

Linear Modules - CLSM



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Ordering key.....22

The heritage of innovation

Ewellix is a global innovator and manufacturer of linear motion and actuation solutions. Today, our state-of-the-art linear solutions are designed to increase machine performance, maximise uptime, reduce maintenance, improve safety and save energy.

Technology leadership

Our journey began **over 50 years** ago as part of the SKF Group, and our history with SKF provided us with the **expertise to continuously develop new technologies** and use them to create cutting edge products that offer our customers a competitive advantage.

In 2019, we became independent from SKF and changed our name to Ewellix. We are proud of our heritage. This gives us a unique foundation on which to build an agile business with engineering excellence and innovation as our core strengths.

Global presence and local support

With our **global** presence, we are uniquely positioned to deliver **standard components and custom-engineered solutions**, with full technical and applications support around the world. Long standing relationships with our distributor partners allow us to support customers in a variety of different industries. At Ewellix, we don't just provide products; **we engineer integrated solutions** that help customers realise their ambitions.



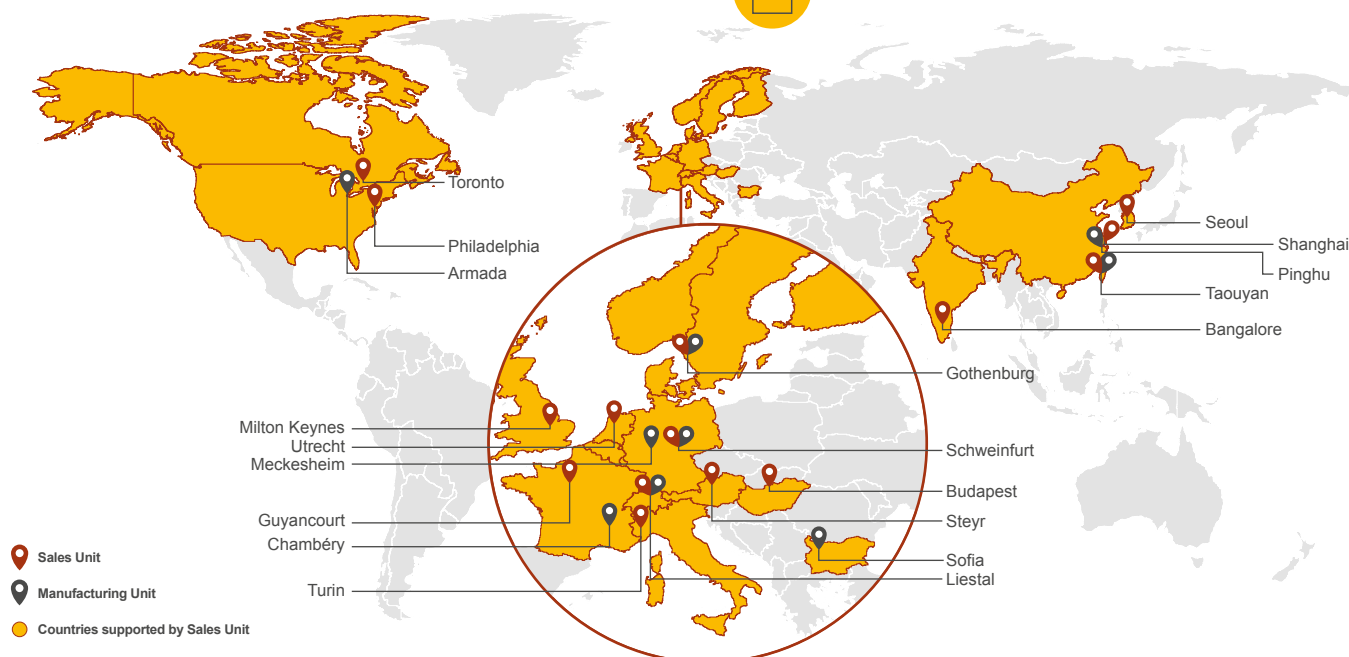
1 200 employees



16 sales units



10 factories



Trusted engineering expertise

Our industry is in motion; pushing towards solutions that reduce environmental impact and leverage new technology. We provide technical and manufacturing expertise to overcome our customers' challenges.

Engineering for the future

We work in a **wide range of industries**, where our solutions provide key functionality for business critical applications.

For the **medical industry**, we provide precision components for use in core medical equipment.

Our unparalleled understanding of **industrial automation** systems is based on decades of research into advanced automation components and techniques.

Our deep knowledge of **mobile machinery** provides powerful and reliable electromechanical solutions for the harshest conditions. In an **industrial distribution** setting, we supply linear expertise to our partners, empowering them to serve customers with greater efficiency.

We offer excellence

We have a **unique understanding of linear equipment** and how it's integrated in customers' applications to provide the best performance and machine efficiency.

We assist our customers by creating equipment that runs faster, longer and safer and that is sustainable.

We provide a wide variety of **linear motion components** and electromechanical actuators for equipping any automation application, helping our customers **reduce its footprint, energy use and maintenance**.

We push for lower energy consumption that **increases productivity and reduces the environmental impact**.

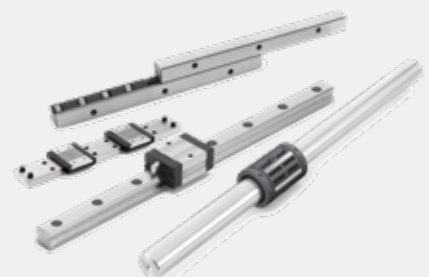
Actuation systems



Linear guides and systems



Ball and roller screws



1

Product range



Product description

Ewellix linear modules are designed for automation and automotive applications.

They are equipped with a pair of profile rail guides, each with 2 carriages and are designed for maximum rigidity and stability.

In our linear modules are available a wide selection of ball or lead screws, linear motors and belt drives to ensures high levels of speed and positioning accuracy.

The cover is available in aluminum, polyurethane, stainless steel or steel.

Features

- Compact design with ball or lead screw
- Aluminum or steel as the base material option
- External mechanical brake option (CLSM 92)
- Inline and parallel(belt) gear boxes
- Customized motor adapter
- Different cover option for most applications

Benefits

- Heavy load carrying capabilities and long service life
- Precision alignment and secure clamping
- Easy maintenance through outside lubrication port as option
- High level of accuracy and repeatability
- Fits most brushless DC motors and servomotors

Product range



CLSM-92
Linear module
Lead screw or Ball screw
Stainless steel cover



CLSM-150-B...S
Linear module
Ball screw
Steel cover



CLSM-150-B...A
Linear module
Ball screw
Aluminum cover



CLSM-150-P...A
Linear module
Belt
Aluminum cover



CLSM-150-B...P
Linear module
Ball screw
PU strip cover



CLSM-150-L...A
Linear module
Linear motor
Aluminum cover

Performance overview of linear modules - Lead & Ball screw

Designation	Symbol	Unit	CLSM-92-T	CLSM-92-B	CLSM-150-B...A	CLSM-150-B...P	CLSM-150-B...S
Performance Data							
Max. dynamic load capacity	$C_{\max}$	N	9 500	9 500	21 000	21 000	21 000
Max. static load capacity	$C_{0\max}$	N	13 300	13 300	49 100	49 100	49 100
Max. dynamic moments M_x	$M_{xc\max}$	Nm	750	750	2 400	2 200	2 400
Max. dynamic moments M_z	$M_{zc\max}$	Nm	690	690	1 800	1 500	1 800
Mechanical Data							
Profile rail guide	–	–	Size 15	Size 15	Size 20	Size 20	Size 20
Drive type	–	–	Lead screw	Ball screw	Ball screw	Ball screw	Ball screw
Stroke	s	mm	50...800	50...800	50...1 800	50...1 800	50...1 800
Repeatability (same direction and load)	–	mm	± 0,07	± 0,01	± 0,01	± 0,01	± 0,01
Base option	–	–	Steel or Aluminum	Steel or Aluminum	Aluminum profile	Aluminum profile	Aluminum profile
Cover option	–	–	Stainless steel	Stainless steel	Aluminum profile	PU strip	Steel

