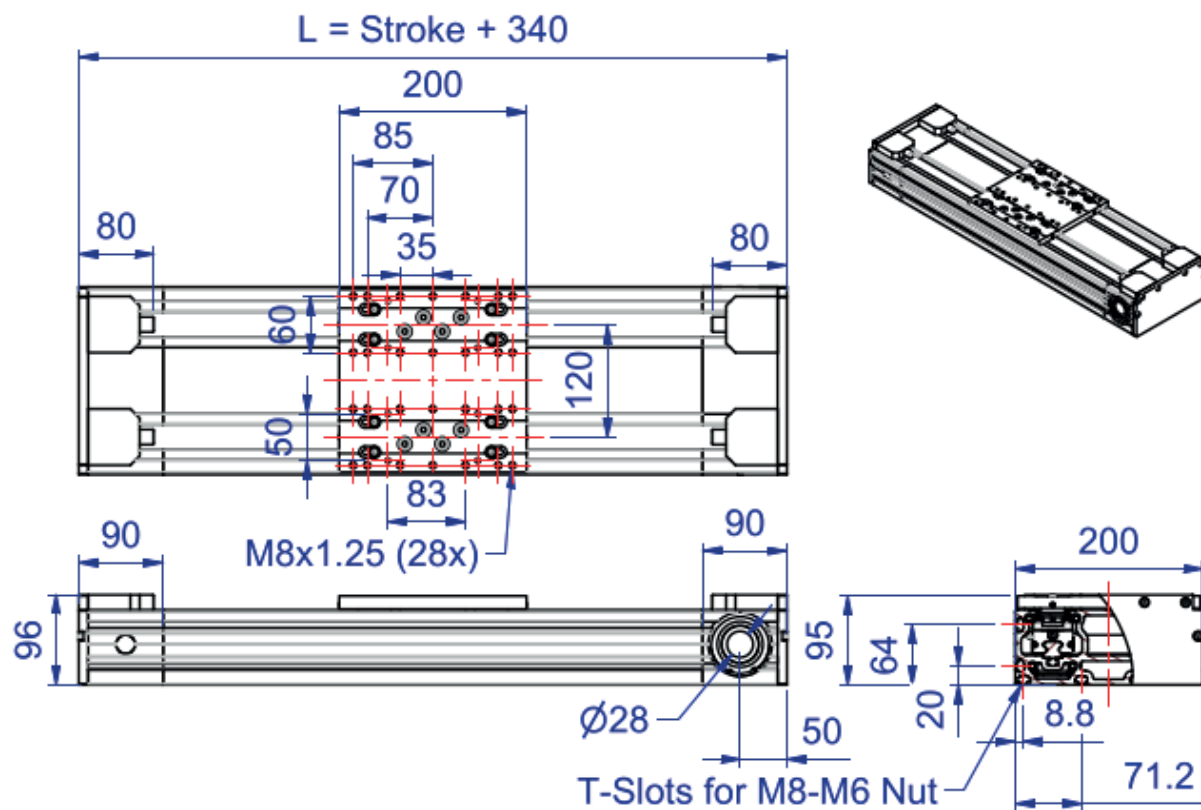
LTY200

Unit weight 0 mm stroke	6,45
Weight per 100 mm stroke	1,05
Mass of carriage	0,90

LTY SERIES

DIMENSIONS

DIMENSIONS LTY200



Worldwide support for linear units.
Please contact us for your local
technical assistant.

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04-2023DRU

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