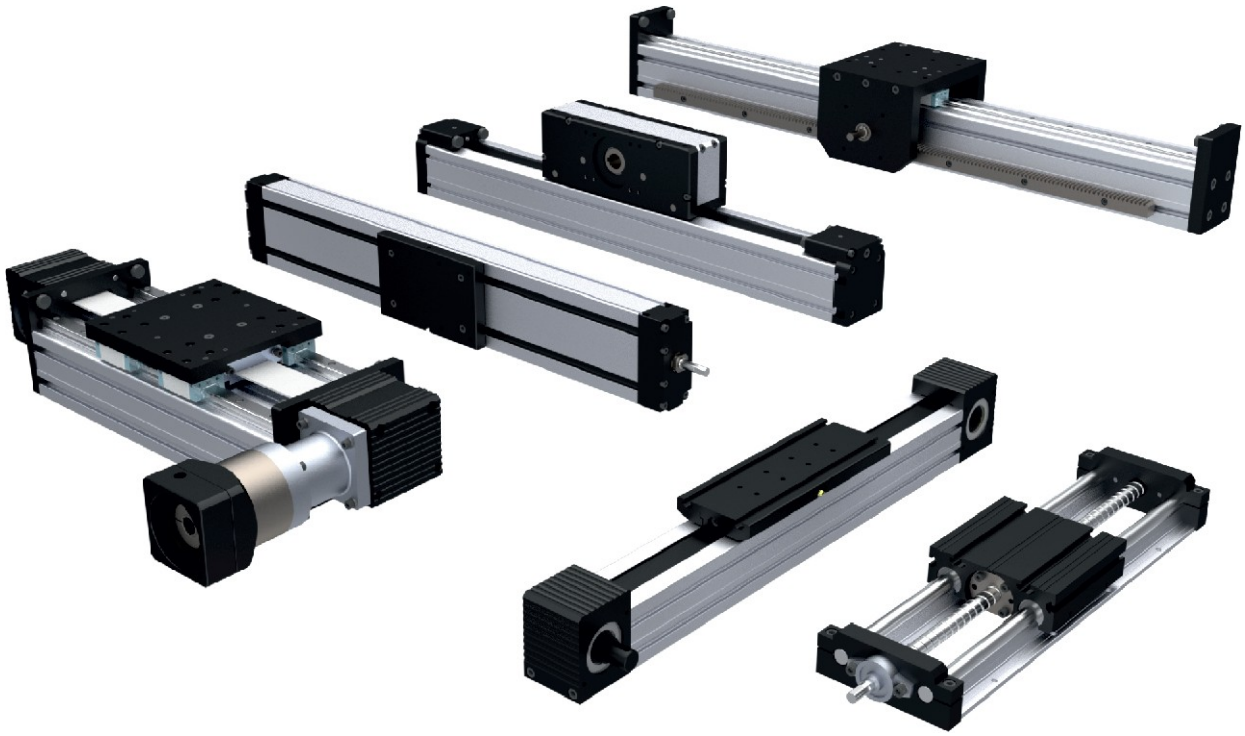
LINEAR MOTION SYSTEMS


Mekatronic


Robotic


Machine



Linear Driven Systems

Axial Movements

Positioning

13 PRODUCT CATALOGUE

www.doguskalip.com.tr

WORLD WIDE DOĞUŞ KALIP

Distributors

LITHUANIA
Uab Elega
+370 5 2715444
+370 5 2715445
lithuania@doguskalip.com.tr
www.elega.lt

GERMANY
Löwen-Mechanik GMBH
+49 30 55126014
+49 178 1632901
germany@doguskalip.com.tr
www.loewen-mechanik.de

RUSSIA
ALTERVIA SAİNT PETERSBURG
+7 812 613 63 12
russia@doguskalip.com.tr
www.alterv.ru

TUNISIA
ALUTEK
+ 216 71 381 457
tunisia@doguskalip.com.tr

BULGARIA
TechnoKom Co Ltd.
+359 32 965 088
+359 32 965 099
bulgaria@doguskalip.com.tr
www.technokom.bg

CZECH REPUBLIC
Logiman S.R.O
+00420 603 230 059
+00420 603 230 059
czechrepublic@doguskalip.com.tr
www.logiman.cz

GREECE
Meimaridis Bros O.E.
+30 23310 23342
+30 23310 67869
greece@doguskalip.com.tr
www.aluminium-Profilee.gr

ROMANIA
Hsed Hardware & Software Electric Design
+40 735 523 381
romania@doguskalip.com.tr
www.hsed.ro

Dealers in Turkey

ANKARA
Sankaya Makina Otomasyon
(0312) 394 42 07
(0312) 394 42 07
ankara@doguskalip.com.tr

ÇERKEZKÖY
Trakya Endüstri
(0282) 726 90 45
(0282) 726 24 02
tekirdag@doguskalip.com.tr

ESKİŞEHİR
Linmak Mekatronik San. Tic. Ltd. Şti.
(0222) 236 26 36
(0222) 236 26 36
eskisehir1@doguskalip.com.tr

KONYA
Pinyon Makine Ekipmanları
(0332) 502 02 35
(0332) 502 02 36
konya@doguskalip.com.tr

KAYSERİ
Sancak Teknik Paslanmaz
(0352) 311 51 70
(0352) 311 51 80
satis@sancakpaslanmaz.com.tr

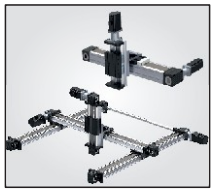
MERSİN
Mutlu Han Proje Danış. Bil. Müh.
(0324) 359 22 32
(0324) 359 22 32
mersin@doguskalip.com.tr

RİZE
Pozitif Endüstriyel Ürünleri
(0464) 217 27 14
(0464) 217 27 14
rize@doguskalip.com.tr

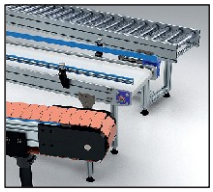
GAZİANTEP
Marmara Teknik Hidrolik Pnömatik Makine
(0342) 231 58 58
(0342) 231 58 57
gaziantep@doguskalip.com.tr

These Products Are Each Doğuş Kalıp Brand.

ROBOTIC MARKET®



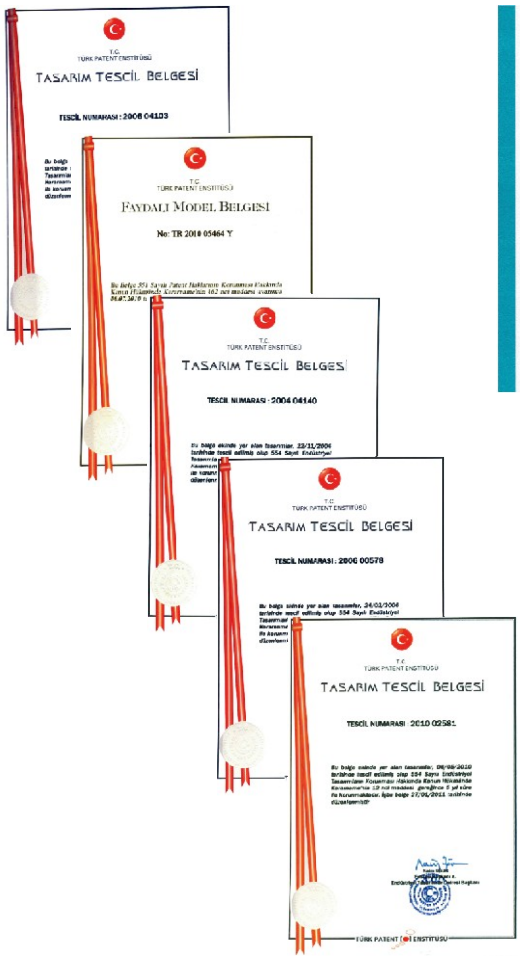
MECHATRONICS MARKET®

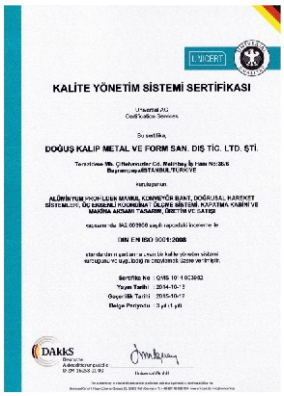


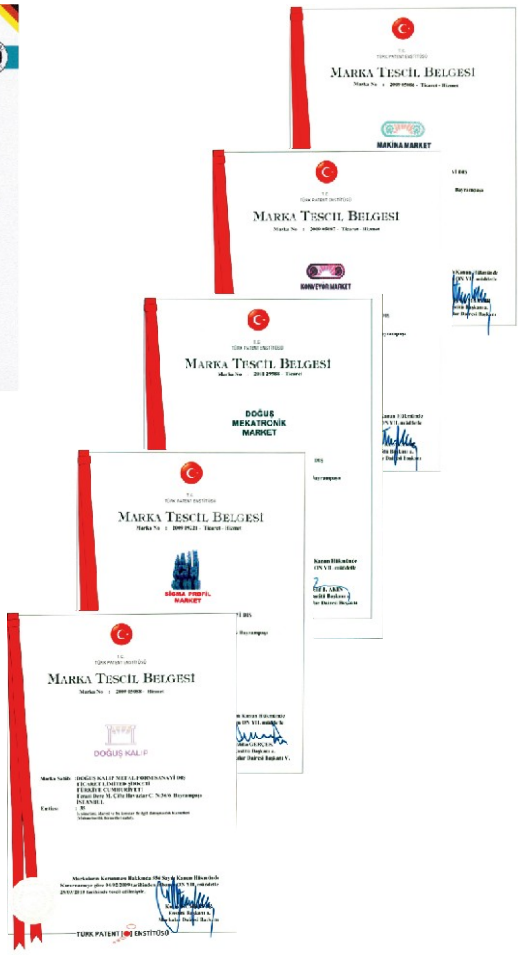
CONVEYOR MARKET®

SIGMA ProfileE ® MARKET

MACHINE MARKET®







Company Profilee

Doğuş Kalıp Metal ve Form San. Tic. A.Ş. which started business in 1994 and made name by manufacturing cutting and plastering mould, progressive mould for different sectors, has improved its experience by carrying out activities in production and spare part manufacturing since 1998.

Doğuş Kalıp has started producing Aluminium Industrial Profilees, fastening-connecting parts and their accessories on conveying and automation systems after 2002.

It has contributed to national labour force by manufacturing the equipments which were imported products.

Since 2006, Dogus Kalip has focused on research and development on linear motion systems and multi-axis motion systems and produced world-ranking technological systems by using its own resources.

Today, there is a great competition in both quality and speed by using cutting-edge technological systems and newly developed products in production process and manufacturing industries .

Doğuş Kalıp is a manufacturer of the products which used in serial manufacturing of mechatronics and automation technology applications. We are proud with our research and development department facilities on developing the neccessary products in mechatronic sector.

Our main target is improving the systems and equipments in necessity of our sector with our expanding quantity of staff and background.

We have partnership with lots of manufacturer in mechatronics and automation sector due to our product range expanding day by day.

Our marketing strategy is almost completed in domestic market with Dogus Kalip's regional and local dealers and Doğuş Kalıp is to be continue to trading with foreign countries.

We know our responsibility to giving best service and high quality to our customer and partners. We wish to share our experience and develop your business in close future.....

Strong Stock

High Quality

Engineering Service

Innovation

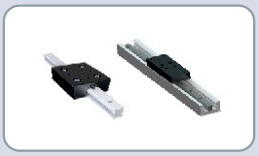
Fast Service

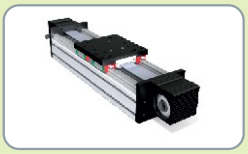
CRM

Applications

Manuel Guidance

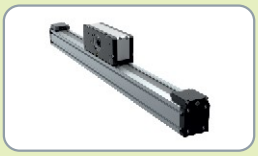
Blok Bearding Profile Bearding





Timing Belt Drive Systems

Sigma Series Lineer Series
Dktm Series Kompakt Series



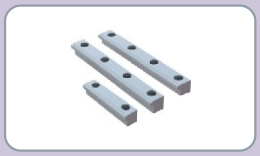
Ball Screw Drive Systems

Dkvm Series Kompakt Series
Dkzm Series Spot Series

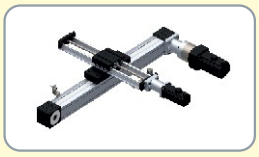
Rack Drive Systems

Bridge Series Profile Series

Assembly Connection Equipments

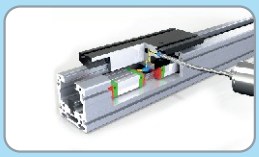


Axis Automation Panels



CNC Plate Bodies

Maintenance and Lubrication Guides



İndeks

Linear Motion System

LINEAR MOTION SYSTEM

Any kind of process in mechanic and automatization systems is ensured via progressive circular and linear motions. In order for the renewed movement to be stable and accurate, it must be ensured that the operation to be performed is in an axial guide and bearing.

For any kind of loading and speed implementation, abrasion sholud be avoided in order to keep bearing sensitivity and tolerance figures.Regardless of the procedure to be performed, it must be in an axial guide and bearing so that the renewed movement can be deployed in a healthy and stable manner. In order for the renewed movement to be stable and accurate results ensure that the operation to be performed is in an axial guide and bearing. For this reason bedding materials are made of hardened and ground steel. Bearing surfaces are covered with felt shield and protective bellows in order to ensure a long-lasting operation quality. To maintain bearing precision should be prevented and tolerance values in all types of loading and speed applications.

Doğuş Kalıp, Produced in accordance with the specifications mentioned above, provides optional designs to be implemented in various operation environments and for different amounts of loading.

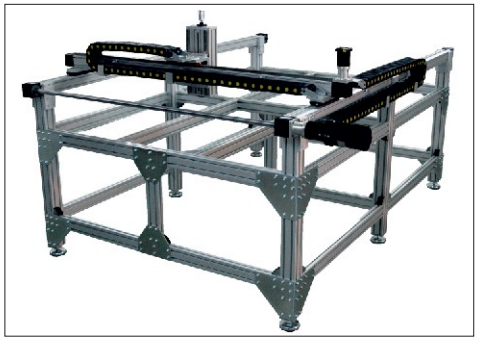
The moment and the stimulation alternatives needed for the axial motions are composed in accordance with the units in which they are used. The bearing materials placed on the Aluminum Profilee frames provides practical implementation and avoid unnecessary loading on the system. The canal structures on the current surfaces ensure that any kind of additional part is included during the process and facilitates adjustment.

It is possible to direct axial coordination motions via the controller and control board in accordance with the process due to the integration of various engines in linear motion systems.

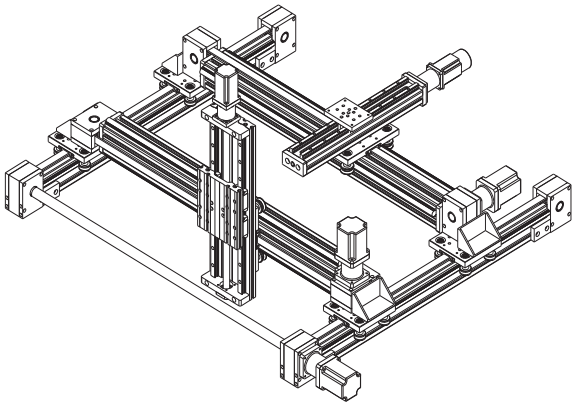
The bearing units produced in difficult conditions and at high-costs formerly are produced By Doğuş Kalıp as instans high-tech units. These instant system provide axical solutions under the scope of multi optional categories.

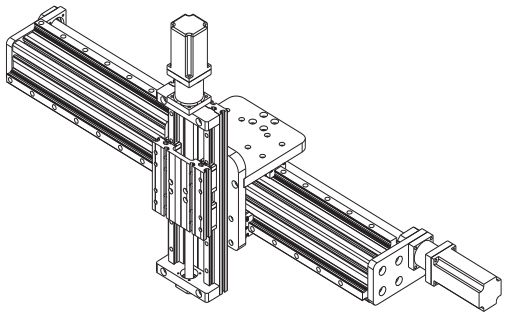
While these units provide standart options in the category of Lincar Motion System, they also make specific various sizes and additional options available.

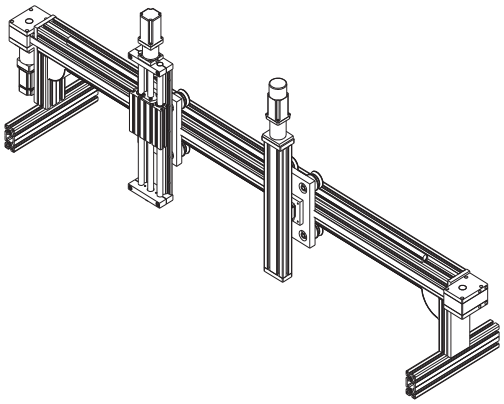
The reason why these systems are favored most is that they are version of in practical and they provide appropriate options .

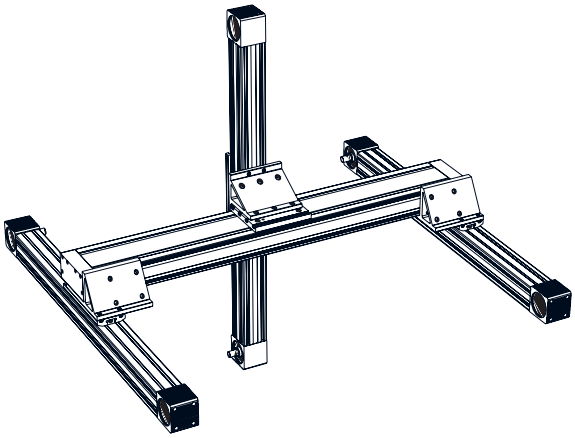


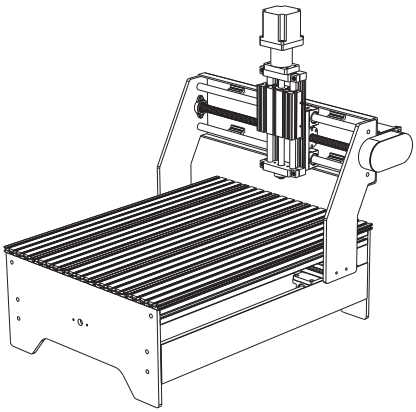
linear motion systems
provide ideal solutions for
your industrial designs.