Performance overview of linear module - Belt

Designation	Symbol	Unit	CLSM-150-P...A
Performance Data			
Max. belt tension	–	N	960
Max. belt thrust	–	N	4 500
Max. dynamic moments M_x	$M_{xc\max}$	Nm	2 400
Max. dynamic moments M_z	$M_{zc\max}$	Nm	1 800
Mechanical Data			
Profile rail guide	–	–	Size 20
Drive type	–	–	Timing belt
Stroke	s	mm	50...3 000
Repeatability (same direction and load)	–	mm	± 0,08
Base option	–	–	Aluminum profile
Cover option	–	–	Aluminum profile

Performance overview of linear module - Linear motor

Designation	Symbol	Unit	CLSM-150-L...A
Performance Data			
Linear motor force	$F_{\max}$	N	220
Load capacity (can be changed by acc.)	m	kg	20 (0,5G)
Straightness	–	um/mm	±10/300
Flatness	–	um/mm	±10/300
Mechanical Data			
Profile rail guide	–	–	Size 15
Drive type	–	–	Linear motor
Stroke	s	mm	50...3 000
Repeatability (same direction and load)	–	mm	± 0,001
Base option	–	–	Aluminum profile
Cover option	–	–	Aluminum profile

CLSM-92-T

Linear module

Lead screw, Stainless steel cover

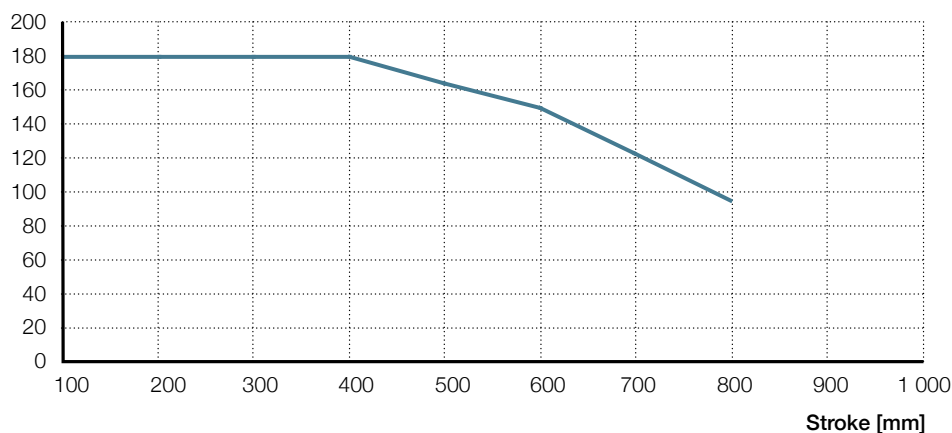


Technical data

Designation	Symbol	Unit	CLSM-92-T
Performance Data			
Max. dynamic load capacity	C_{max}	N	9 500
Max. static load capacity	C_{0max}	N	13 300
Max. dynamic moments Mx	$M_{xc_{max}}$	Nm	750
Max. dynamic moments Mz	$M_{zc_{max}}$	Nm	690
Max. input torque	T_{max}	Nm	9
Max. linear speed	V_{max}	mm/s	180
Max. rotational speed	n_{max}	1/min	1,270 (PV=0.1)
Max. acceleration	a_{max}	m/s ²	1
Duty cycle	D_{unit}	%	60
Mechanical Data			
Profile rail guide	—	—	Size 15
Screw type	—	—	Lead screw
Screw diameter	d_{screw}	mm	14
Screw lead	P_{screw}	mm	3
Lead accuracy	—	—	N/A
Stroke	s	mm	50...800
Repeatability(same direction and load)	—	mm	± 0,07
Weight @ 0 mm stroke-Aluminum base	m_{lu}	kg	4,7
Δ weight per 100 mm stroke-Aluminum base	Δm	kg	0,8
Weight @ 0 mm stroke-Steel base	m_{lu}	kg	5,1
Δ weight per 100 mm stroke-Steel base	Δm	kg	1,2
Base option	—	—	Steel or Aluminum
Cover option	—	—	Stainless steel
Environment			
Ambient temperature	$T_{ambient}$	°C	0 to +50
Max. humidity	ϕ	%	95

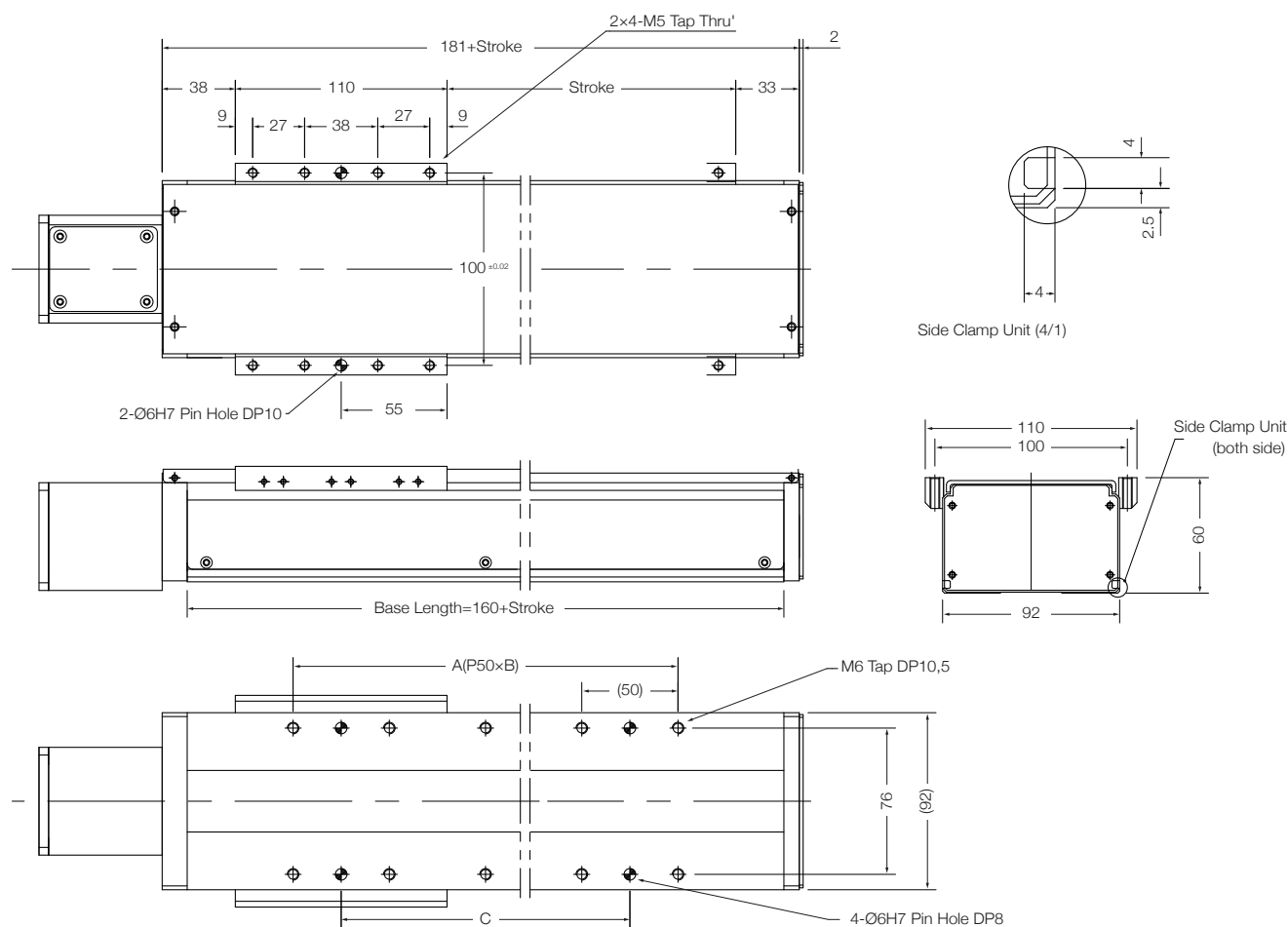
Performance diagrams

Linear speed [mm/s]