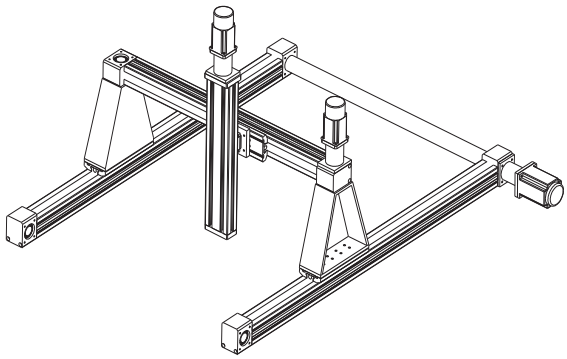










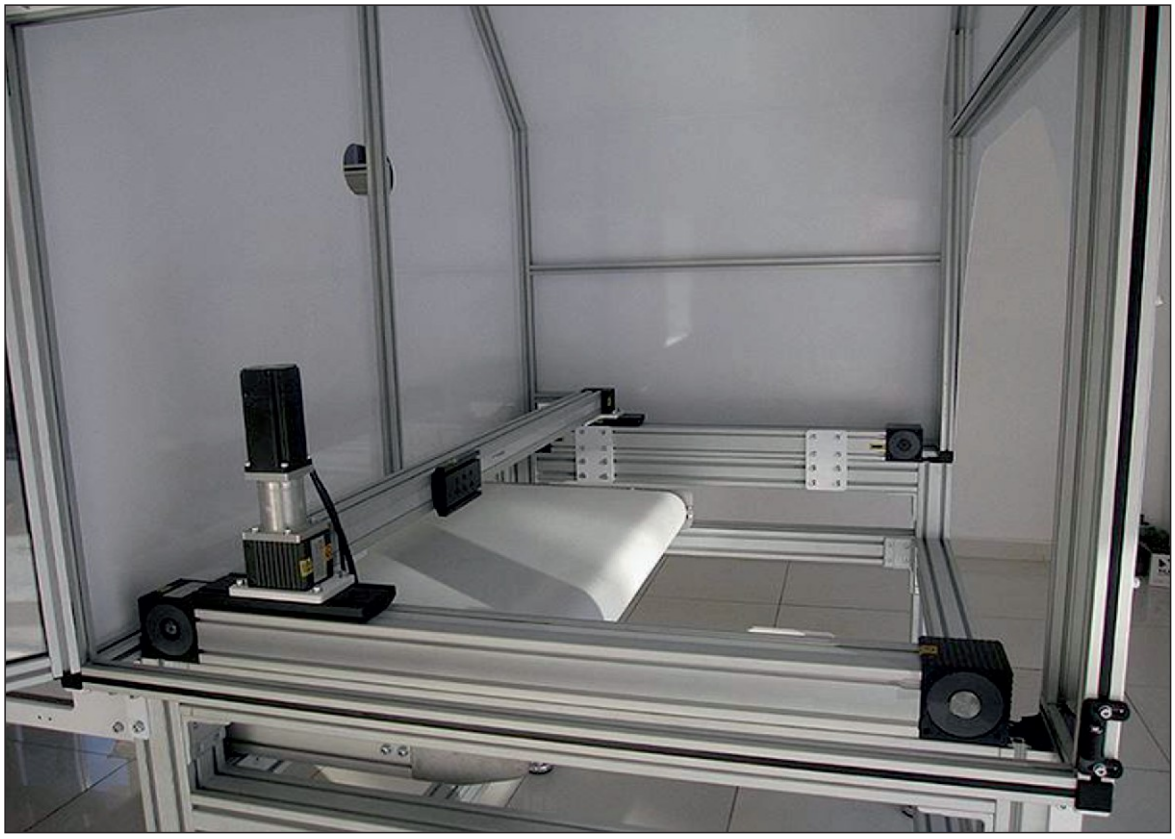


3 Axial CNC Machine Coordinates

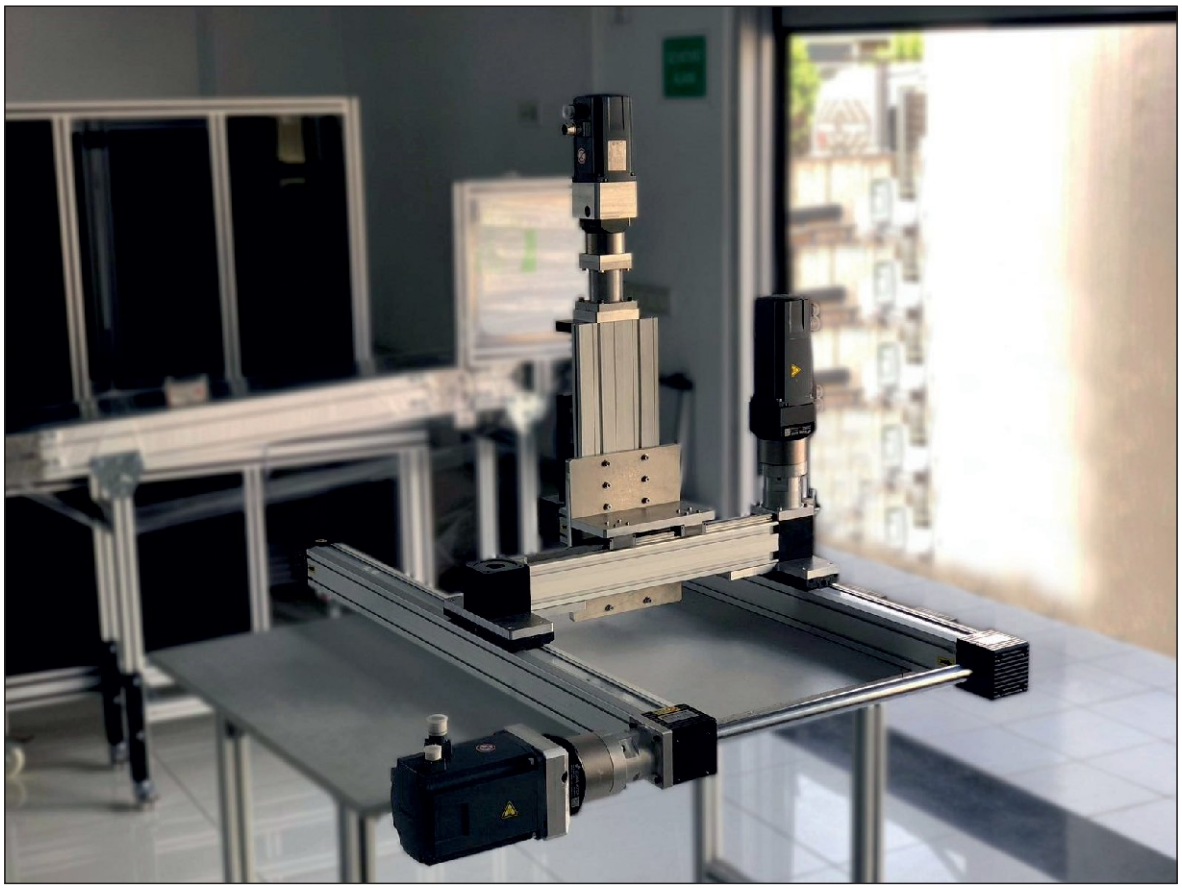
Cartesian Robot Coordinates

Emprime Print Machine

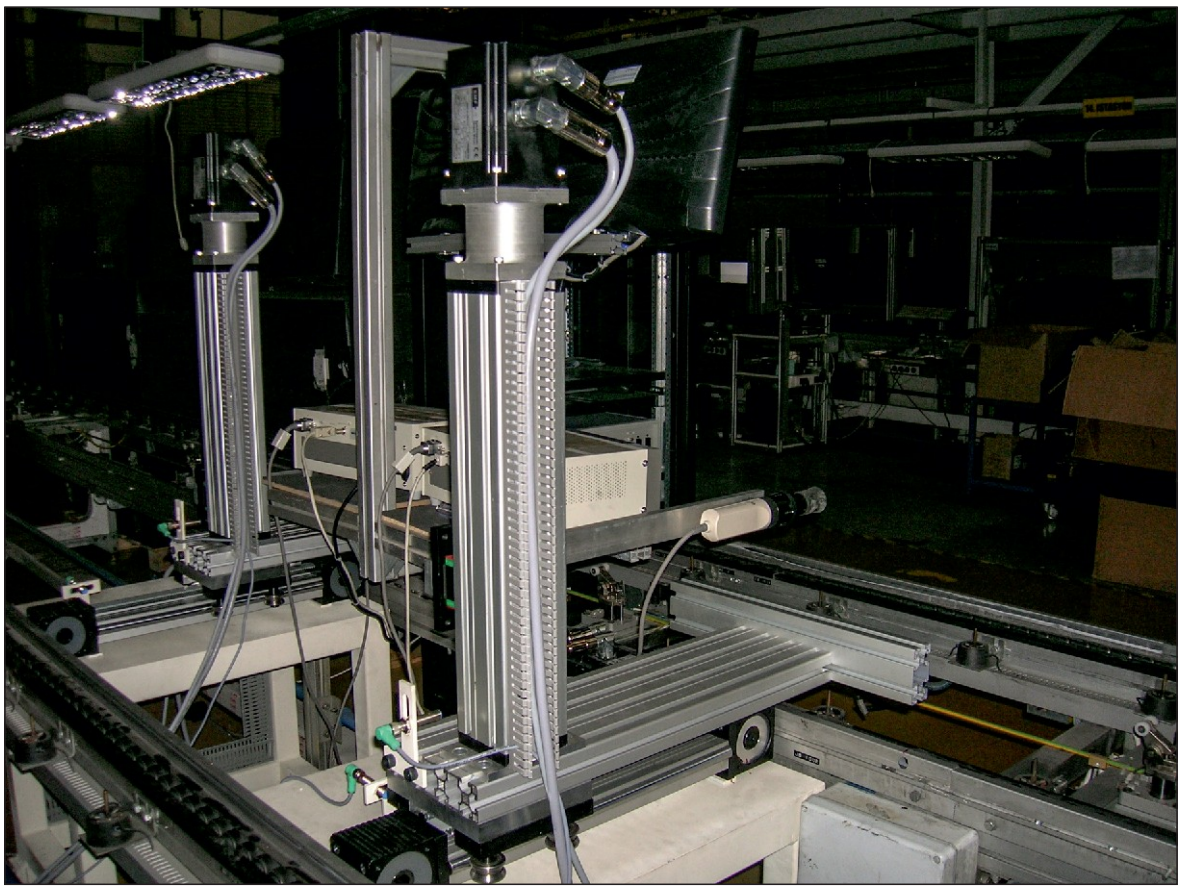
Label Printing System



CNC Machine Coordinates



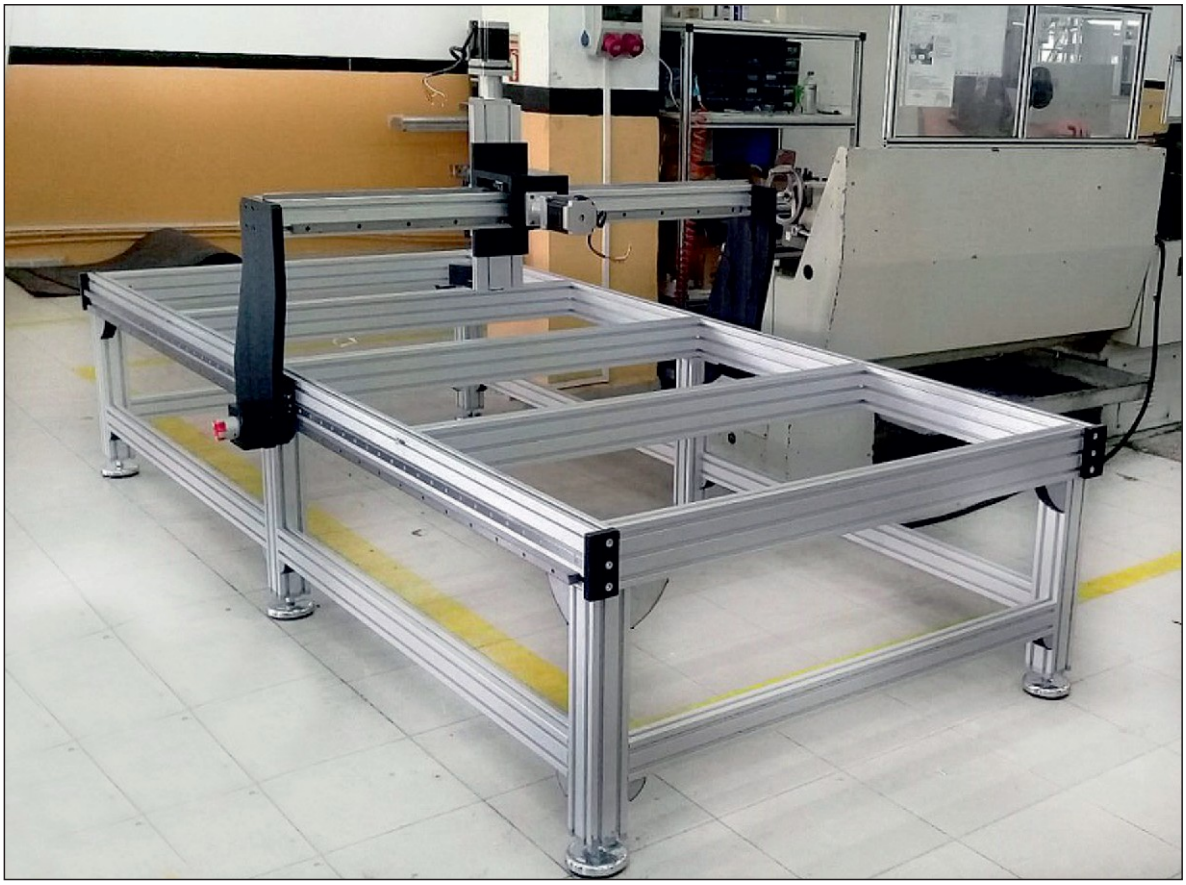
3 Axial CNC Machine Coordinates



Robotic Automation Line

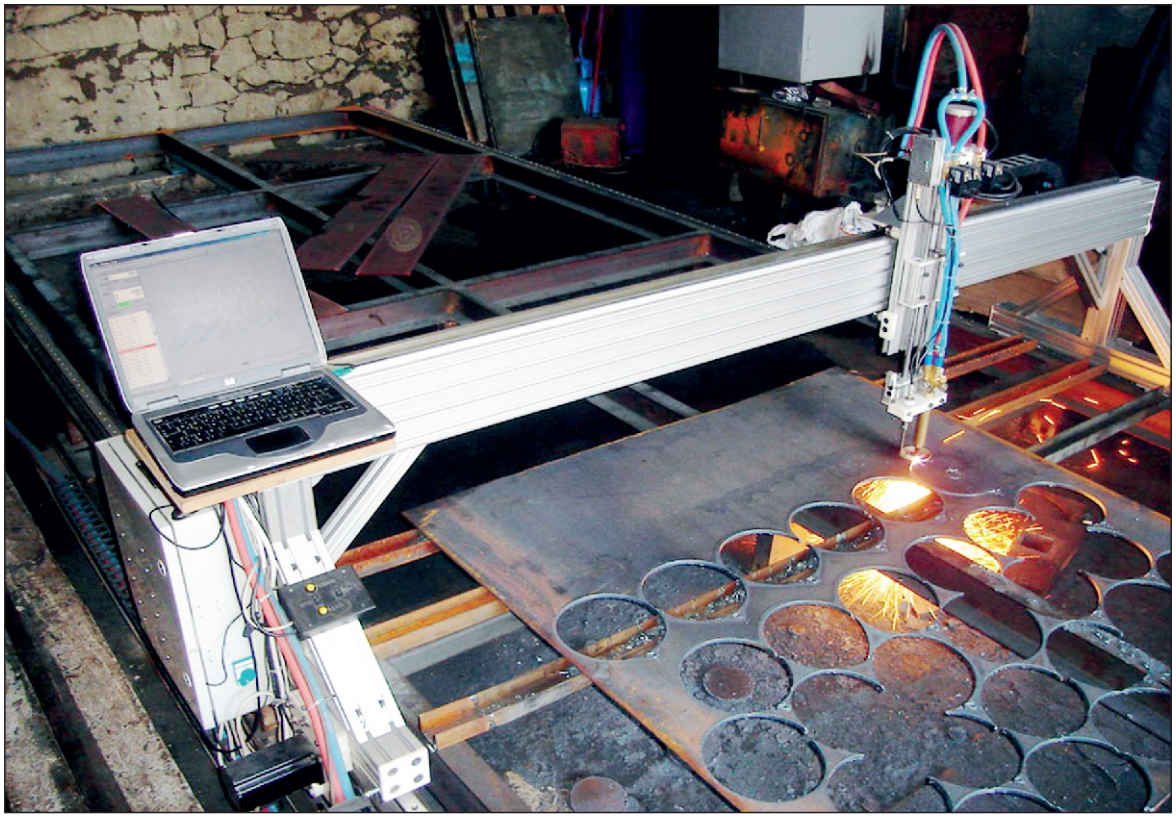
Label Reading System

Wood Processing Bench Body



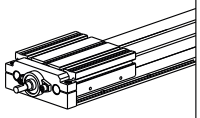
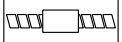
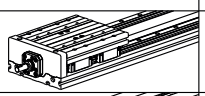
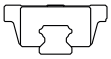
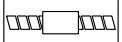
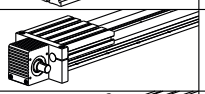
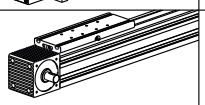
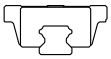
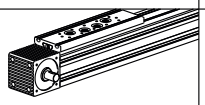
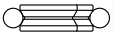
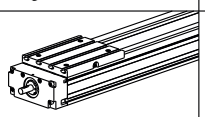
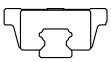
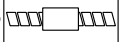
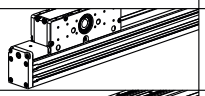
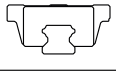
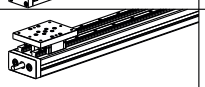
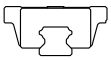
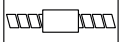
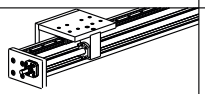
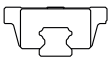
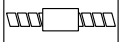
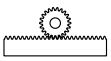
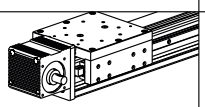
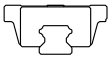
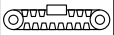
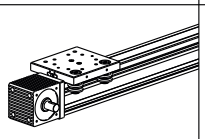
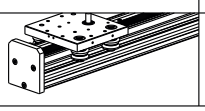
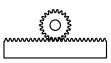
Barcode Otomation

Plasma Cutting Automation



CNC Machine Chassis

LİNEAR MODULE SELECTION TABLE

REFERENCE		SECTİON		DRİVİNG			PROTECTİON BELLOWS SYSTEM
FAMİLY	PRODUCT	LINEAR GUIDE	BEARING	TOOTHED BELT	BALL SCREW	RACK AND PİNİON	
DKVM MODULE							
DKZM MODULE							
DKTM MODULE							
LINEAR COMPACT MODULE							
							
							
							
SPOT MODULE							
RACK AND PINION RACK AND BALL SCREW BRIDGE MODULES							
LINEAR TIMING BELT MODULES							
ROLLER TIMING BELT MODULES							
RACK AND PINION MODULES							

* You can use the table to choose the type of bedding you want. Bellows systems optionally optional is implemented.

LINEAR MODULE SELECTION TABLE

SIZE	MAX. LOAD CAPACITY PER CARRIAGE (N)			MAX. STATIC MOMENT PER CARRİAGE (Nm)			MAX.TRAVEL SPEED (MT/S)	MAX. ACCELERATİON (M/S²)	REPEATABİLİTY ACCURACY (mm)	MAX. TRAVEL OR STROKE (PER SYSTEM) (mm)
	Fx	Fy	Fz	Mx	My	Mz				
12 16 20 25 30	385 505 618 713 912	910 1205 1744 2323 2950	1215 1512 2180 2904 3450	125 167 228 360 410	95 126 195 234 290	110 146 204 224 280	0,09 0,12-,038 0,13-0,52 0,17-0,34-0,85 0,46	0,85	±0,15	1000 1500 2000 2500 3000
15 20	2020 3680	2080 4400	3020 5760	410 650	290 320	440 690	0,12-0,38 0,13-0,52	0,5	±0,03	2000 2500
20	618	1744	2180	228	195	204	4	2	±0,2	6000
64 80 100	2200 2400 3600	2460 2760 3180	4240 7260 10870	385 412 697	415 465 780	540 580 710	5 5 4	5 8	±0,1	6000
64 80	1400 1650	1150 1320	1260 1440	430 650	510 720	470 680	8 8	5	±0,1	6000
50 65 80 100	8600 9800 12300 5500	5400 6200 9600 4700	9200 13500 18700 10870	510 620 840 3360	1120 1340 1870 5740	2350 1340 3200 8220	0,12 0,13-0,17-0,52 0,17-0,34-0,52-0,85 0,17-0,34-0,52	0,5	±0,03	2000 4000 4000 4000
64 80	2200 2400	2460 2760	4240 7260	385 415	415 480	540 570	5 5	5	±0,1	6000 6000
45 90	725 975	878 878	1157 1157	110 140	70 80	75 95	0,10 0,12	0,15	±0,03	1750 2000
90 180	1480 1650	2125 2450	2125 3850	230 390	1613 1613	1613 2470	3 3	0,95 2	±0,03 ±0,2	6000
90 135 180	950 1350 1650	2785 3215 4300	3863 4560 12600	690 690 1447	435 540 1613	435 540 1613	4 3 4	5 8	±0,1	7300
38 45 60 80 90	320 615 640 780 915	600 810 1760 2100 1295	800 1000 1505 1880 2460	70 75 120 150 102	85 70 125 165 172	65 86 162 175 195	5 6-8 6 6-8 6-8	3/5/6	±0,2	3000 6000 6000 6000 6000
80	780	2100	1880	150	165	175	4	1	±0,2	6000

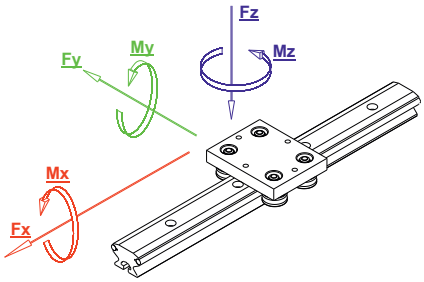
* You can use the table to choose the type of bedding in the option you want. Bellows systems are optional as an option is implemented.

Open Type

Closed Type

Closed Types: Provides protection against dust and particles. thanks to their lubricating seals they are long-lasting

Upload Values

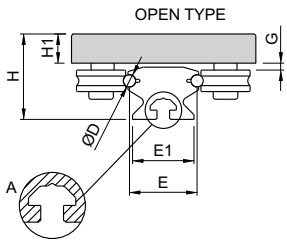


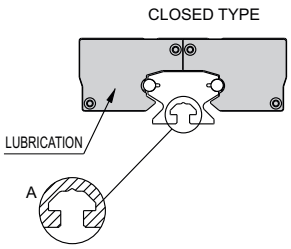
Load	Static	Ø4 Blok	Ø6 Blok	Ø8 Blok
Fx	(N)	120	180	320
Fy	(N)	240	280	640
Fz	(N)	360	410	760
Moment				
Mx	(Nm)	60	80	120
My	(Nm)	48	84	126
Mz	(Nm)	64	96	132

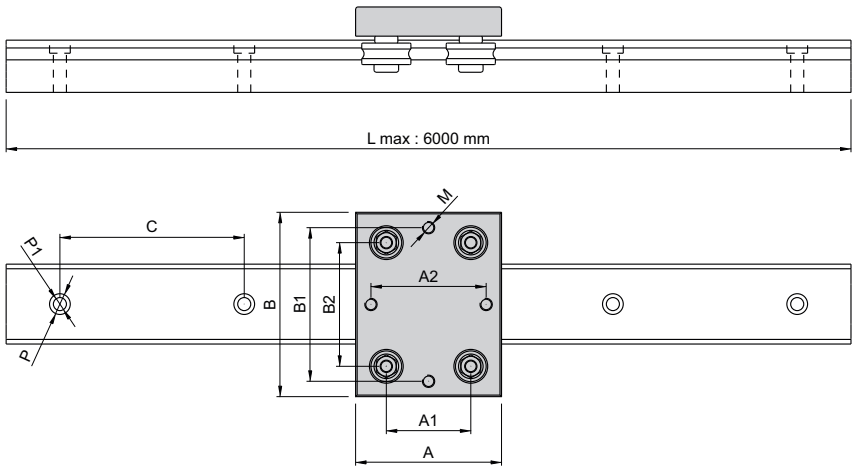
Technical Specifications

Body	;	12x17 - 20x24 - 40x34 Profilee (Aluminum 6063)
Movement Speed	;	5 mt/sn - 6 mt/sn - 8 mt/sn
Wedge	;	(M4x20,5) - (M6x30) - (M8x41,5) Straight and Eccentric
Induction Shaft	;	Ø4 - Ø6 - Ø8 Chrome Plated Induction Shaft
Linear Block	;	LFR 50/5-4 / LFR 50/8-6 / RV 200-8

Technical Details



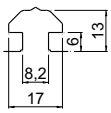




Roller Black Guide Body

CODE	STOCK NAME	ØD	C	P	P1	E	E1
5.1.01.012017.01.04	Ø4 Block Bearding	4	60	7.5	4.5	16	17
5.1.01.020024.01.06	Ø6 Block Bearding	6	60	10.5	6.5	26	24
5.1.01.034040.01.08	Ø8 Block Bearding	8	120	13.5	8.5	44	40

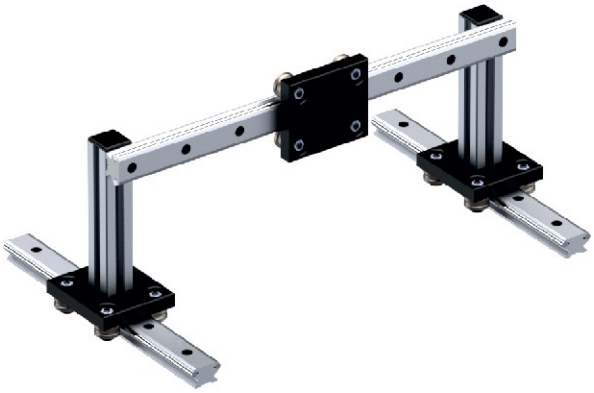
A (Ø8 M6 CHANNEL DETAIL)

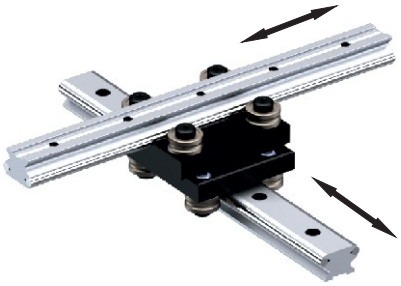


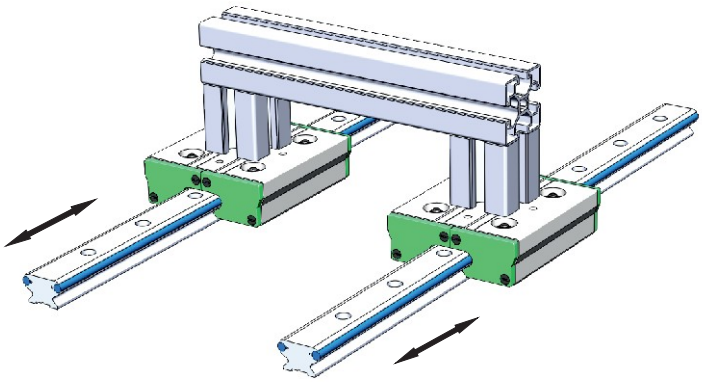
Linear block

CODE	STOCK NAME	ØD	B	B1	B2	A	A1	A2	M	G	H	H1
6.1.01.012017.055055.1.04	Ø4 Block	4	55	40	34	50	31	40	M5	0.5	23	9.5
6.1.01.020024.090080.1.4	Ø6 Block	6	80	60	53.5	90	64	70	M6	1	35.5	14
6.1.02.020024.115100.1.4	Ø6 Block (Closed)	6	100	60	53.5	115	64	70	M6	1	35.5	14
6.1.01.034040.095100.1.4	Ø8 Block	8	120	100	80.5	95	55	75	M8	4.5	55.6	19
6.1.02.034040.095100.1.4	Ø8 Block (Closed)	8	135	100	80.5	115	55	75	M8	4.5	55.6	19

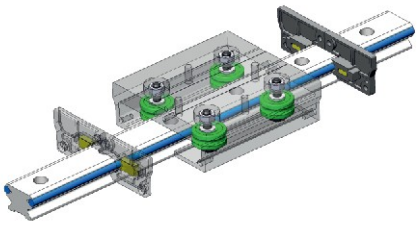
Applications



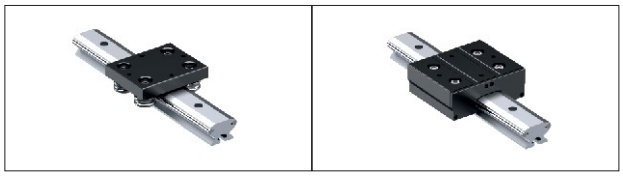




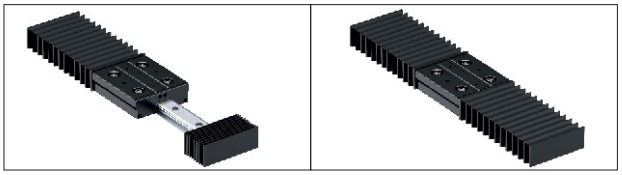
Option Types



Lubrication System And Bearing Protecting Shield



System Protector (bellows)

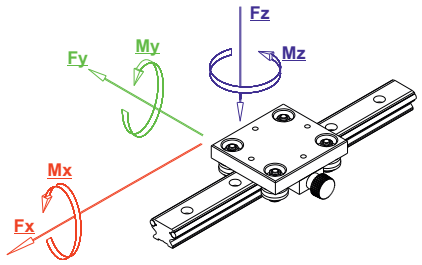


NEW

Single Lock

Double Lock

Upload Values

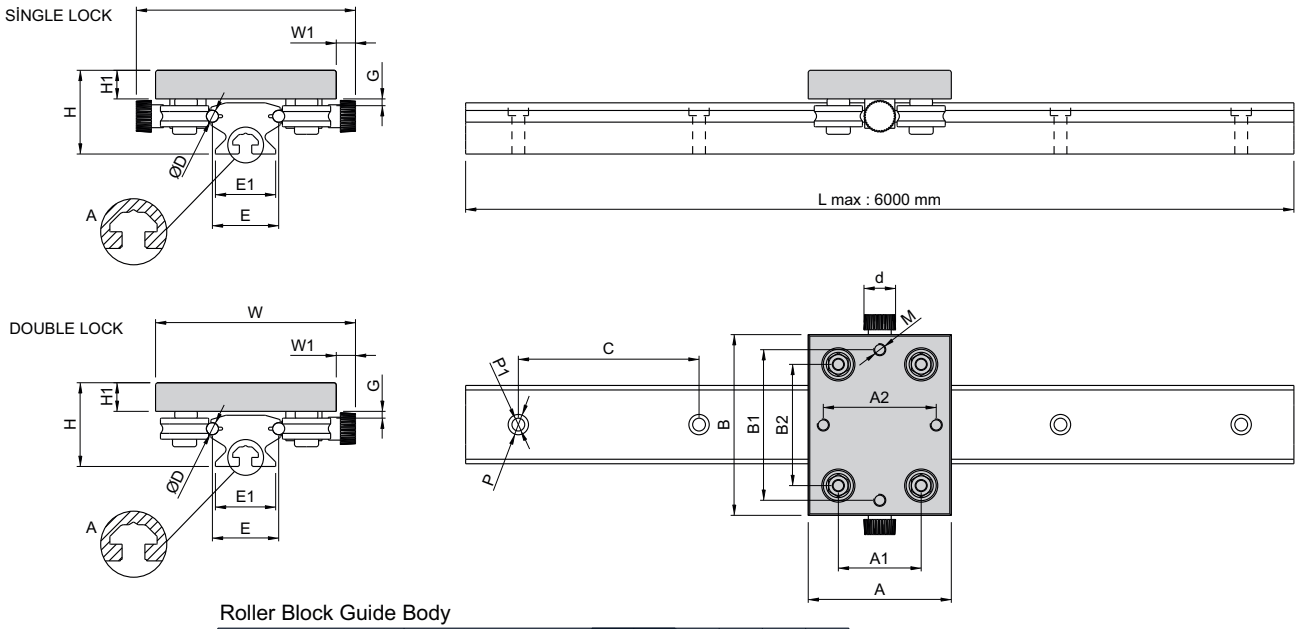


Load	Static	Ø6Single-Ø6Double	Ø8Single-Ø8Double
Fx	(N)	180	320
Fy	(N)	280	640
Fz	(N)	410	760
Moment			
Mx	(Nm)	80	120
My	(Nm)	84	126
Mz	(Nm)	96	132

Technical Specifications

Body	;	20x24 - 40x34 Profilee (Aluminum 6063)
Movement Speed	;	6 m/sn - 8 m/sn
Wedge	;	(M6x30) - (M8x41,5) Straight and Eccentric
Induction Shaft	;	Ø6 - Ø8 Chrome Plated Induction Shaft
Linear Block	;	LFR 50/8-6 / RV 200-8.32.14

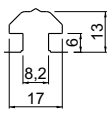
Technical Details



Roller Block Guide Body

CODE	STOCK NAME	ØD	C	P	P1	E	E1
5.1.01.020024.01.06	Ø6 Roller Block Guide	6	60	10.5	6.5	26	24
5.1.01.034040.01.08	Ø8 Roller Block Guide	8	120	13.5	8.5	44	40

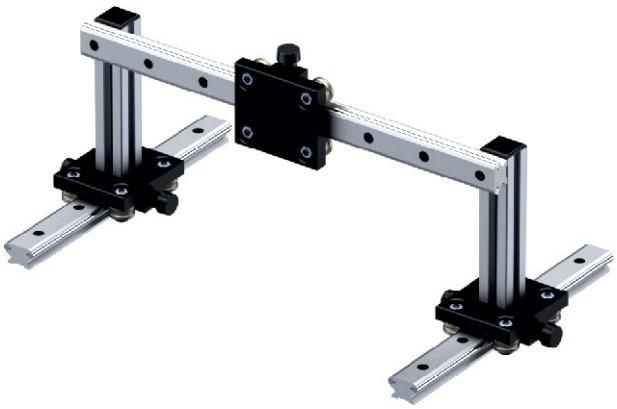
A (Ø8 M6 CHANNEL DETAIL)

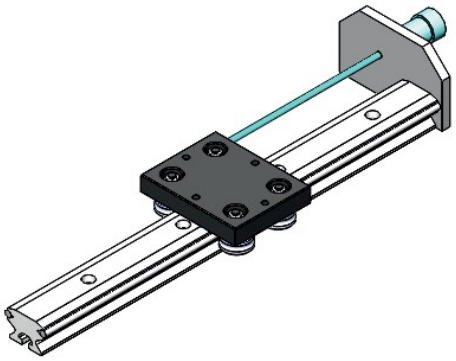


Linear Block

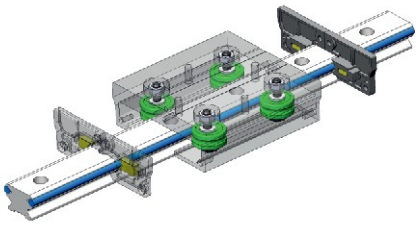
CODE	STOCK NAME	Ød	B	B1	B2	A	A1	A2	M	G	H	H1	W	W1	d
6.1.01.020024.090080.2.4	Ø6 Block Guide Carriage with Single Lock	6	80	60	53,5	90	64	70	M6	1	35.5	14	100	20	20
6.1.01.020024.090080.3.4	Ø6 Block Guide Carriage with Double Lock	6	80	60	53,5	90	64	70	M6	1	35.5	14	120	20	20
6.1.02.034040.115135.2.4	Ø8 Block Guide Carriage with Single Lock	8	120	100	80.5	95	55	75	M8	4.5	55.6	19	134	14	20
6.1.02.034040.115135.3.4	Ø8 Block Guide Carriage with Double Lock	8	120	100	80.5	95	55	75	M8	4.5	55.6	19	148	14	20

Applications

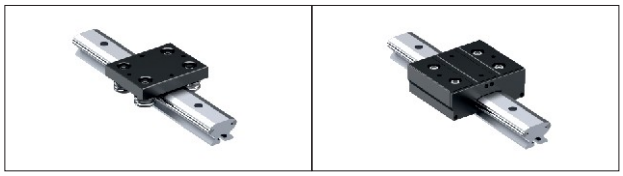




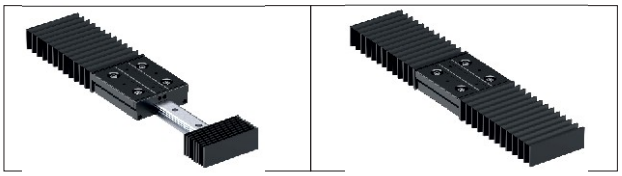
Option Types



Lubrication System And Bearing Protecting Shield

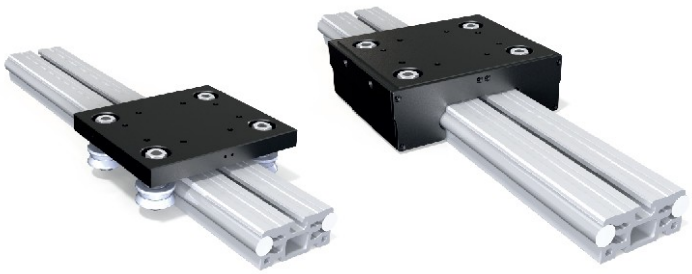


System Protector (bellows)



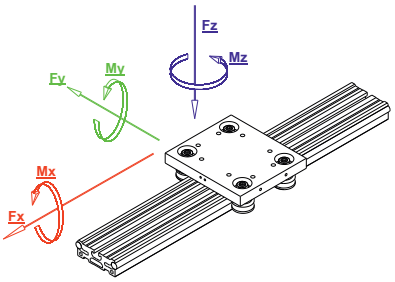
Open Type

Closed Type



Closed Types: Provides protection against dust and particles. They have a long life thanks to their lubricating seals.