— CLSM-92-T03

Dimensional drawing



No	Stroke mm	A	B	C
1	50	100	2	50
2	100	200	4	150
3	150	200	4	150
4	200	300	6	250
5	250	300	6	250
6	300	400	8	350
7	350	400	8	350
8	400	500	10	450
9	450	500	10	450
10	500	600	12	550
11	550	600	12	550
12	600	700	14	650
13	650	700	14	650
14	700	800	16	750
15	750	800	16	750
16	800	900	18	850

Ordering key

See page 22

CLSM-92-B

Linear module

Ball screw, Stainless steel cover

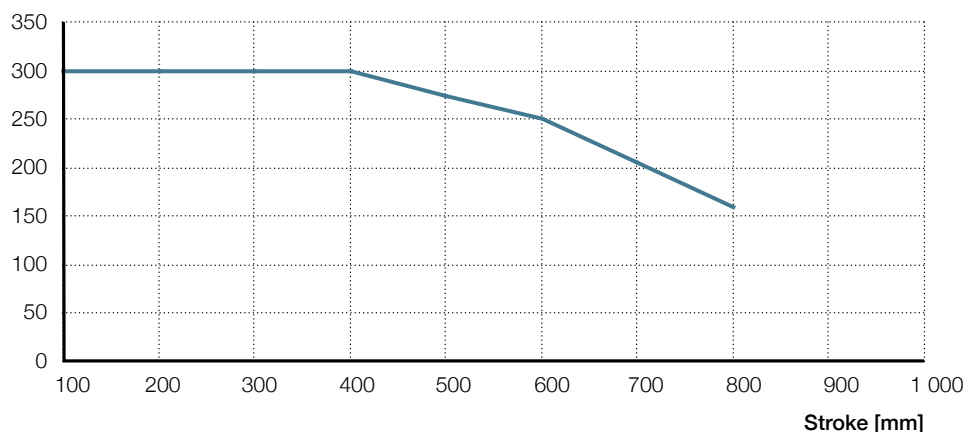


Technical data

Designation	Symbol	Unit	CLSM-92-B
Performance Data			
Max. dynamic load capacity	C_{max}	N	9 500
Max. static load capacity	C_{0max}	N	13 300
Max. dynamic moments Mx	$M_{xc_{max}}$	Nm	750
Max. dynamic moments Mz	$M_{zc_{max}}$	Nm	690
Max. input torque	T_{max}	Nm	3
Max. linear speed	V_{max}	mm/s	300
Max. rotational speed	n_{max}	1/min	3 600
Max. acceleration	a_{max}	m/s ²	6
Duty cycle	D_{unit}	%	100
Mechanical Data			
Profile rail guide	—	—	Size 15
Screw type	—	—	Ball screw
Screw diameter	d_{screw}	mm	12
Screw lead	P_{screw}	mm	5
Lead accuracy	—	—	G7
Stroke	s	mm	50...800
Repeatability(same direction and load)	—	mm	± 0,01
Weight @ 0 mm stroke-Aluminum base	m_{lu}	kg	4,7
Δ weight per 100 mm stroke-Aluminum base	Δm	kg	0,8
Weight @ 0 mm stroke-Steel base	m_{lu}	kg	5,1
Δ weight per 100 mm stroke-Steel base	Δm	kg	1,2
Base option	—	—	Steel or Aluminum
Cover option	—	—	Stainless steel
Environment			
Ambient temperature	$T_{ambient}$	°C	0 to +50
Max. humidity	ϕ	%	95

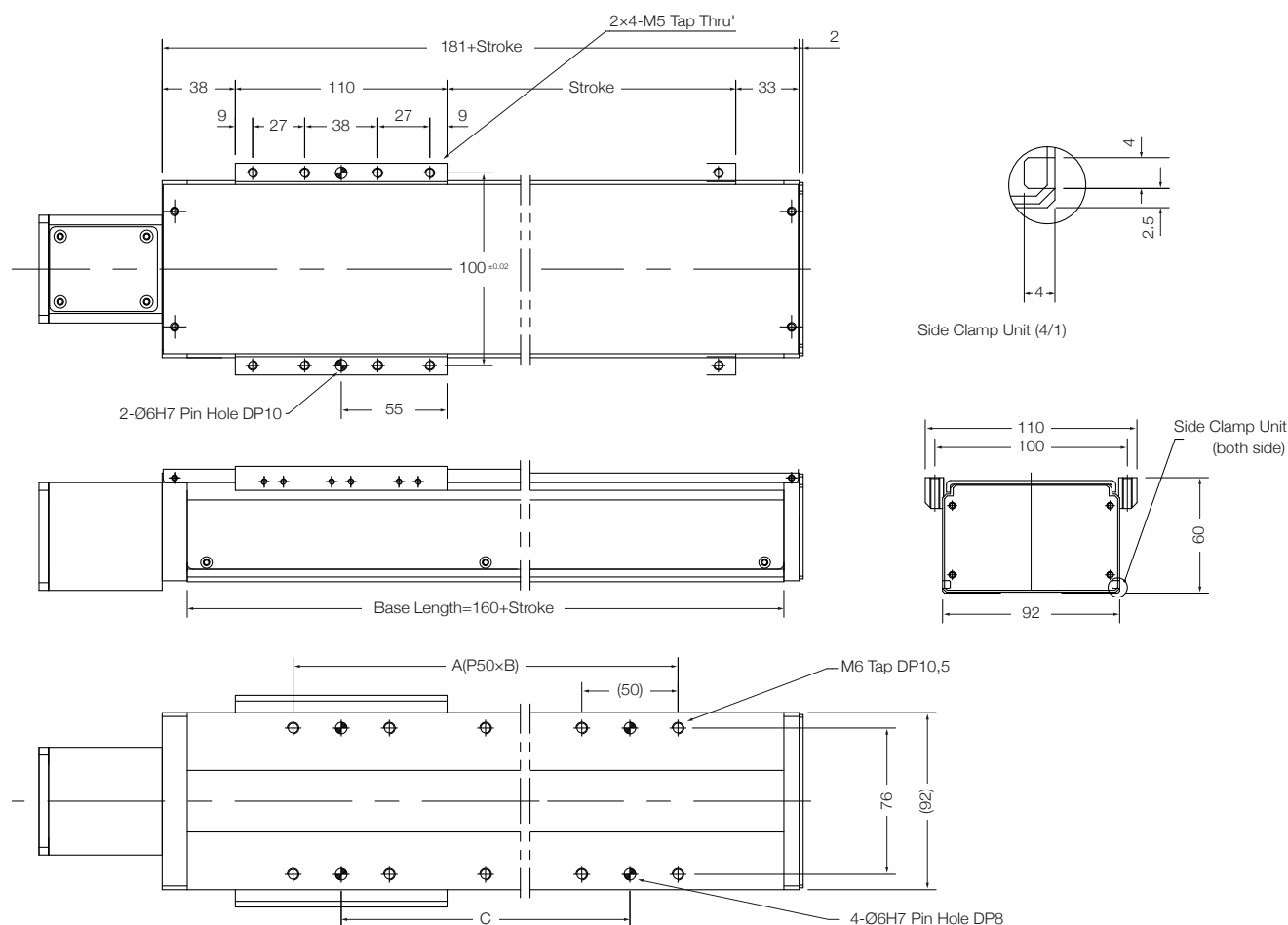
Performance diagrams

Linear speed [mm/s]



— CLSM-92-B05

Dimensional drawing



No	Stroke mm	A	B	C
1	50	100	2	50
2	100	200	4	150
3	150	200	4	150
4	200	300	6	250
5	250	300	6	250
6	300	400	8	350
7	350	400	8	350
8	400	500	10	450
9	450	500	10	450
10	500	600	12	550
11	550	600	12	550
12	600	700	14	650
13	650	700	14	650
14	700	800	16	750
15	750	800	16	750
16	800	900	18	850