Upload Values

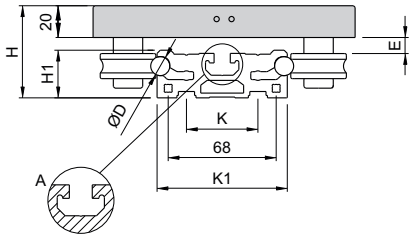


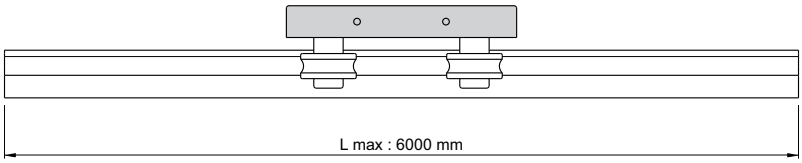
Load	Static	Ø12 Blok	Ø20 Blok
Fx	(N)	440	760
Fy	(N)	870	1260
Fz	(N)	1100	1870
Moment			
Mx	(Nm)	142	180
My	(Nm)	156	186
Mz	(Nm)	162	192

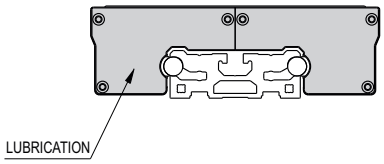
Technical Specifications

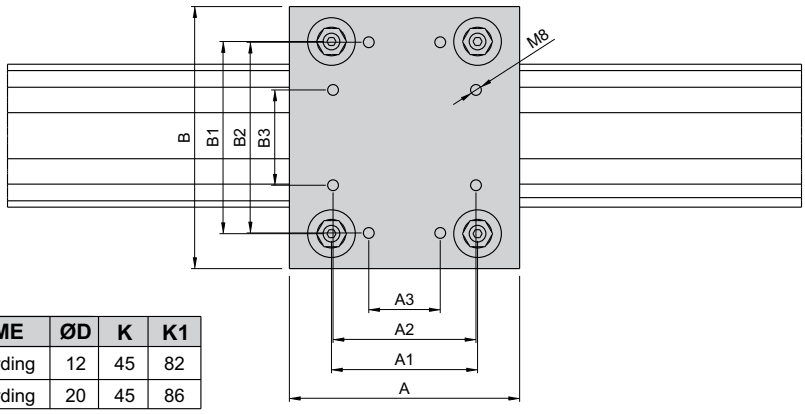
Body	;	30x82 - 40x86 Profilee (Aluminum 6063)
Movement Speed	;	8 mt/sn
Wedge	;	(M10X51) - (M12X60) Straight and Eccentric
Induction Shaft	;	Ø12 - Ø20 Chrome Plated Induction Shaft
Linear Block	;	RV 201-12 / RV 202-15 / RV 203-17

Technical Details





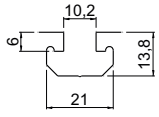




Roller Black Guide Body

CODE	STOCK NAME	ØD	K	K1
5.1.01.030082.01.12	Ø12 Block Bearding	12	45	82
5.1.01.040086.01.20	Ø20 Block Bearding	20	45	86

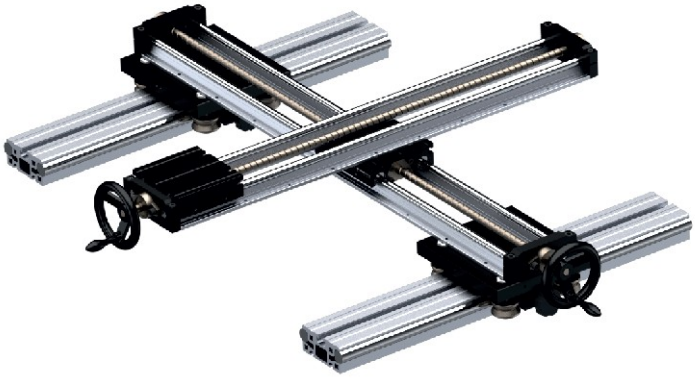
A (CHANNEL DETAIL)

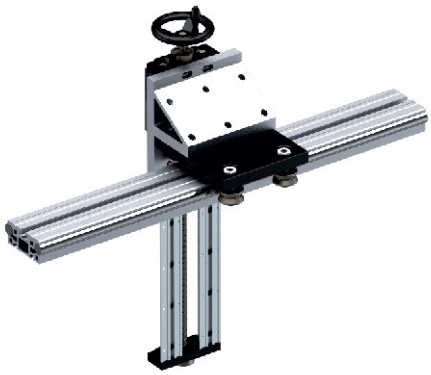


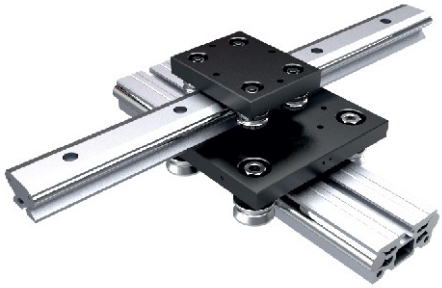
Linear block

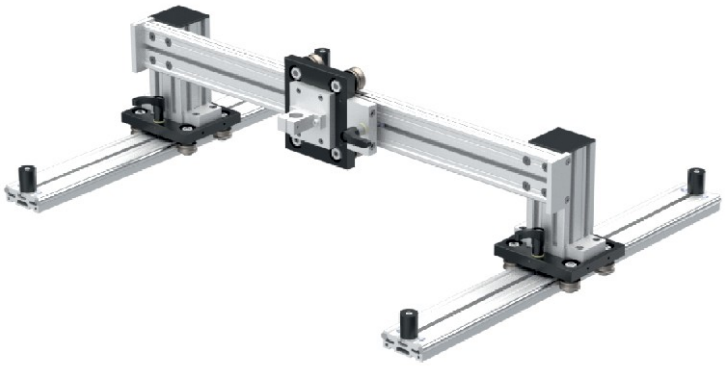
CODE	STOCK NAME	ØD	A	A1	A2	A3	B	B1	B2	B3	C	C1	E	H	H1
6.1.01.030082.145165.1.4	Ø12 Block RV 201	12	145	92	90	45	92	121	120	45	165	121	10	58	30
6.1.02.030082.145165.1.4	Ø12 Block LFR 5201 (KAPALI)	12	155	92	90	45	92	121	120	45	182	121	10	58	30
6.1.01.040086.165185.1.4	Ø20 Block RV202	20	165	105	90	45	105	135.4	120	45	185	135	14	69	40.5
6.1.02.040086.165185.1.4	Ø20 Block RV202 (KAPALI)	20	175	105	90	45	105	135.4	120	45	202	135	14	69	40.5

Applications

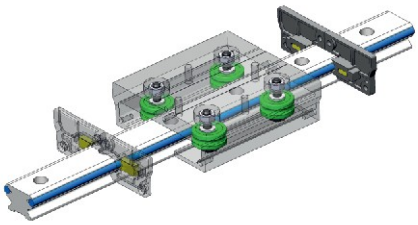




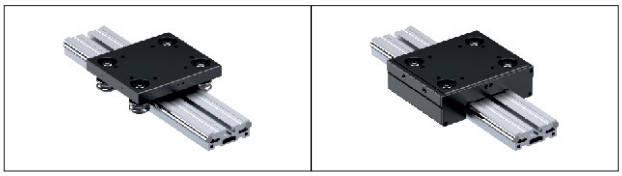




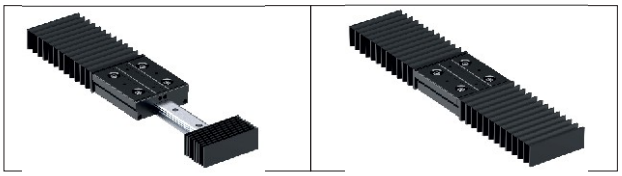
Option Types



Lubrication System And Bearing Protecting Shield



System Protector (bellows)

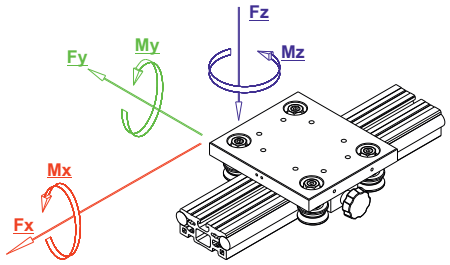


NEW

Single Lock

Double Lock

Upload Values

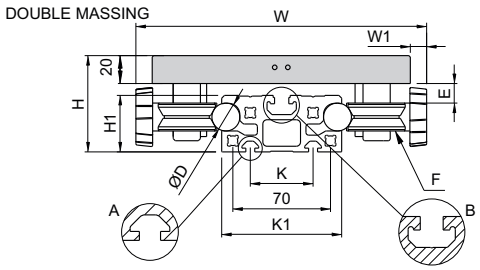


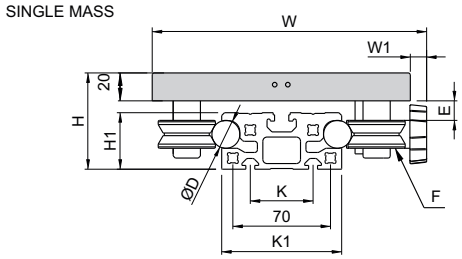
Load	Static	Ø12Single-Ø12Double	Ø20Single-Ø20Double
Fx	(N)	440	760
Fy	(N)	870	1260
Fz	(N)	1100	1870
Moment			
Mx	(Nm)	142	180
My	(Nm)	156	186
Mz	(Nm)	162	192

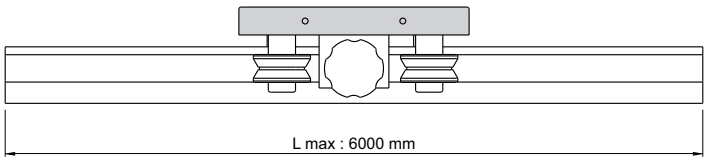
Technical Specifications

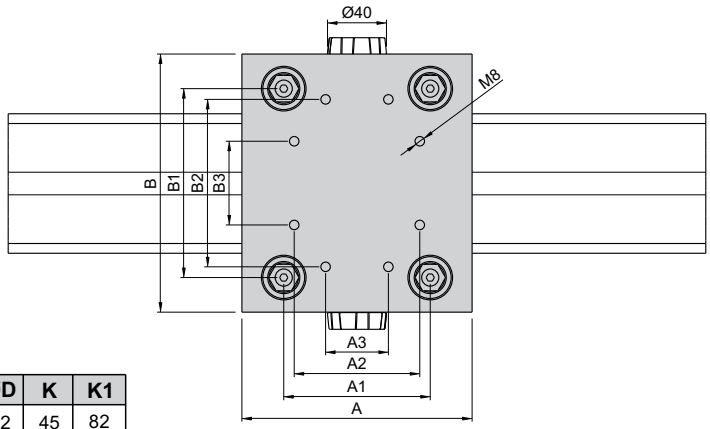
Body	;	30x82 - 40x86 Profilee (Aluminum 6063)
Movement Speed	;	6 mt/sn - 8 mt/sn
Wedge	;	(M10X51) - (M12X60) Straight and Eccentric
Induction Shaft	;	Ø12 - Ø20 Chrome Plated Induction Shaft
Linear Block	;	RV 201-12.35.16 / RV 202 15.41.20 / RV 203 17

Technical Details





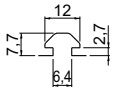




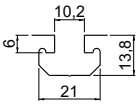
Roller Black Guide Body

CODE	STOCK NAME	ØD	K	K1
5.1.01.030082.01.12	Ø12 Block Bearding	12	45	82
5.1.01.040086.01.20	Ø20 Block Bearding	20	45	86

A (CHANNEL DETAIL)



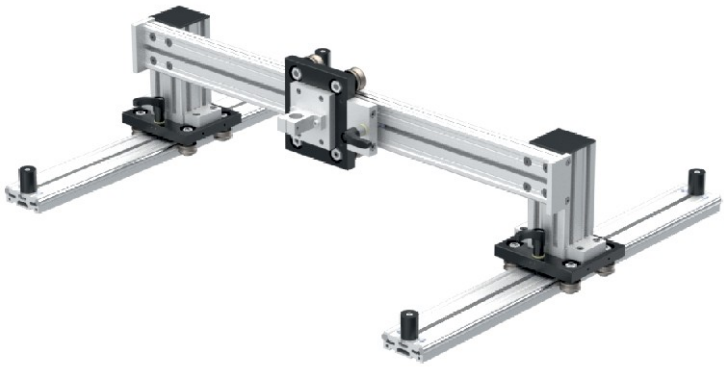
B (CHANNEL DETAIL)



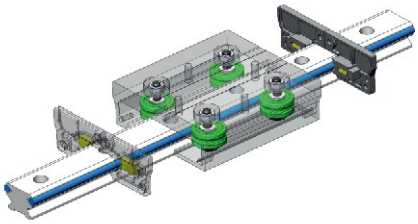
Linear block

CODE	STOCK NAME	ØD	A	B	C	C1	E	H	H1	W	W1
6.1.01.030082.145165.3.4	Ø12 Block Guide Carriage with Single Lock	12	145	92	165	121	10	58	30	185	20
6.1.01.030082.145165.4.4	Ø12 Block Guide Carriage with Double Lock	12	145	92	165	121	10	58	30	205	20
6.1.01.040086.165185.3.4	Ø20 Block Guide Carriage with Single Lock	20	165	105	185	135	14	69	40.5	201	16
6.1.01.040086.165185.4.4	Ø20 Block Guide Carriage with Double Lock	20	165	105	185	135	14	69	40.5	217	16

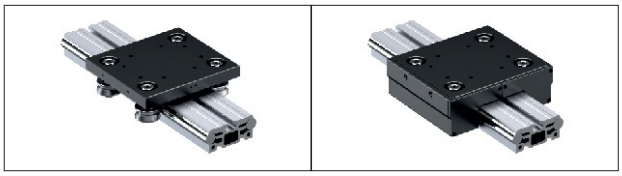
Applications



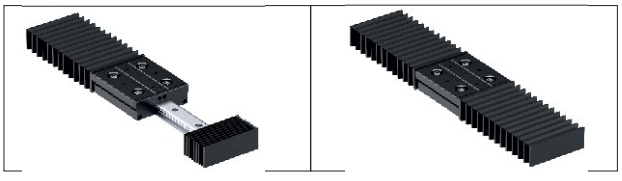
Option Types



Lubrication System And Bearing Protecting Shield

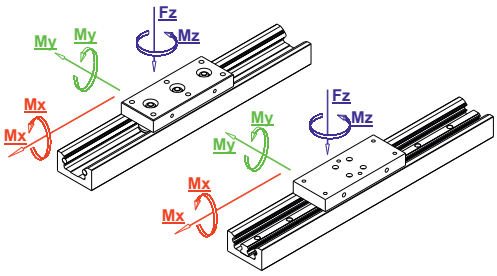


System Protector (bellows)



Roller Linear Rail

Upload Values

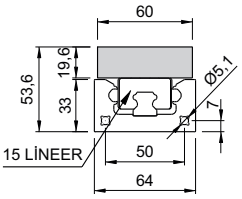


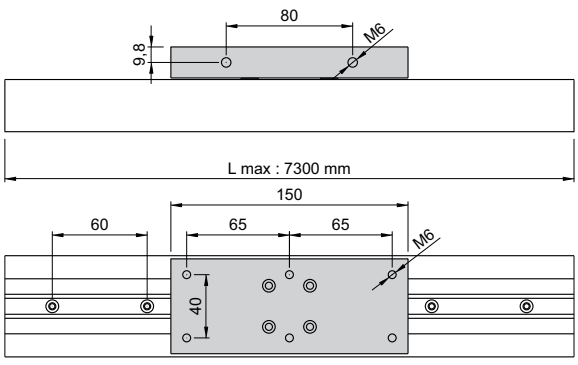
Load	Static	ROLLER	LİNEAR
Fx	(N)	460	460
Fy	(N)	720	1080
Fz	(N)	916	1260
Moment			
Mx	(Nm)	82	120
My	(Nm)	96	170
Mz	(Nm)	108	210

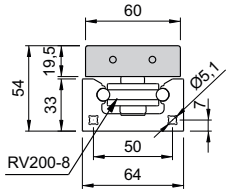
Technical Specifications

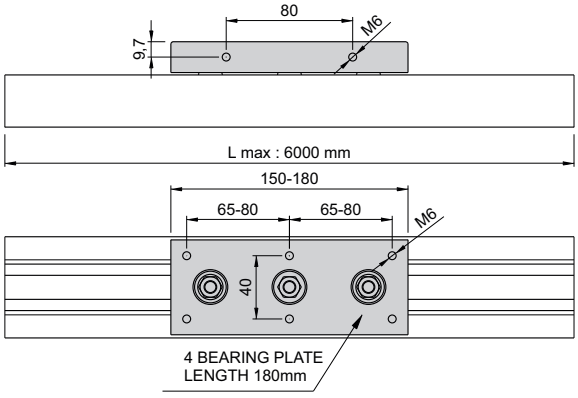
Body	;	64x33 Profilee (Aluminum 6063)
Movement Speed	;	Makara 8 mt/sn - Linear 3 mt/sn
Wedge	;	(M8x41,5) Straight and Eccentric
Induction Shaft	;	Ø8 Chrome Plated (20 - 30 µm) Induction Spindle 60-62 HRC h7
Bearing Block	;	RV200 - 8 KDD
Linear Rail	;	15 lik Linear Rail
Linear Block	;	15 Narrow Low Linear Car