Ordering key

See page 22

CLSM-150-B...A

Linear module

Ball screw, Aluminum cover

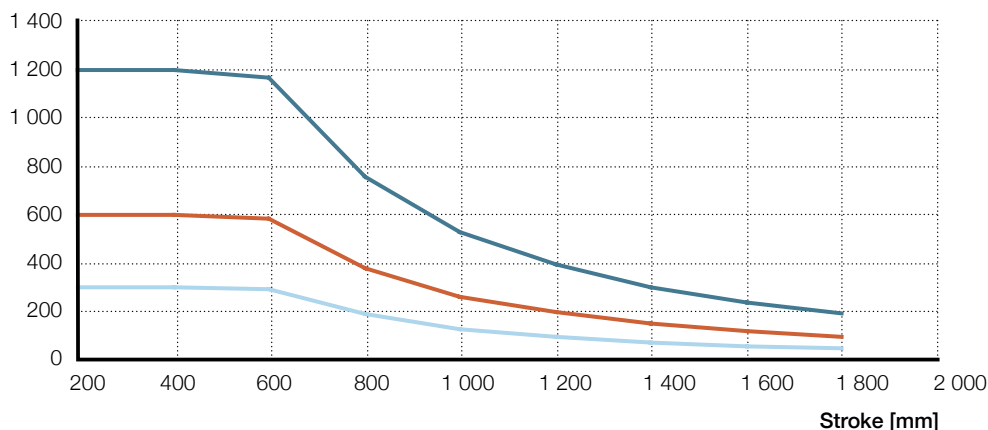


Technical data

Designation	Symbol	Unit	CLSM-150-B...A
Performance Data			
Max. dynamic load capacity	C_{max}	N	21 000
Max. static load capacity	C_{0max}	N	49 100
Max. dynamic moments M_x	$M_{xc_{max}}$	Nm	2 400
Max. dynamic moments M_z	$M_{zc_{max}}$	Nm	1 800
Max. input torque	T_{max}	Nm	10
Max. linear speed	V_{max}	mm/s	1 200
Max. rotational speed	n_{max}	1/min	3 600
Max. acceleration	a_{max}	m/s ²	10
Duty cycle	D_{unit}	%	100
Mechanical Data			
Profile rail guide	—	—	Size 20
Screw type	—	—	Ball screw
Screw diameter	d_{screw}	mm	20
Screw lead	P_{screw}	mm	05 or 10 or 20
Lead accuracy	—	—	G7
Stroke	s	mm	50...1 800
Repeatability(same direction and load)	—	mm	± 0,01
Weight @ 0 mm stroke	m_{lu}	kg	10
Δ weight per 100 mm stroke	Δm	kg	1,4
Base option	—	—	Aluminum profile
Cover option	—	—	Aluminum profile
Environment			
Ambient temperature	$T_{ambient}$	°C	0 to +50
Max. humidity	ϕ	%	95

Performance diagrams

Linear speed [mm/s]

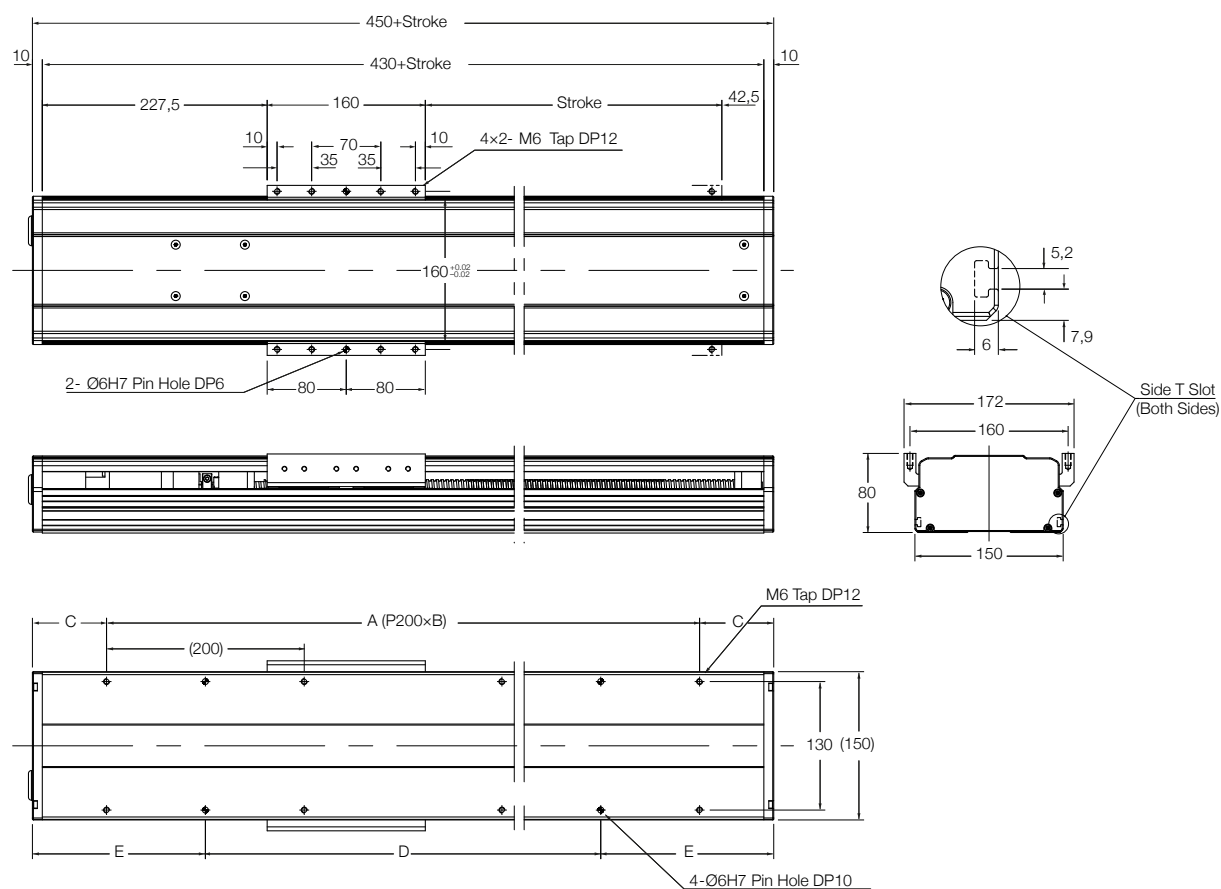


— CLSM-150-B20...A

— CLSM-150-B10...A

— CLSM-150-B05...A

Dimensional drawing



No	Stroke mm	A	B	C	D	E
1	100	400	2	75	200	175
2	200	600	3	25	400	125
3	300	600	3	75	400	175
4	400	800	4	25	600	125
5	500	800	4	75	600	175
6	600	1 000	5	25	800	125
7	700	1 000	5	75	800	175
8	800	1 200	6	25	1 000	125
9	900	1 200	6	75	1 000	175
10	1 000	1 400	7	25	1 200	125
11	1 100	1 400	7	75	1 200	175
12	1 200	1 600	8	25	1 400	125
13	1 300	1 600	8	75	1 400	175
14	1 400	1 800	9	25	1 600	125
15	1 500	1 800	9	75	1 600	175
16	1 600	2 000	10	25	1 800	125
17	1 700	2 000	10	75	1 800	175
18	1 800	2 200	11	25	2 000	125

Ordering key

See page 22

CLSM-150-B...P

Linear module

Ball screw, PU strip cover

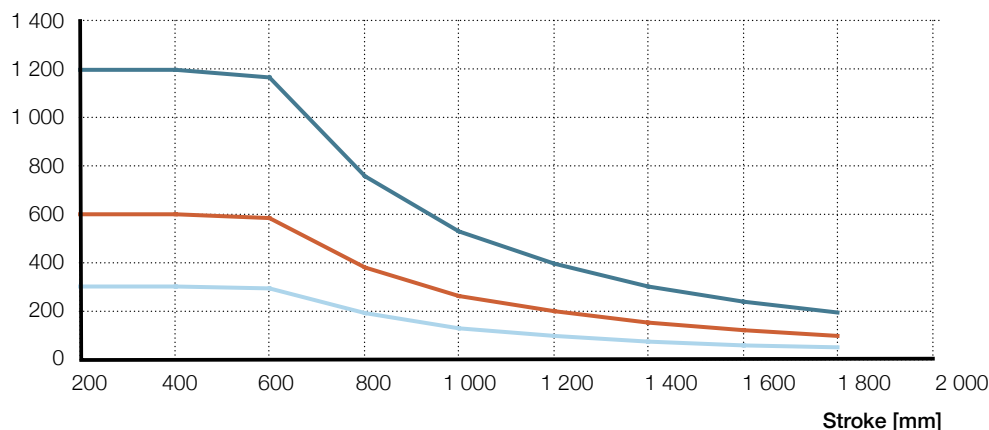


Technical data

Designation	Symbol	Unit	CLSM-150-B...P
Performance Data			
Max. dynamic load capacity	C_{max}	N	21 000
Max. static load capacity	C_{0max}	N	49 100
Max. dynamic moments M_x	$M_{xc_{max}}$	Nm	2 200
Max. dynamic moments M_z	$M_{zc_{max}}$	Nm	1 500
Max. input torque	T_{max}	Nm	10
Max. linear speed	V_{max}	mm/s	1 200
Max. rotational speed	n_{max}	1/min	3 600
Max. acceleration	a_{max}	m/s ²	10
Duty cycle	D_{unit}	%	100
Mechanical Data			
Profile rail guide	—	—	Size 20
Screw type	—	—	Ball screw
Screw diameter	d_{screw}	mm	20
Screw lead	P_{screw}	mm	05 or 10 or 20
Lead accuracy	—	—	G7
Stroke	s	mm	50...1 800
Repeatability(same direction and load)	—	mm	± 0,01
Weight @ 0 mm stroke	m_{lu}	kg	9
Δ weight per 100 mm stroke	Δm	kg	1,3
Base option	—	—	Aluminum profile
Cover option	—	—	PU strip
Environment			
Ambient temperature	$T_{ambient}$	°C	0 to +50
Max. humidity	ϕ	%	95

Performance diagrams

Linear speed [mm/s]

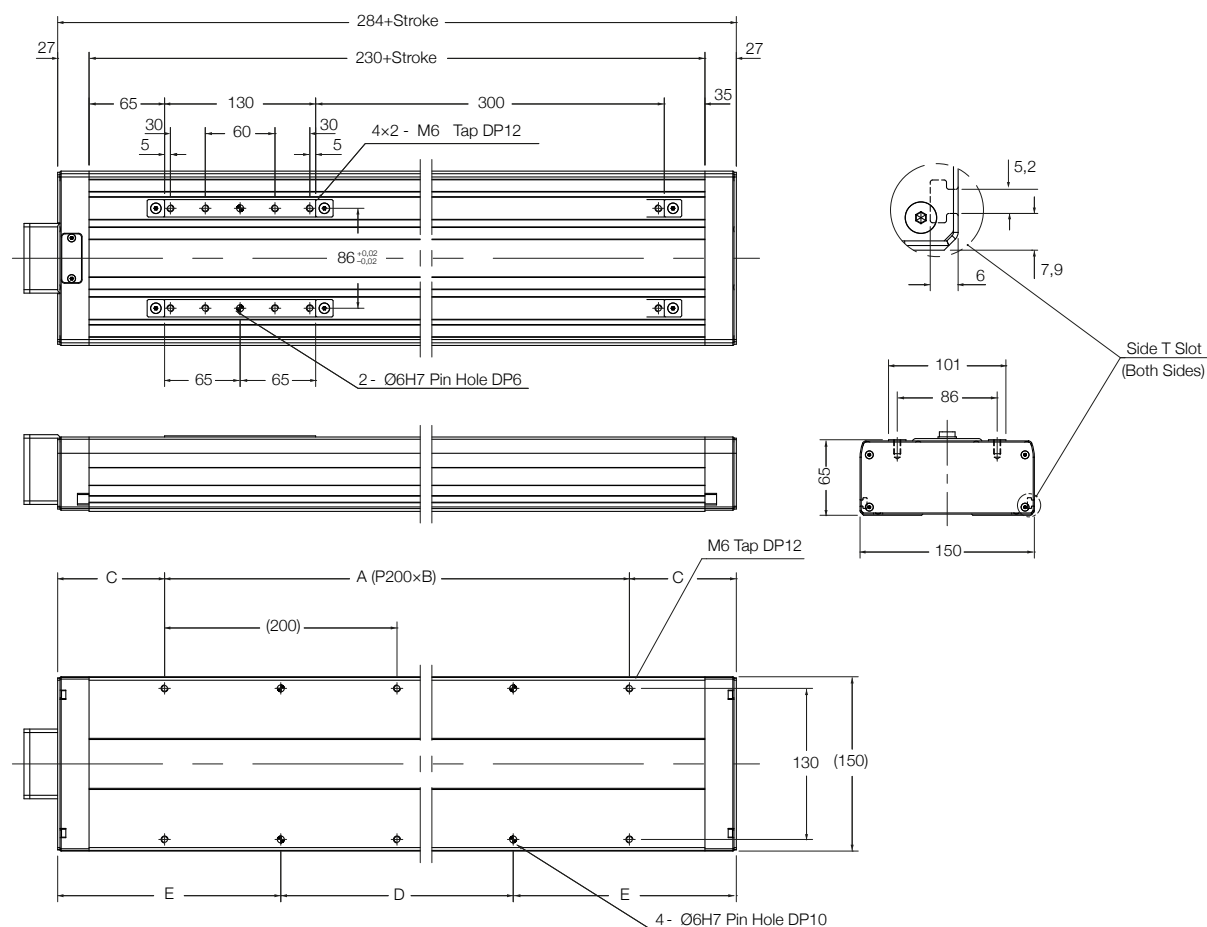


CLSM-150-B20...P

CLSM-150-B10...P

CLSM-150-B05...P

Dimensional drawing



No	Stroke mm	A	B	C	D	E
1	100	200	1	92	100	142
2	200	400	2	42	200	142
3	300	400	2	92	200	192
4	400	600	3	42	400	142
5	500	600	3	92	400	192
6	600	800	4	42	600	142
7	700	800	4	92	600	192
8	800	1 000	5	42	800	142
9	900	1 000	5	92	800	192
10	1 000	1 200	6	42	1 000	142
11	1 100	1 200	6	92	1 000	192
12	1 200	1 400	7	42	1 200	142
13	1 300	1 400	7	92	1 200	192
14	1 400	1 600	8	42	1 400	142
15	1 500	1 600	8	92	1 400	192
16	1 600	1 800	9	42	1 600	142
17	1 700	1 800	9	92	1 600	192
18	1 800	2 000	10	42	1 800	142