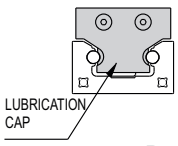
Technical Details









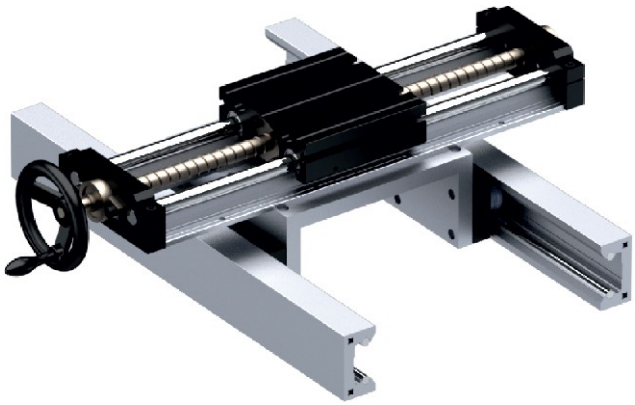


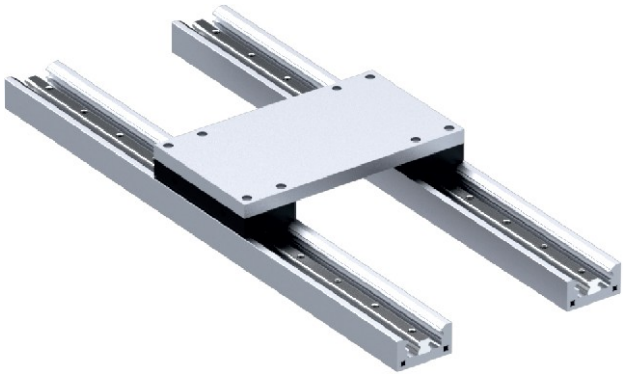
Note: Lubrication is optional

Body

CODE	CODE	STOCK NAME
5.1.01.033064.02.08	6.1.01.033064.060150.1.3	Block Guide Carriage with 3 Bearings (Open Type)
	6.1.02.033064.0 60150.1.3	Block Guide Carriage with 3 Bearings (Closed Type)
	6.1.01.033064.060150.1.4	Block Guide Carriage with 4 Bearings (Open Type)
	6.1.02.033064.060150.1.4	Block Guide Carriage with 4 Bearings (Closed Type)
5.1.01.033064.02.15	6.1.03.033064.060150.1.3	Closed Linear Block Guide

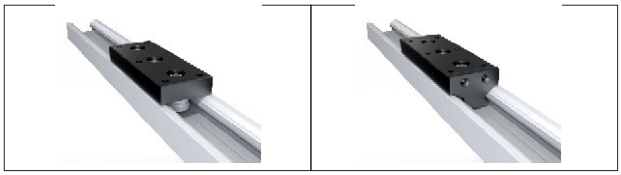
Applications



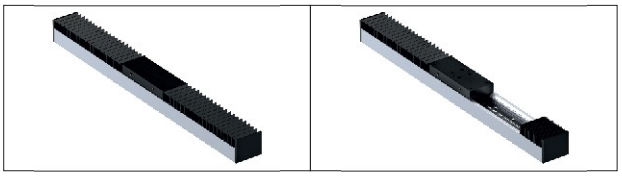


Option Types

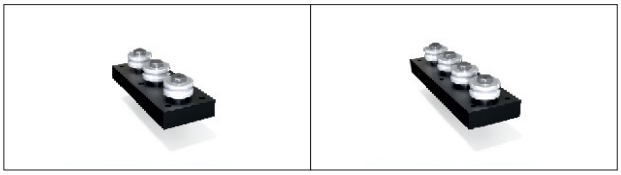
Lubrication System And Bearing Protecting Shield



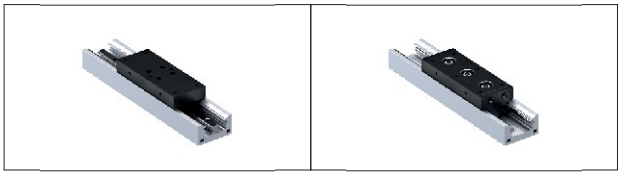
System Protector (bellows)



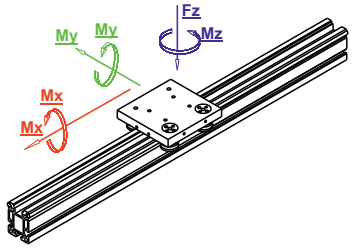
Top Plates with 3 or 4 Bearings



1 or 2 Linear Trolley Top Plates



Upload Values

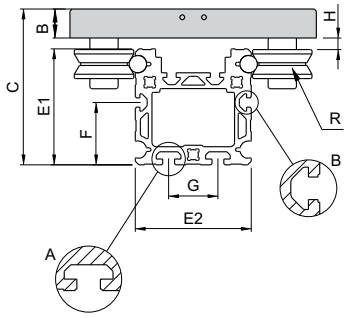


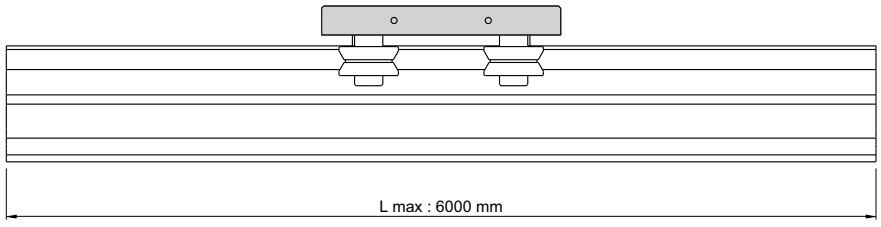
Load	Static	38X50	60X80	80X80
Fx	(N)	320	640	780
Fy	(N)	600	1760	2100
Fz	(N)	800	1505	1880
Moment				
Mx	(Nm)	70	120	150
My	(Nm)	85	125	165
Mz	(Nm)	65	162	175

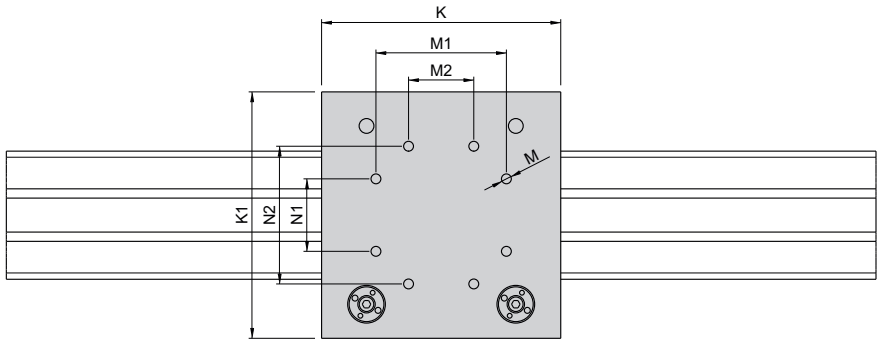
Technical Specifications

Body	;	38x50 / 60x80 / 80x80 Profilee (Aluminum 6063)
Movement Speed	;	5 mt/sn / 6 mt/sn / 8 mt/sn
Wedge	;	(M6x32) (M10x49,5) (M12x54) Straight and Eccentric
Induction Shaft	;	Ø6 / Ø10 / Ø12 Chrome Plated Induction Shaft 60-62 HRC h7
Bearing Block	;	LFR 50/8-6 / RV 201-12

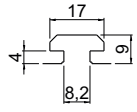
Technical Details





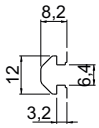


A (CHANNEL DETAIL)



38*50 Profilee Channel
80*80 Profilee Channel

B (CHANNEL DETAIL)



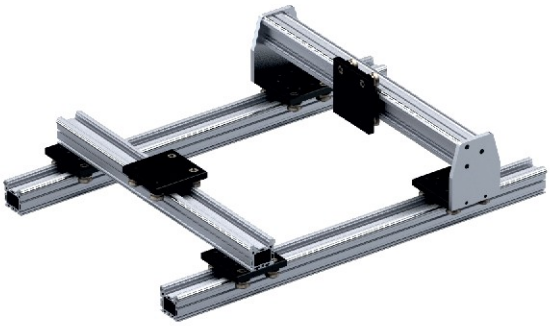
38*50 Profilee Channel
60*80 Profilee Channel
80*80 Profilee Channel

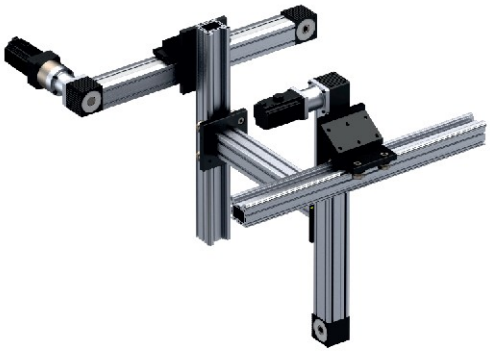
Car

CODE	STOCK NAME
6.1.01.038050.100100.1.4	38X50 Car
6.1.01.060080.150150.1.4	60X80 Car
6.1.01.080080.165165.1.4	80X80 Car

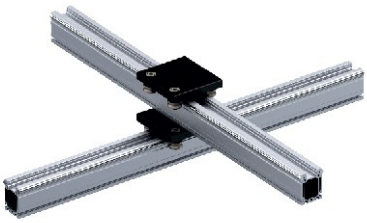
CODE	STOCK NAME	B	C	ØD	E1	E2	F	G	H	K	K1	M	M1	M2	N1	N2
5.1.01.038050.01.06	38x50 Bearding	14,5	69	6	50	38	15	-----	4	100	95	5	45	----	30	----
5.1.01.060080.01.10	60x80 Bearding	19,5	107	10	80	60	12	32	8,5	150	140	8	90	45	45	90
5.1.01.080080.01.12	80x80 Bearding	20	107,5	12	80	80	43	34	8	165	170	8	90	45	50	95

Applications

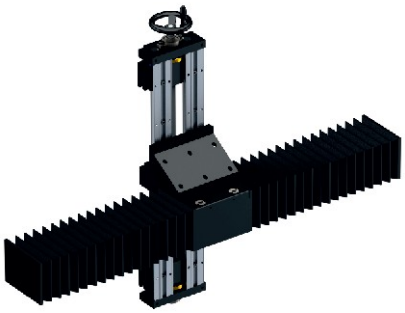


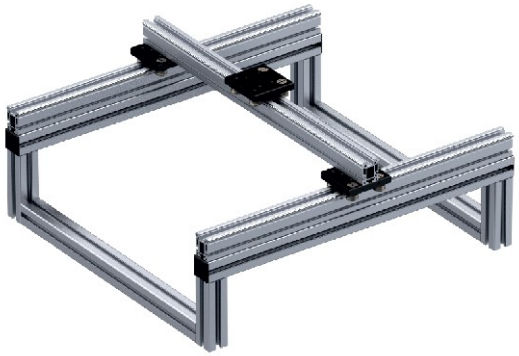


It is possible to create units suitable for the desired torque and at the specified stroke in Profilee guides.

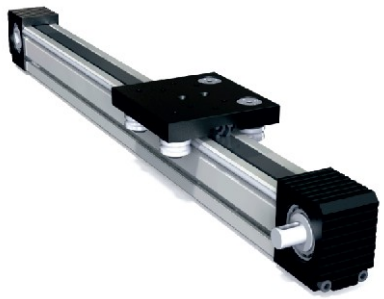


Different axial options can be provided according to the needs.



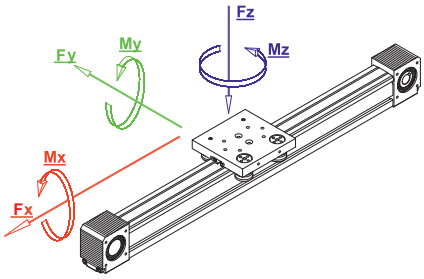


It is possible to benefit from special assembly elements for motion transmission in any direction.



Product code : 5.3.03.038050.1.01.2.Strok

Upload Values



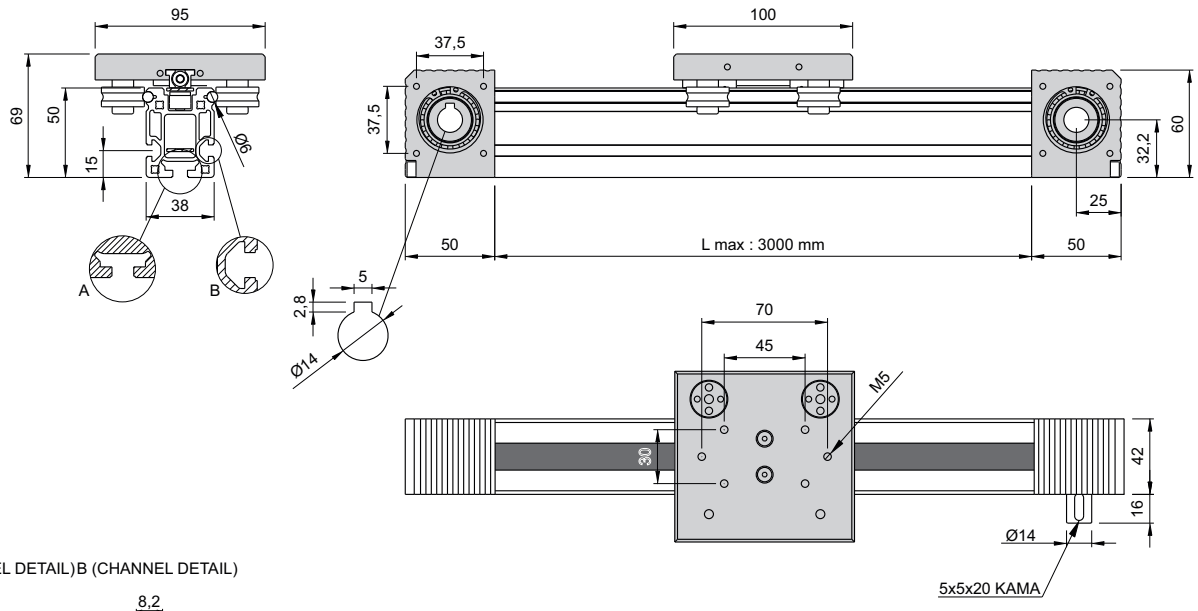
Load		Dynamic
Fx	(N)	320
Fy	(N)	800
Fz	(N)	500
Moment		
Mx	(Nm)	90
My	(Nm)	80
Mz	(Nm)	80

Technical Specifications

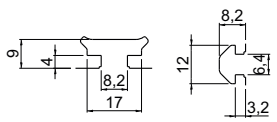
Body	;	38x50 Profilee (Aluminum 6063)
Movement Speed	;	5 mt/sn
Wedge	;	(M6x32) Straight and Eccentric
Movement Distance Per Tour	;	105 mm
Timing Belt	;	5M-15 Steel Wire Polyurethane NFT Diapered
Timing Pulley	;	Z21-5M-16F
Induction Shaft	;	Ø6 Chrome Plated Induction h7 mil
Bearing	;	LFR 50/8-6
Belt Tensile Force	;	1500 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	1,62 kg
Weight 1000mm Stroke	;	4 kg
Automation Control System	;	400 Watt Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

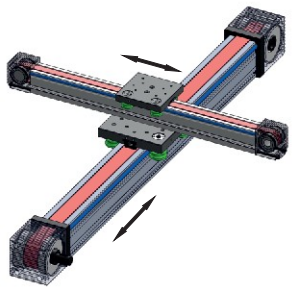
Technical Details

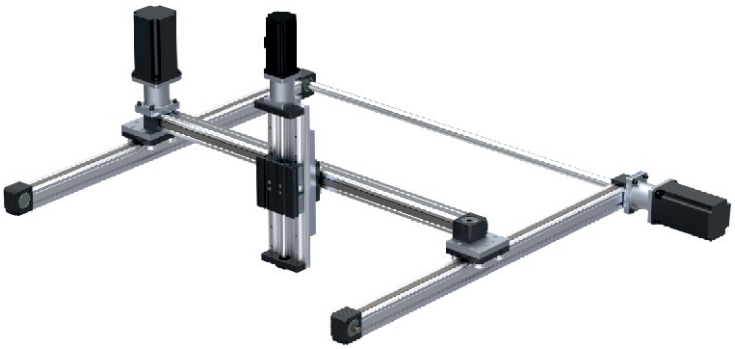


A (CHANNEL DETAIL)B (CHANNEL DETAIL)



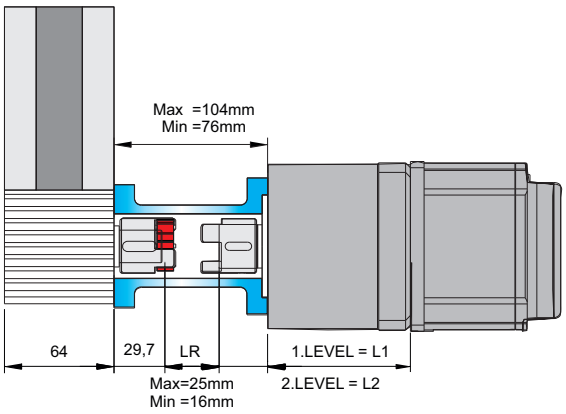
Applications

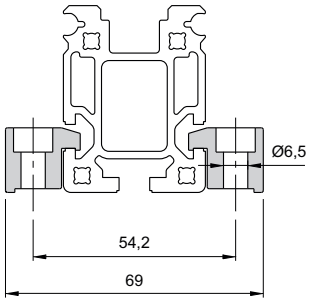




Reducer Connection Detail

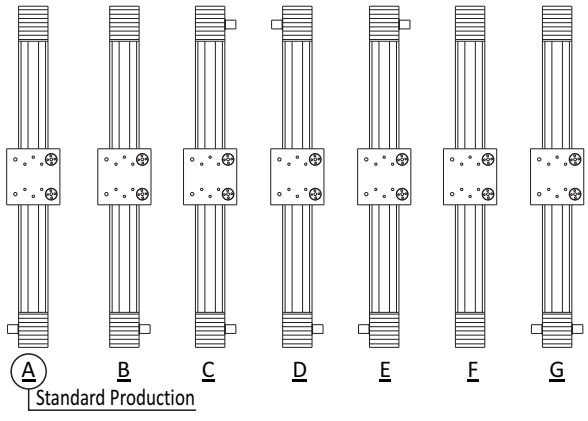
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 50 (200W For use)	50 mm	76 mm
PEC 70 (400W For use)	64 mm	92 mm