Ordering key

See page 22

CLSM-150-B...S

Linear module
Ball screw, Steel cover

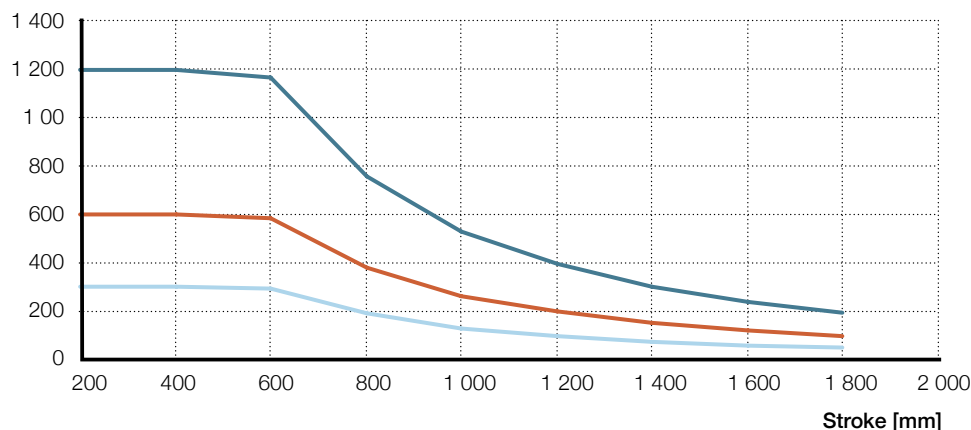


Technical data

Designation	Symbol	Unit	CLSM-150-B...S
Performance Data			
Max. dynamic load capacity	C_{max}	N	21 000
Max. static load capacity	C_{0max}	N	49 100
Max. dynamic moments M_x	$M_{xc_{max}}$	Nm	2 400
Max. dynamic moments M_z	$M_{zc_{max}}$	Nm	1 800
Max. input torque	T_{max}	Nm	10
Max. linear speed	V_{max}	mm/s	1 200
Max. rotational speed	n_{max}	1/min	3 600
Max. acceleration	a_{max}	m/s ²	10
Duty cycle	D_{unit}	%	100
Mechanical Data			
Profile rail guide	—	—	Size 20
Screw type	—	—	Ball screw
Screw diameter	d_{screw}	mm	20
Screw lead	P_{screw}	mm	05 or 10 or 20
Lead accuracy	—	—	G7
Stroke	s	mm	50...1 800
Repeatability(same direction and load)	—	mm	± 0,01
Weight @ 0 mm stroke	m_{lu}	kg	11
Δ weight per 100 mm stroke	Δm	kg	1,5
Base option	—	—	Aluminum profile
Cover option	—	—	Steel
Environment			
Ambient temperature	$T_{ambient}$	°C	0 to +50
Max. humidity	ϕ	%	95

Performance diagrams

Linear speed [mm/s]

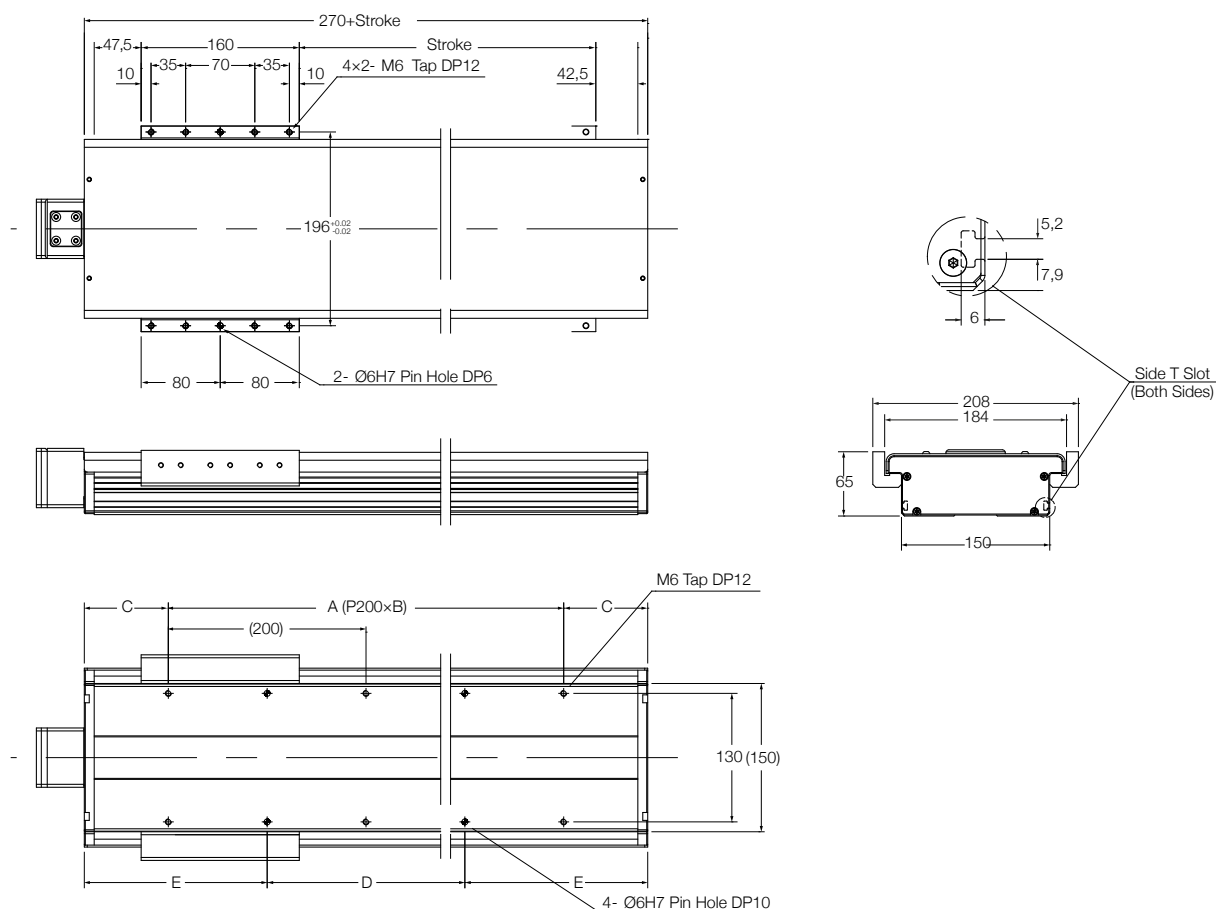


CLSM-150-B20...S

CLSM-150-B10...S

CLSM-150-B05...S

Dimensional drawing



No	Stroke (mm)	A	B	C (mm)	D (mm)	E (mm)
1	100	200	1	85	100	135
2	200	400	1	35	200	135
3	300	400	2	85	200	185
4	400	600	3	35	400	135
5	500	600	3	85	400	185
6	600	800	4	35	600	135
7	700	800	4	85	600	185
8	800	1 000	5	35	800	135
9	900	1 000	5	85	800	185
10	1 000	1 200	6	35	1 000	135
11	1 100	1 200	6	85	1 000	185
12	1 200	1 400	7	35	1 200	135
13	1 300	1 400	7	85	1 200	185
14	1 400	1 600	8	35	1 400	135
15	1 500	1 600	8	85	1 400	185
16	1 600	1 800	9	35	1 600	135
17	1 700	1 800	9	85	1 600	185
18	1 800	2 000	10	35	1 800	135