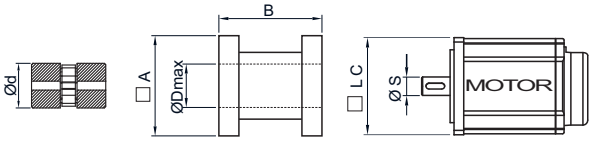
Drive Direction Options



Planetary Gearbox Cycle Rates

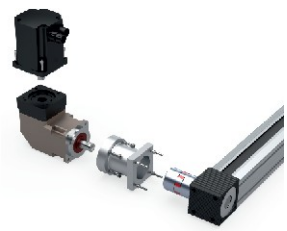
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 50 : 25 Nm
Maximum Tork PEC 70 : 79 Nm
Maximum Transfer : 6000 rpm

Coupling & Flange Selection



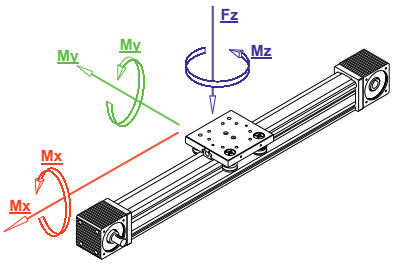
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85 x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation



Product code : 5.3.03.060080.1.02.2.Strok

Upload Values



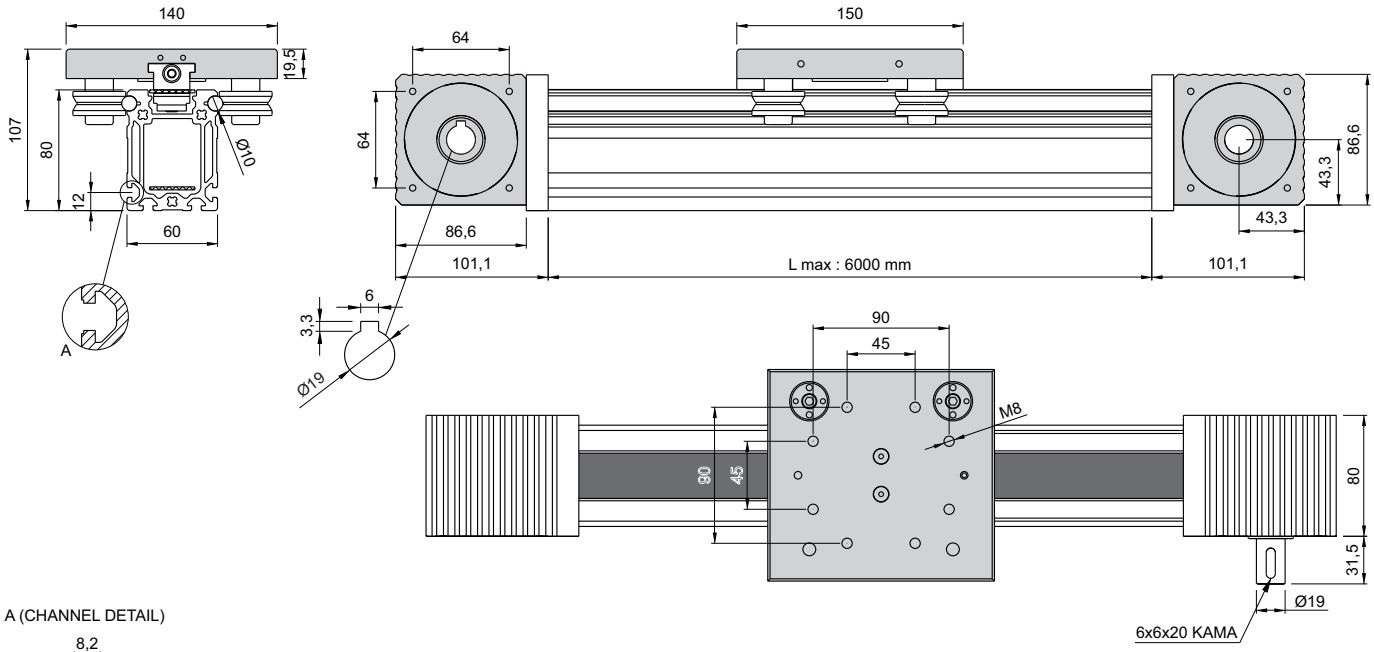
Load		Dynamic
Fx	(N)	640
Fy	(N)	1760
Fz	(N)	1505
Moment		
Mx	(Nm)	120
My	(Nm)	145
Mz	(Nm)	125

Technical Specifications

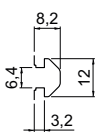
Body	;	60x80 Profilee (Aluminum 6063)
Movement Speed	;	6 mt/sn
Wedge	;	(M10x49,5) Straight and Eccentric
Movement Distance Per Tour	;	200 mm
Timing Belt	;	5M-30 Steel Wire Polyurethane NFT Diapered
Timing Pulley	;	Z40-5M-30F
Induction Shaft	;	Ø10 Chrome Plated Induction h7 mil
Bearing	;	RV 201-12 / LFR 5201-10
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	7,05 kg
Weight 1000mm Stroke	;	12,55 kg
Automation Control System	;	400 / 750 Watt Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

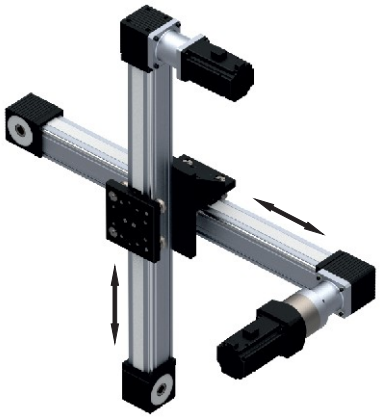


A (CHANNEL DETAIL)

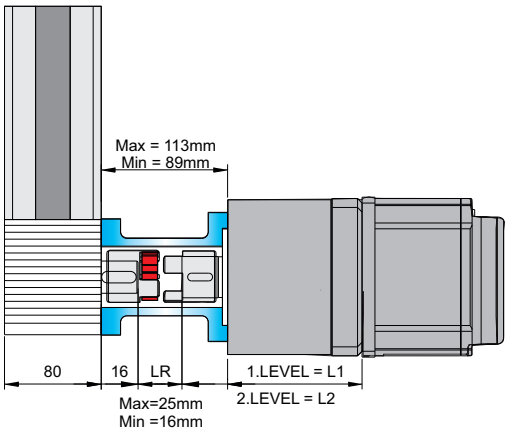


Applications

Reducer Connection Detail



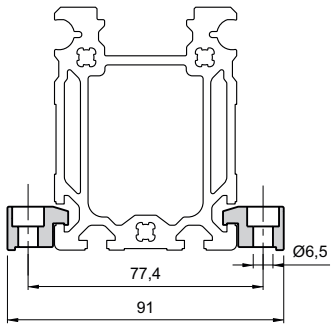
Connection Dimensions



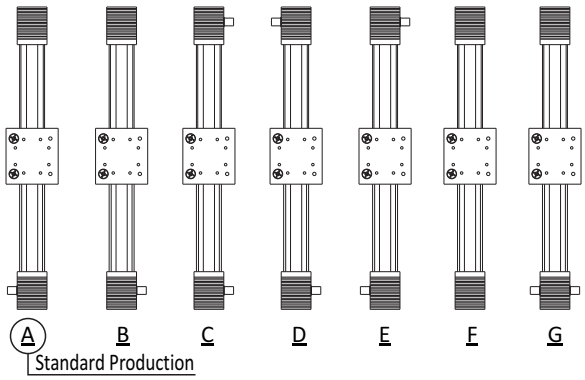
SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

Planetary Gearbox Cycle Rates

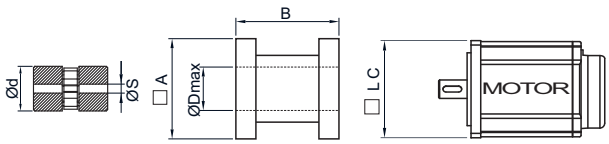
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Transfer : 6000 rpm



Drive Direction Options



Coupling & Flange Selection

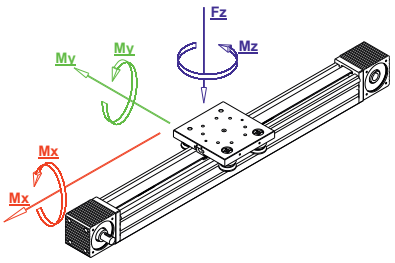


KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation

Product code : 5.3.03.080080.1.02.2.Strok

Upload Values



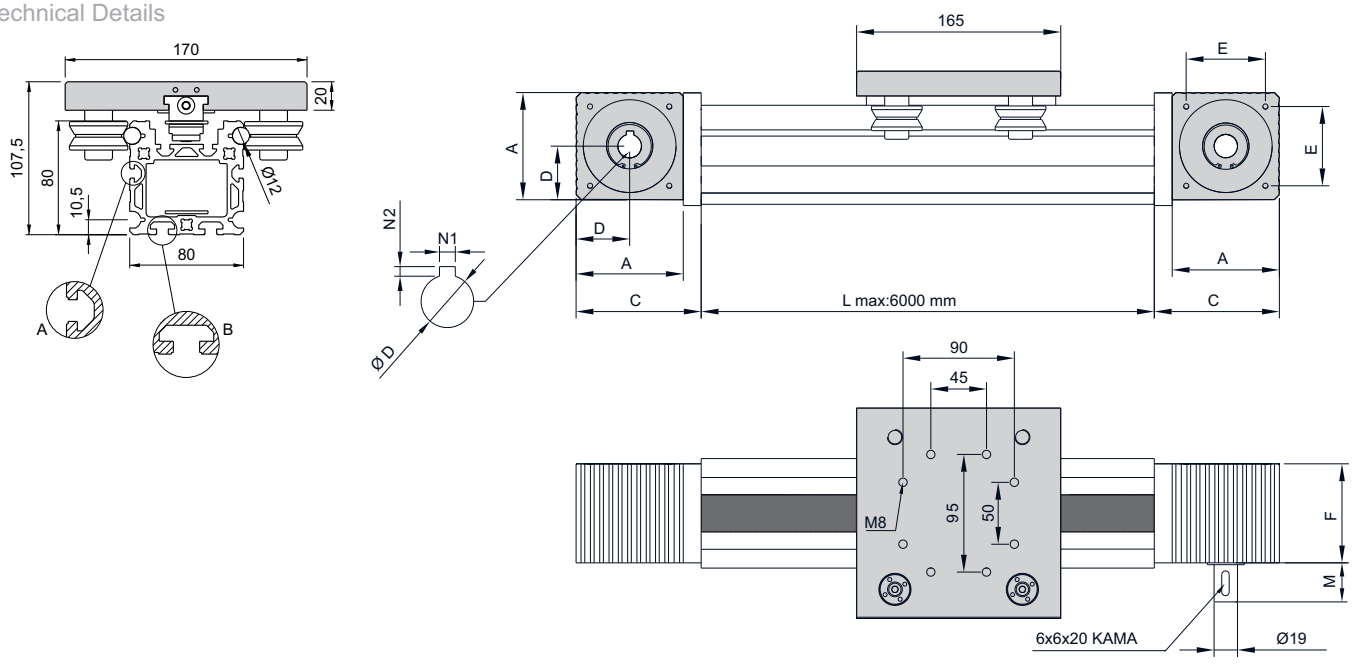
Load		Dynamic
Fx	(N)	780
Fy	(N)	2100
Fz	(N)	1880
Moment		
Mx	(Nm)	150
My	(Nm)	165
Mz	(Nm)	175

Technical Specifications

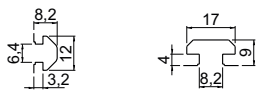
Body	;	80x80 Profilee (Aluminum 6063)
Movement Speed	;	6 mt/sn - 8 mt/sn
Wedge	;	(M12x54) Straight and Eccentric
Movement Distance Per Tour	;	192 mm - 200 mm
Timing Belt	;	5M-30 & 8M-50 Steel Wire Polyurethane NFT Diapered
Timing Pulley	;	Z40-5M-30F & Z24-8M-50F
Induction Shaft	;	Ø12 Chrome Plated Induction h7 mil
Bearing	;	RV201 - 12 / RV202 - 15
Belt Tensile Force	;	2000 - 3000 N
Timing Belt Pitch	;	5 mm - 8 mm
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	7,81 kg
Weight 1000mm Stroke	;	14,25 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

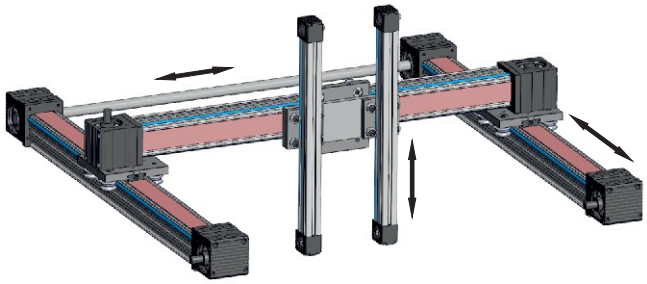


A (CHANNEL DETAIL) B (CHANNEL DETAIL)

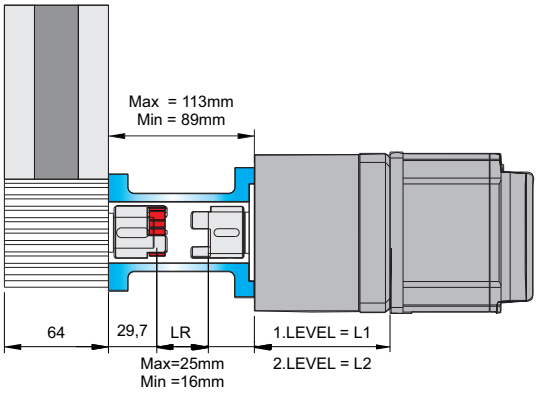


CODE	MODEL	A	C	D	E	F	M	N1	N2	ØD
5.3.03.080080.1.02.2.Strok	5M-30	86,6	101,1	43,3	64	80	31,5	6	3,3	19
5.3.03.080080.1.03.2.Strok	8M-50	100	114,5	50	70,7	101	33,7	8	4	25

Applications



Reducer Connection Detail

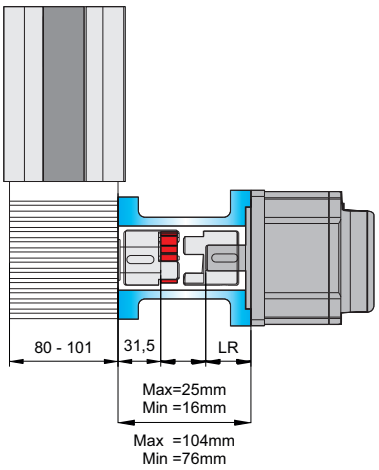


SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

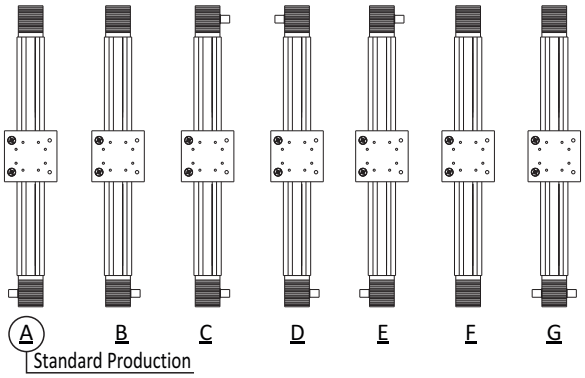
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Transfer : 6000 rpm

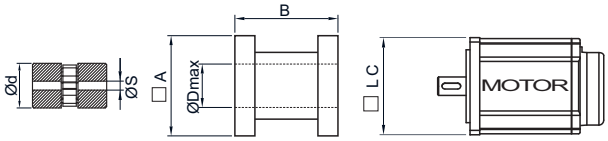
Motor Connection Detail



Drive Direction Options

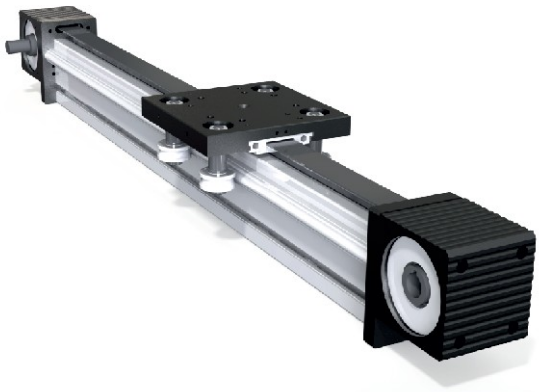


Coupling & Flange Selection



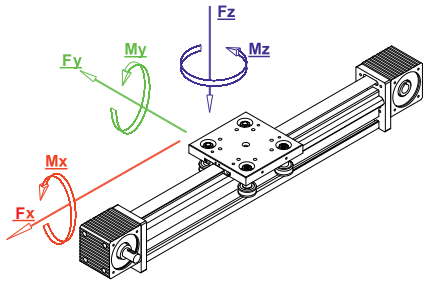
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.3.02.045090.1.02.2.Strok