Ordering key

See page 22

CLSM-150-P...A

Linear module
Belt, Aluminum cover

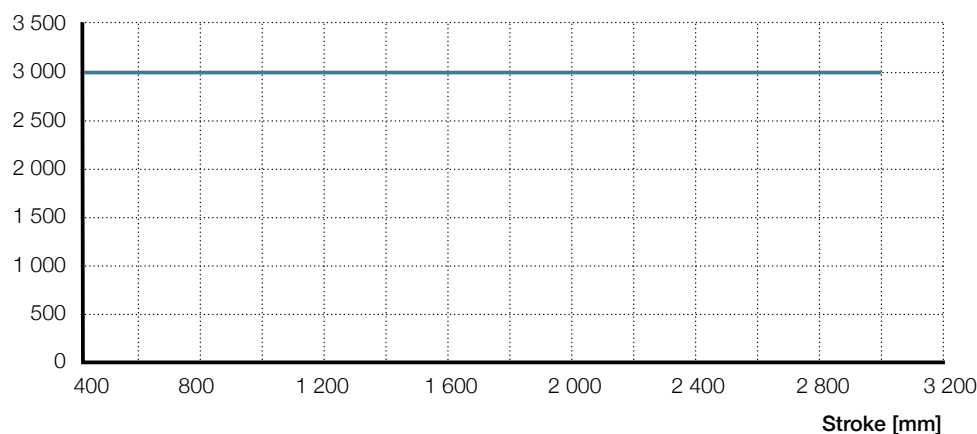


Technical data

Designation	Symbol	Unit	CLSM-150-P...A
Performance Data			
Max. belt tension	–	N	960
Max. belt thrust	–	N	4 500
Max. dynamic moments M _x	M _{xc} _{max}	Nm	2 400
Max. dynamic moments M _z	M _{zc} _{max}	Nm	1 800
Max. linear speed	v _{max}	mm/s	3 000
Max. rotational speed	n _{max}	1/min	3 500
Max. acceleration	a _{max}	m/s ²	5
Duty cycle	D _{unit}	%	100
Mechanical Data			
Profile rail guide	–	–	Size 20
Belt type	–	–	Timing belt
Pulley (Pitch/Width)	–	mm	10/40
Stroke	s	mm	50...3 000
Repeatability(same direction and load)	–	mm	± 0,08
Weight @ 0 mm stroke	m _{lu}	kg	10
Δ weight per 100 mm stroke	Δm	kg	1,2
Base option	–	–	Aluminum profile
Cover option	–	–	Aluminum profile
Environment			
Ambient temperature	T _{ambient}	°C	0 to +50
Max. humidity	φ	%	95

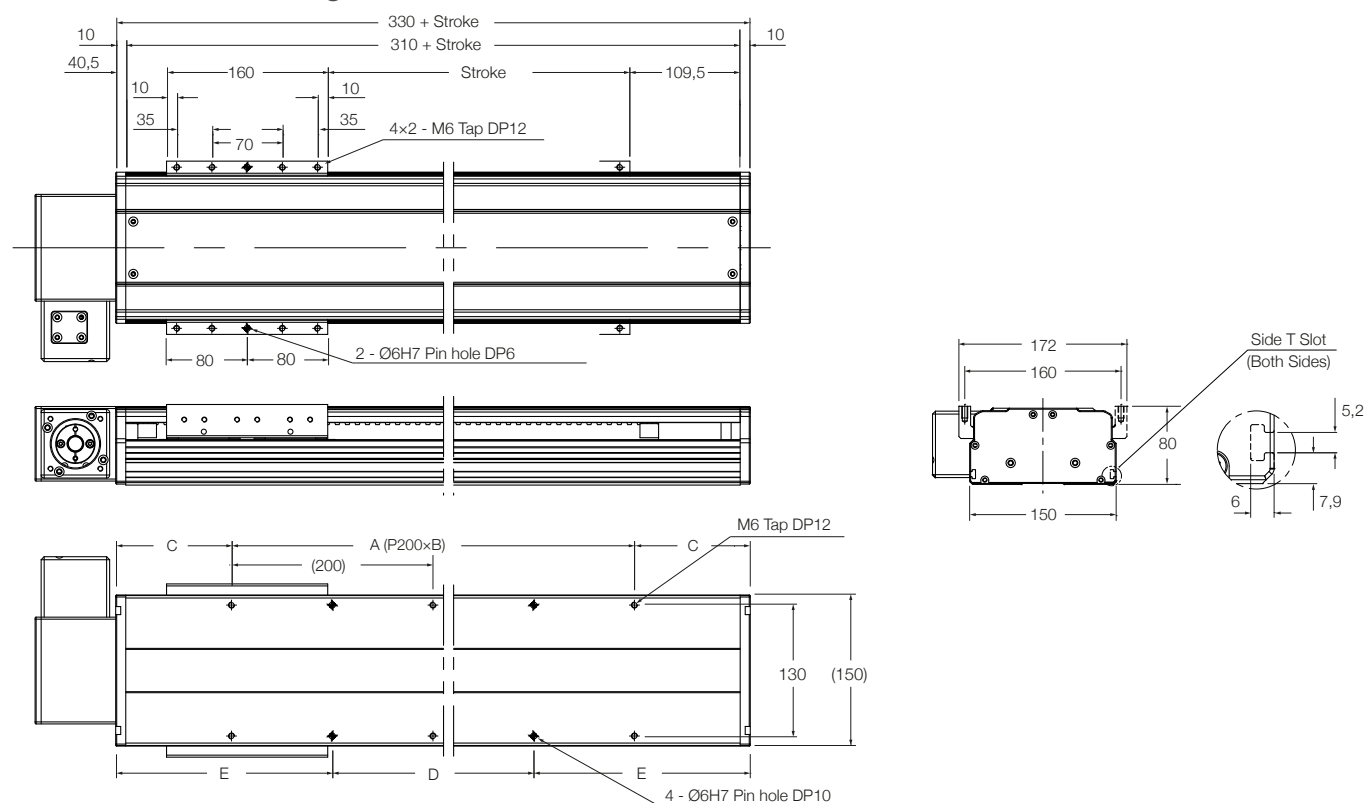
Performance diagrams

Linear speed [mm/s]



— CLSM-150-P40...A

Dimensional drawing



No	Stroke mm	A	B	C	D	E
1	100	200	1	115	100	165
2	200	400	2	65	200	165
3	300	400	2	115	200	215
4	400	600	3	65	400	165
5	500	600	3	115	400	215
6	600	800	4	65	600	165
7	700	800	4	115	600	215
8	800	1 000	5	65	800	165
9	900	1 000	5	115	800	215
10	1 000	1 200	6	65	1 000	165
11	1 100	1 200	6	115	1 000	215
12	1 200	1 400	7	65	1 200	165
13	1 300	1 400	7	115	1 200	215
14	1 400	1 600	8	65	1 400	165
15	1 500	1 600	8	115	1 400	215
16	1 600	1 800	9	65	1 600	165
17	1 700	1 800	9	115	1 600	215
18	1 800	2 000	10	65	1 800	165
19	1 900	2 000	10	115	1 800	215
20	2 000	2 200	11	65	2 000	165
21	2 100	2 200	11	115	2 000	215
22	2 200	2 400	12	65	2 200	165
23	2 300	2 400	12	115	2 200	215
24	2 400	2 600	13	65	2 400	165
25	2 500	2 600	13	115	2 400	215
26	2 600	2 800	14	65	2 600	165
27	2 700	2 800	14	115	2 600	215
28	2 800	3 000	15	65	2 800	165
29	2 900	3 000	15	115	2 800	215
30	3 000	3 200	16	65	3 000	165

Ordering key

See page 22

CLSM-150-L...A

Linear module

Linear motor, Aluminum cover

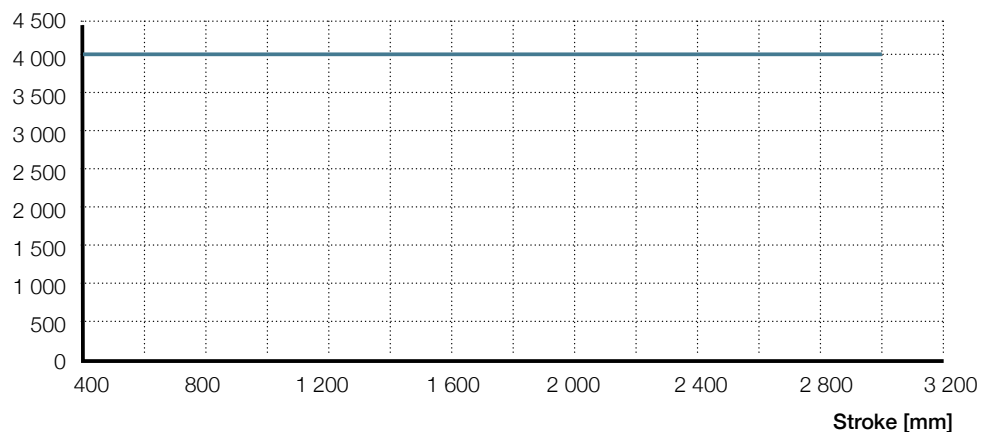


Technical data

Designation	Symbol	Unit	CLSM-150-L...A
Performance Data			
Max. linear motor force	F_{Lmax}	N	220
Load capacity (can be changed by acc.)	m	kg	20 (0,5G)
Linear scale (Grating pitch)	–	um	40
Linear encoder resolution	–	um/ct	1
Straightness	–	um/mm	$\pm 10/300$
Flatness	–	um/mm	$\pm 10/300$
Max. linear speed	V_{max}	m/s	4
Max. acceleration	a_{max}	m/s ²	40
Cleanness	–	class	1 000
Duty cycle	D_{unit}	%	100
Mechanical Data			
Profile rail guide	–	–	Size 15
Linear motor type	–	–	Flat iron core
Linear encoder type	–	–	Optical & Incremental type
Stroke	s	mm	50...3 000
Repeatability(same direction and load)	–	mm	$\pm 0,001$
Weight @ 0 mm stroke	m_{lu}	kg	13,5
Δ weight per 100 mm stroke	Δm	kg	3,2
Base option	–	–	Aluminum profile
Cover option	–	–	Aluminum profile
Environment			
Ambient temperature	$T_{ambient}$	°C	0 to +50
Max. humidity	ϕ	%	95