Upload Values



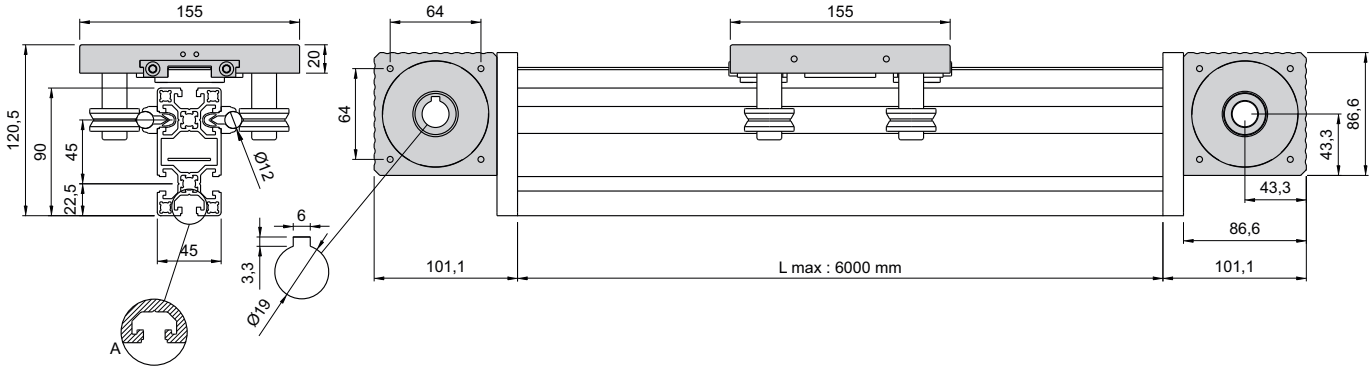
Load		Dynamic
Fx	(N)	615
Fy	(N)	860
Fz	(N)	1000
Moment		
Mx	(Nm)	75
My	(Nm)	70
Mz	(Nm)	86

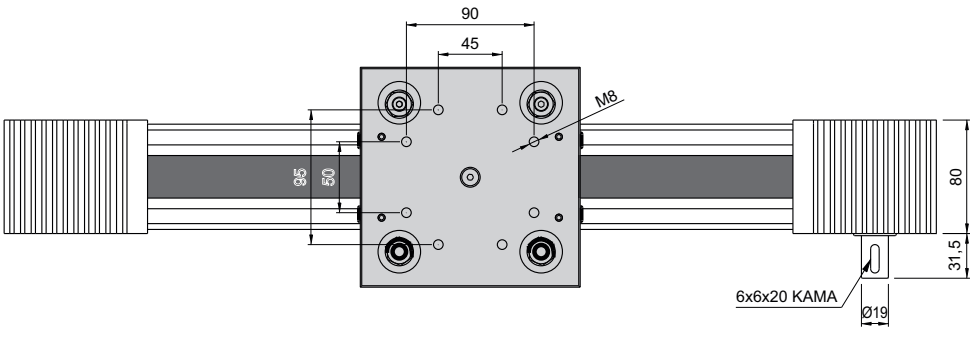
Technical Specifications

Body	;	45x90 Profile (Aluminum 6063)
Movement Speed	;	6 mt/sn - 8 mt/sn
Wedge	;	(M10x66) Straight and Eccentric
Movement Distance Per Tour	;	200 mm
Timing Belt	;	5M - 30F Çelik Telli NFT Diapered
Timing Pulley	;	Z40-5M-30F
Induction Shaft	;	Ø12 İndüksiyonlu Krom Kaplı h7 mil / HRC 60-62
Bearing	;	RV 201-12 KDD
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	7,17 kg
Weight 1000mm Stroke	;	13,3 kg
Automation Control System	;	400 / 750 Watt Omron Servo + PLC + Pano

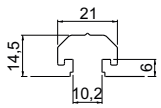
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

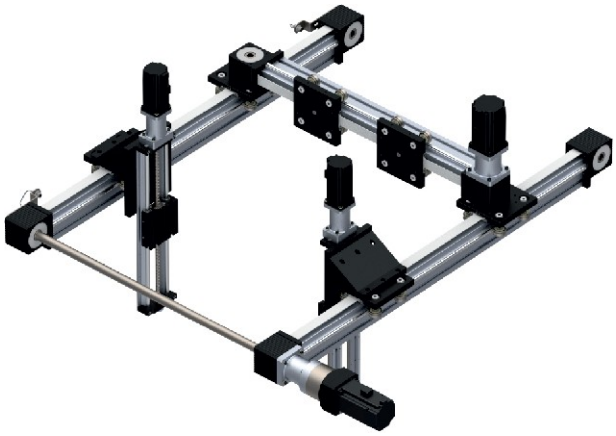




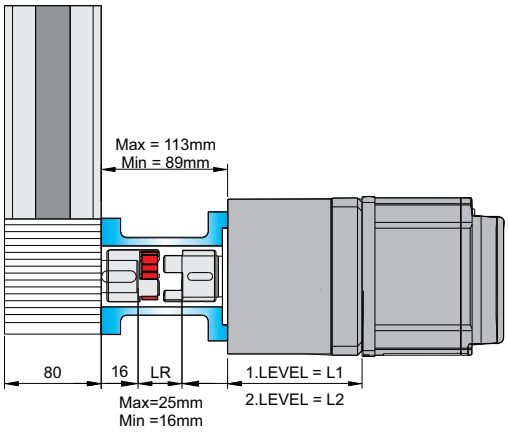
A (CHANNEL DETAIL)



Applications



Reducer Connection Detail

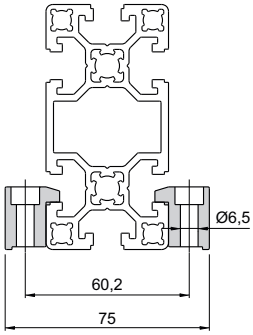


SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

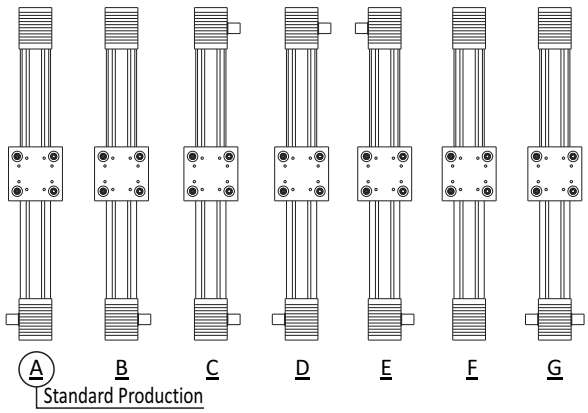
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-40-50-70
Maximum Tork PEC 70 : 78 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Transfer : 6000 rpm

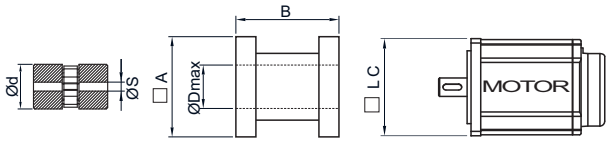
Connection Dimensions



Drive Direction Options

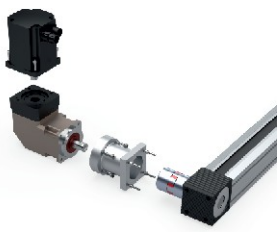


Coupling & Flange Selection

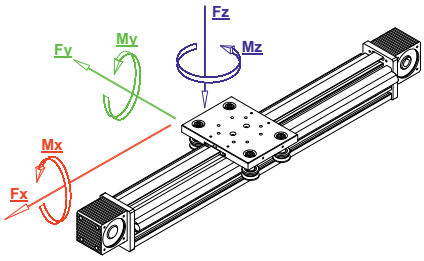


KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation



Upload Values



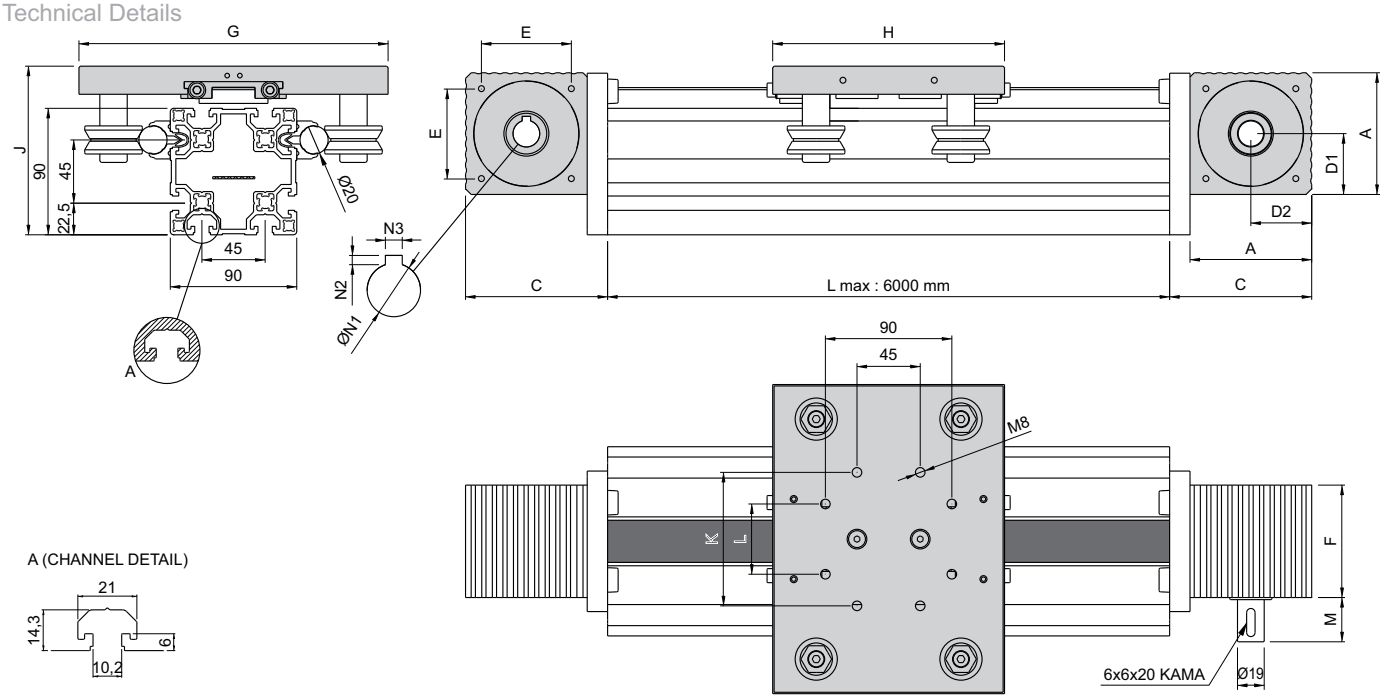
Load		Dynamic
Fx	(N)	915
Fy	(N)	1295
Fz	(N)	2460
Moment		
Mx	(Nm)	102
My	(Nm)	172
Mz	(Nm)	195

Technical Specifications

Body	;	90x90 Profilee (Aluminum 6063)
Movement Speed	;	6 mt/sn - 8 mt/sn
Wedge	;	(M12x68) Straight and Eccentric
Movement Distance Per Tour	;	200 mm / 192 mm
Timing Belt	;	5M-30F & 8M-50F Steel Wire Polyurethane NFT Diapered
Timing Pulley	;	Z40-5M-30F & Z24-8M-50
Induction Shaft	;	Ø20 İndüksiyonlu Krom Kaplı h7 mil / HRC 60-62
Bearing	;	RV 202-15 & RV 203-17
Belt Tensile Force	;	2000 N / 3000 N
Timing Belt Pitch	;	5 mm / 8 mm
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	9,81 kg
Weight 1000mm Stroke	;	23,74 kg
Automation Control System	;	750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

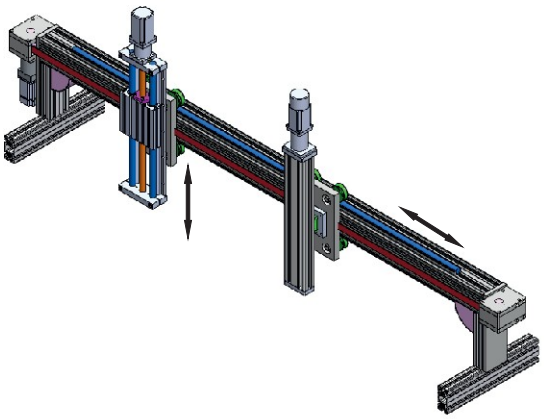
Technical Details

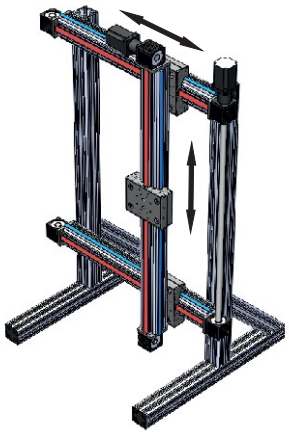


A (CHANNEL DETAIL)

CODE	MODEL	A	C	D1	D2	E	F	G	H	J	K	L	M	N1	N2	N3
5.3.02.090090.1.02.2.Strok	5M-30	86,6	101,1	43,3	43,3	64	80	220	165	120	95	50	31,5	19	3,3	6
5.3.02.090090.1.03.2.Strok	8M-50	100	114,5	41,5	45	70,7	101	250	185	126,6	140	45	33.75	25	4	8

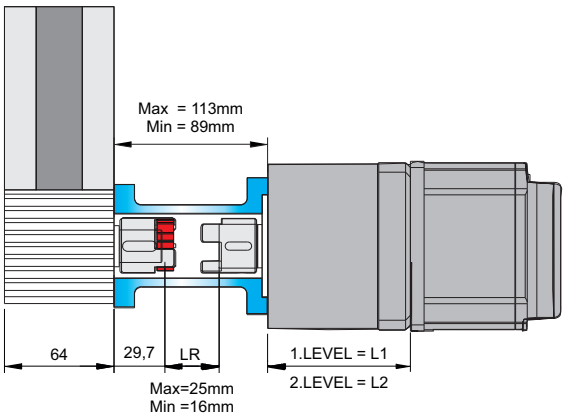
Applications

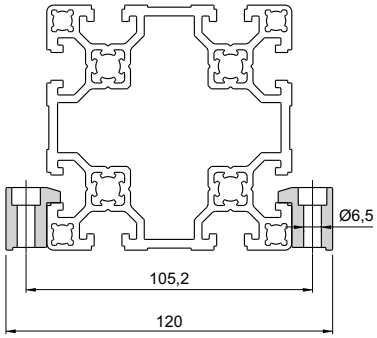




Reducer Connection Detail

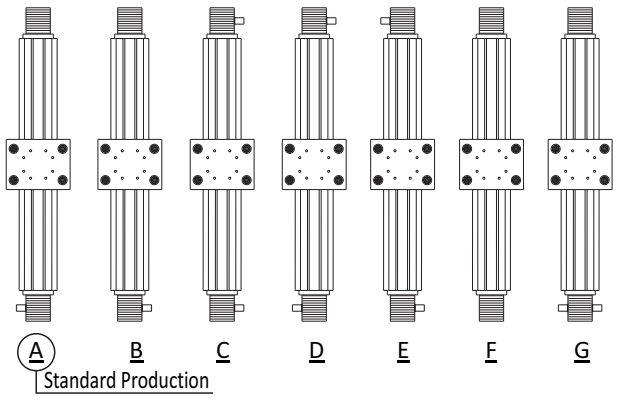
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

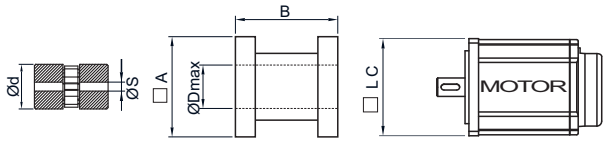
Drive Direction Options



Planetary Gearbox Cycle Rates

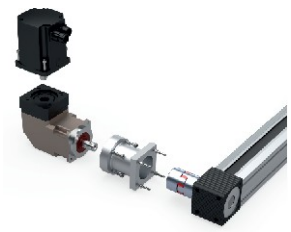
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Devir : 6000 rpm

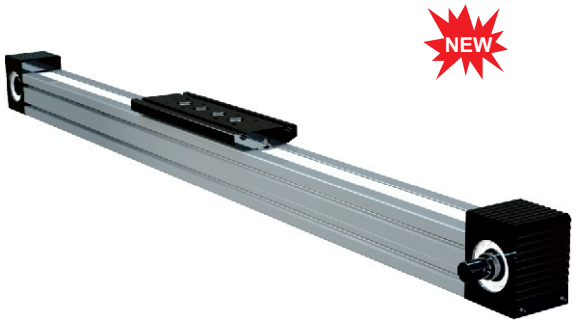
Coupling & Flange Selection



KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

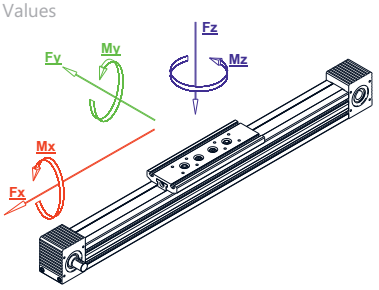
Types of Acupulation





Product code : 5.3.03.064064.1.02.4.Strok

Upload Values



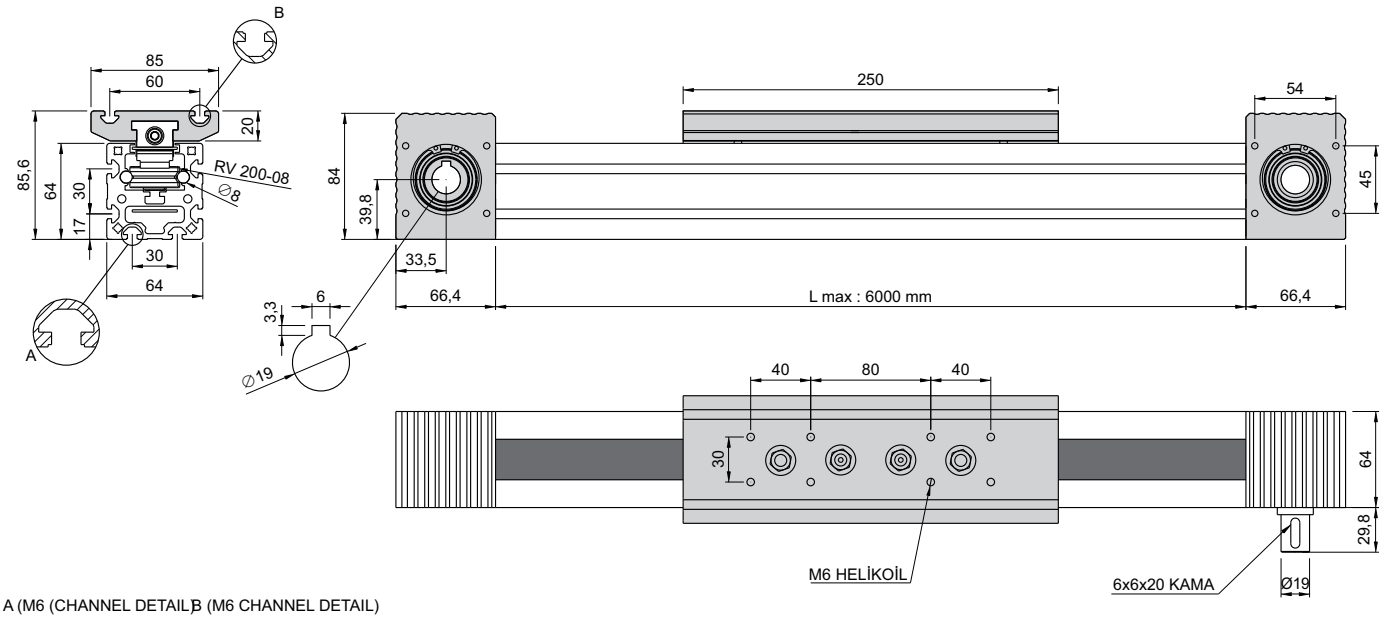
Load		Dynamic
Fx	(N)	1400
Fy	(N)	1150
Fz	(N)	1260
Moment		
Mx	(Nm)	430
My	(Nm)	510
Mz	(Nm)	470