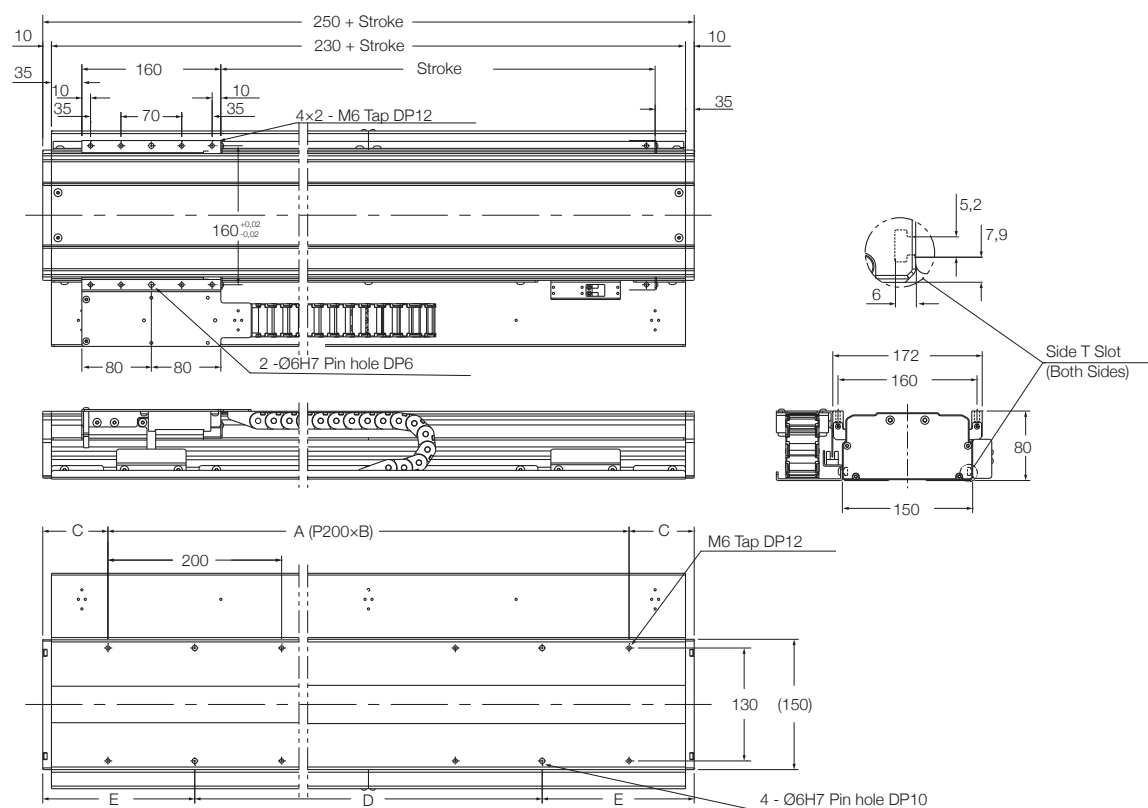
Performance diagrams

Linear speed [mm/s]



— CLSM-150-L22...A

Dimensional drawing



No	Stroke (mm)	A	B	C (mm)	D (mm)	E (mm)
1	100	200	1	75	100	125
2	200	400	2	25	200	125
3	300	400	2	75	200	175
4	400	600	3	25	400	125
5	500	600	3	75	400	175
6	600	800	4	25	600	125
7	700	800	4	75	600	175
8	800	1 000	5	25	800	125
9	900	1 000	5	75	800	175
10	1 000	1 200	6	25	1 000	125
11	1 100	1 200	6	75	1 000	175
12	1 200	1 400	7	25	1 200	125
13	1 300	1 400	7	75	1 200	175
14	1 400	1 600	8	25	1 400	125
15	1 500	1 600	8	75	1 400	175
16	1 600	1 800	9	25	1 600	125
17	1 700	1 800	9	75	1 600	175
18	1 800	2 000	10	25	1 800	125
19	1 900	2 000	10	75	1 800	175
20	2 000	2 200	11	25	2 000	125
21	2 100	2 200	11	75	2 000	175
22	2 200	2 400	12	25	2 200	125
23	2 300	2 400	12	75	2 200	175
24	2 400	2 600	13	25	2 400	125
25	2 500	2 600	13	75	2 400	175
26	2 600	2 800	14	25	2 600	125
27	2 700	2 800	14	75	2 600	175
28	2 800	3 000	15	25	2 800	125
29	2 900	3 000	15	75	2 800	175
30	3 000	3 200	16	25	3 000	125

Ordering key

See page 22

Ordering key

Linear module

C

L

S

M

Type _____

Width _____

Drive _____

Lead(Ball screw / Belt) or Force(Linear motor) _____

Stroke _____

Base _____

Option 1: Motor adaptor _____

Option 2: Brake & U-shape bracket _____

B Ball screw

T Lead screw (Trapezoidal screw or Acme screw) (only for CLSM-92)

P Belt type (only for CLSM-150)

L Linear motor (only for CLSM-150)

03 Lead screw

05 Ball screw

10 Ball screw (only for CLSM-150)

20 Ball screw (only for CLSM-150)

22 Linear motor (only for CLSM-150)

40 Belt (only for CLSM-150)

A Aluminum (only for CLSM-092)

S Steel (only for CLSM-092)

P Aluminum profile (only for CLSM-150)

0 None

A A / Dunker, D/Dyadic, W/Dyadic Water Protection Type, R/Dyadic Water Protection Rotation Type, F/Fastech, Y/Yaskawa, M/Mitsubishi, P/Panasonic, S/Siemens, J/JVL, T/TAMAGAWA, C/Magnetic Coupling, X/etc.

0 None

B Brake (only for CLSM-092)

D U-shape Motor bracket - Down side

U U-shape Motor bracket - Up side

L U-shape Motor bracket - Left side

R U-shape Motor bracket - Right side



Down side



Up side



Left side



Right side

C

L

S

M

-

-

-

0

-

-

-

Option 3: Motor

0None

A A / Dunker, D/Dyadic, W/Dyadic Water Protection Type, R/Dyadic Water Protection Rotation Type, F/Fastech, Y/Yaskawa, M/Mitsubishi, P/Panasonic, S/Siemens, J/JVL, T/TAMAGAWA, C/Magnetic Coupling, X/etc.

Option 4: Cover

0None

A Aluminum profile (only for CLSM-150)

P PU-strip (only for CLSM-150)

S Steel

Option 5: Gear reducer

0None

G Gear reducer (only for CLSM-150-P)

Option 6: Central lubrication

0None

C Central one-port lubrication

Option 7: Limit switch

0None

S Limit switch

Option 8: Cableveyor

0None

C Cableveyor

Option 9: Carriage

0SU type (only for CLSM-92)

U U type (only for CLSM-92)



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PUB NUM IL-06018-EN-September 2020

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