Technical Specifications

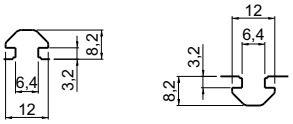
Body	;	64x64 Profile (Aluminum 6063)
Movement Speed	;	8 mt/sn
Wedge	;	(M8x52,3) Straight and Eccentric
Movement Distance Per Tour	;	130 mm
Timing Belt	;	5M-30 Çeliktelli poliüretan
Timing Pulley	;	Z26-5M-30F
Induction Shaft	;	Ø8 Krom Kaplı (0,2-0,33µm) indüksiyonlu
Bearing	;	RV 200-08 (M8xØ10xF6.6) Straight and Eccentric
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	4,95 kg
Weight 1000mm Stroke	;	9,75 kg
Automation Control System	;	400 / 750 Watt Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

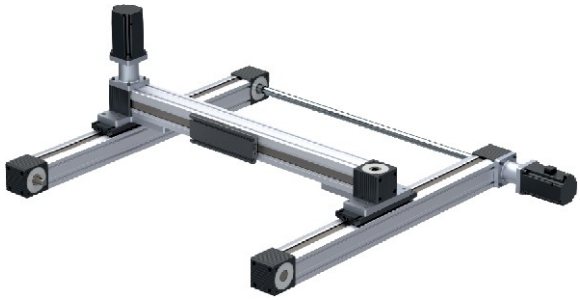
Technical Details



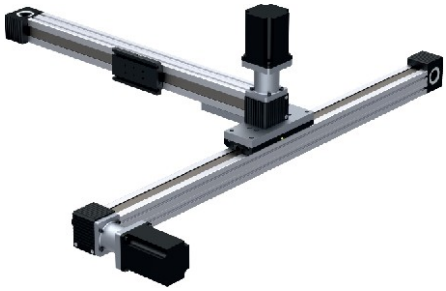
A (M6 (CHANNEL DETAILÞ (M6 CHANNEL DETAIL)



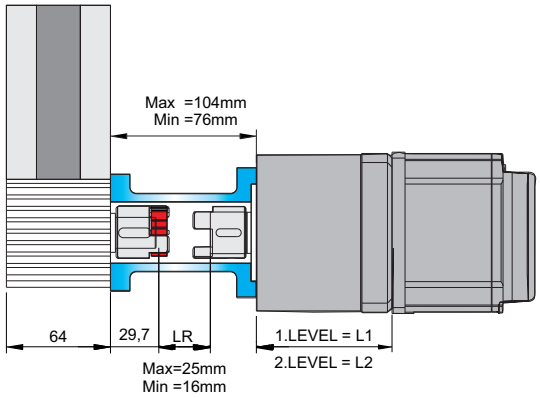
Applications



Reducer Connection Detail



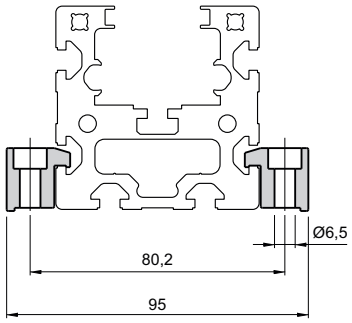
Connection Dimensions



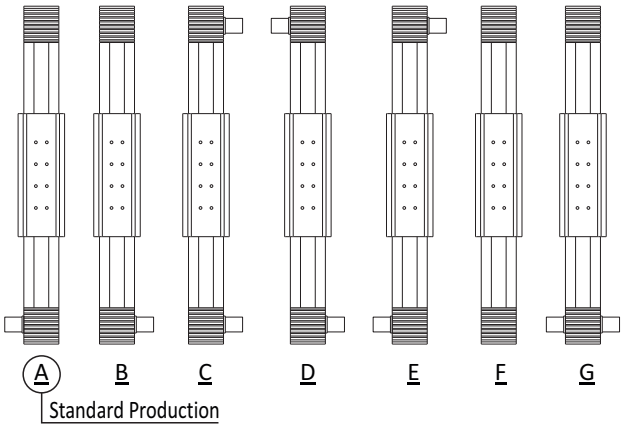
SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

Planetary Gearbox Cycle Rates

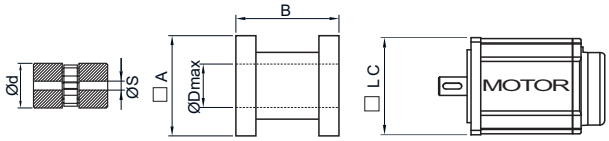
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Transfer : 6000 rpm



Drive Direction Options



Coupling & Flange Selection

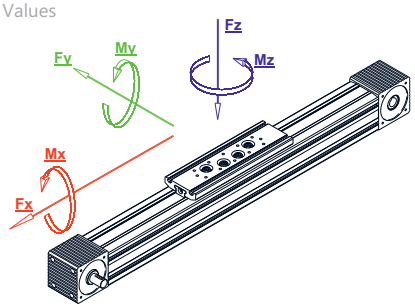


KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation

Product code : 5.3.03.080080.1.02.4.Strok

Upload Values



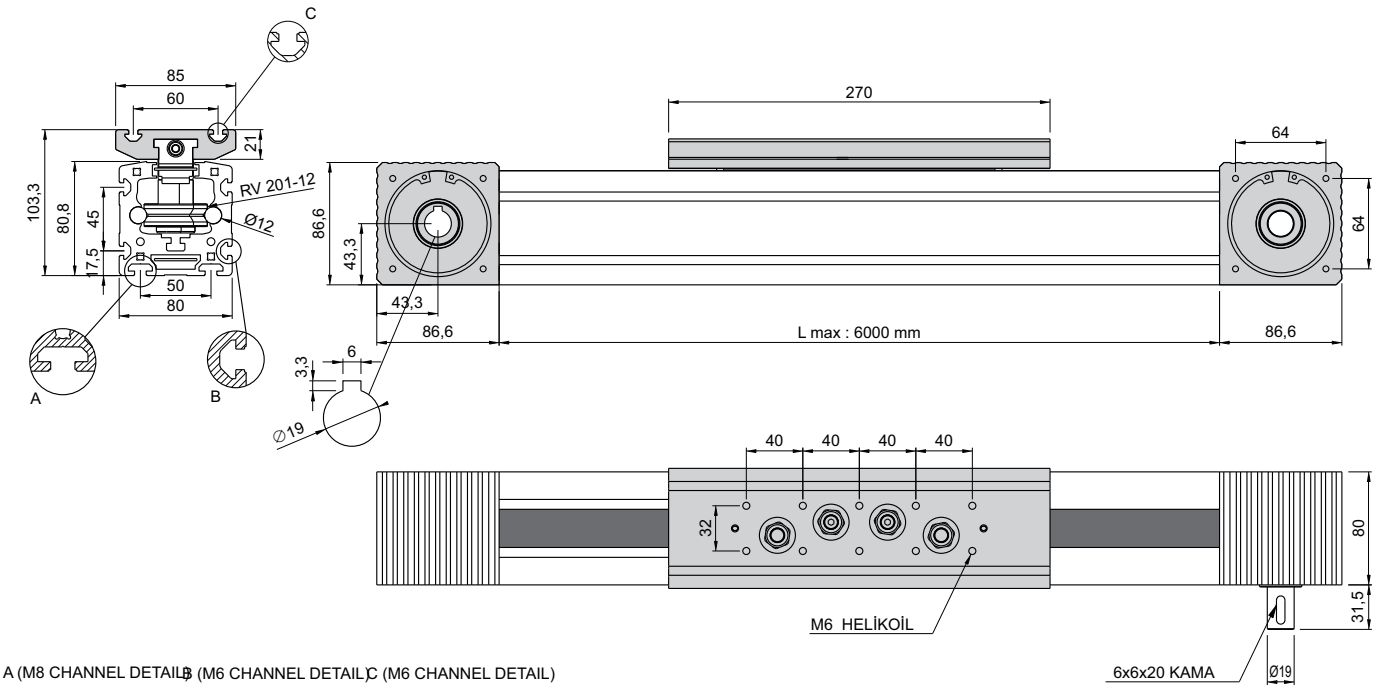
Load		Dynamic
Fx	(N)	1650
Fy	(N)	1320
Fz	(N)	1440
Moment		
Mx	(Nm)	650
My	(Nm)	720
Mz	(Nm)	680

Technical Specifications

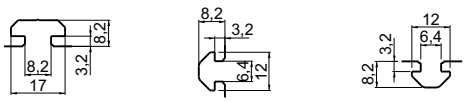
Body	;	80x80 Profile (Aluminum 6063)
Movement Speed	;	8 mt/sn
Wedge	;	(M10x71) Straight and Eccentric
Movement Distance Per Tour	;	200 mm Triger Kayışlı
Timing Belt	;	5M-30 Steel Wire Polyurethane
Timing Pulley	;	Z40-5M-30F
Induction Shaft	;	Ø12 Krom Kaplı (0,2-0,33µm) indüksiyonlu
Bearing	;	RV201-12(M10xØ12xF25) Straight and Eccentric
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	8,14 kg
Weight 1000mm Stroke	;	17,30 kg
Automation Control System	;	400 / 750 Watt Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

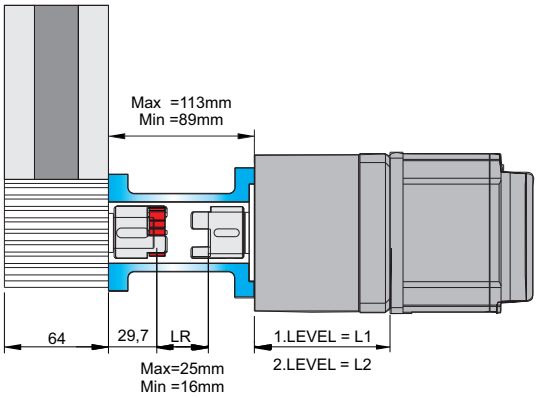


A (M8 CHANNEL DETAIL) B (M6 CHANNEL DETAIL) C (M6 CHANNEL DETAIL)



Connection Dimensions

Reducer Connection Detail

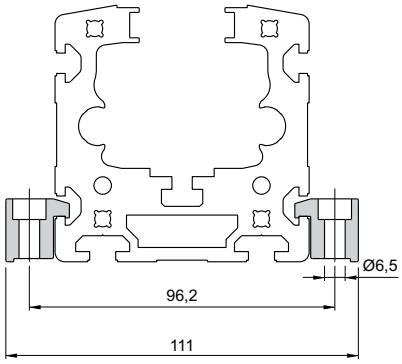


SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

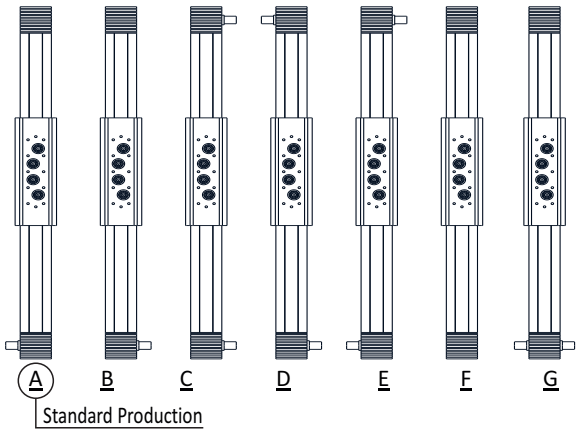
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-40-50-70
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm

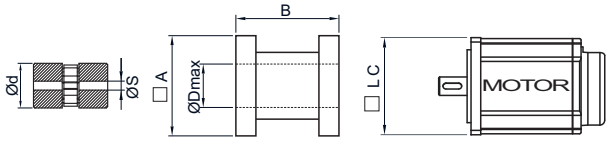
Connection Dimensions



Drive direction options

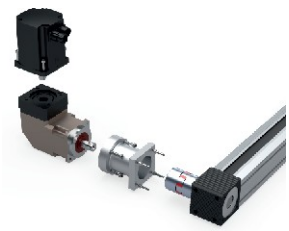


Coupling & Flange Selection



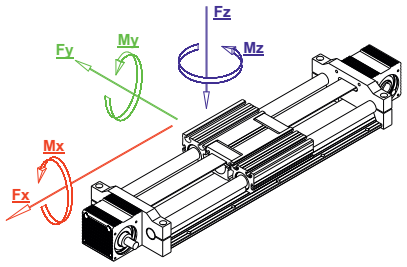
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.3.06.150150.3.02.2.Strok

Upload Values



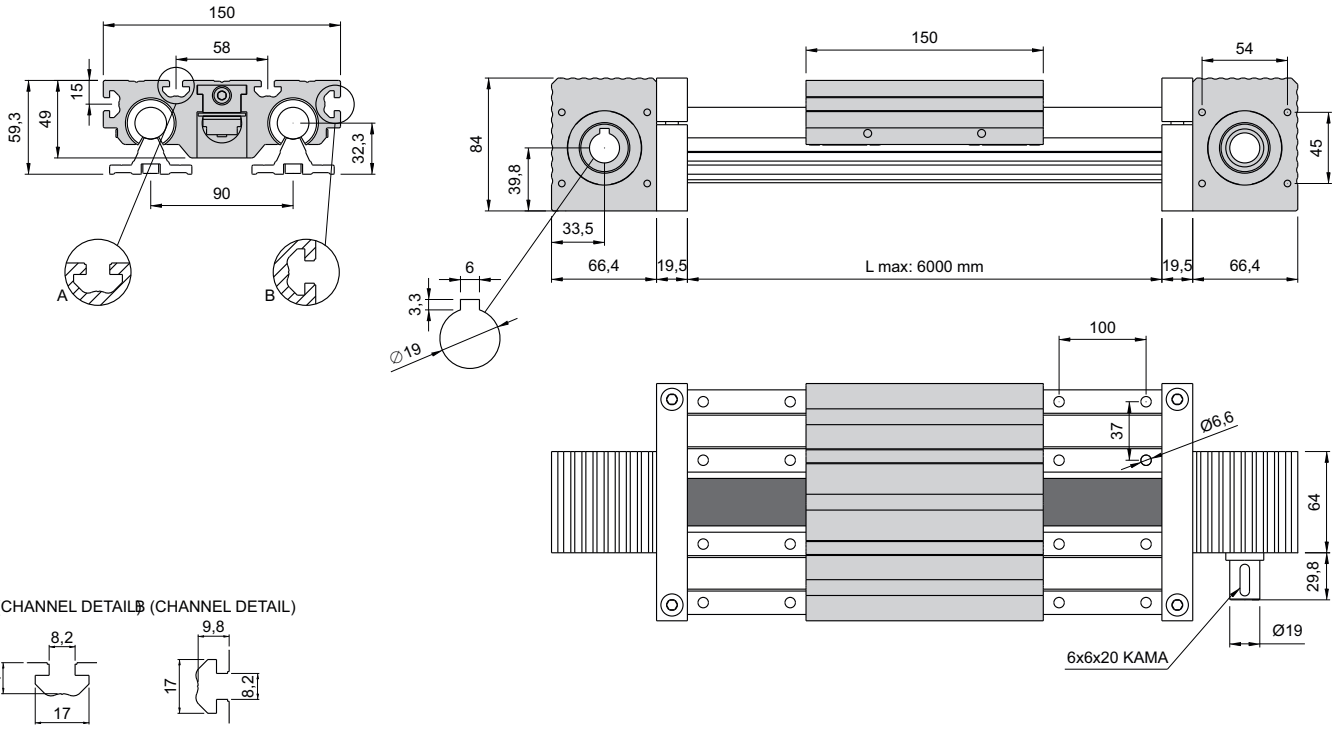
Load		Dynamic
Fx	(N)	618
Fy	(N)	1744
Fz	(N)	2180
Moment		
Mx	(Nm)	228
My	(Nm)	195
Mz	(Nm)	204

Technical Specifications

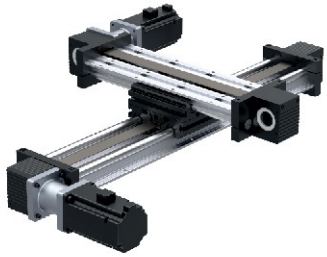
Body	;	Ø20 Mil Alt destek
Movement Speed	;	4 mt/sn
Movement Distance Per Tour	;	200 mm
Timing Belt	;	5M-30 Steel Wire Polyurethane
Timing Pulley	;	Z40-5M-30F
Induction Shaft	;	Ø20 İndüksiyonlu Krom Kaplı h7 mil / HRC 60-62
Bearing	;	LME 20 UU OP
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	5,4 kg
Weight 1000mm Stroke	;	8,7 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

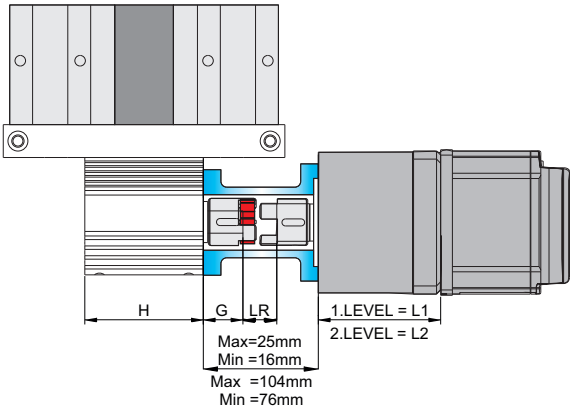


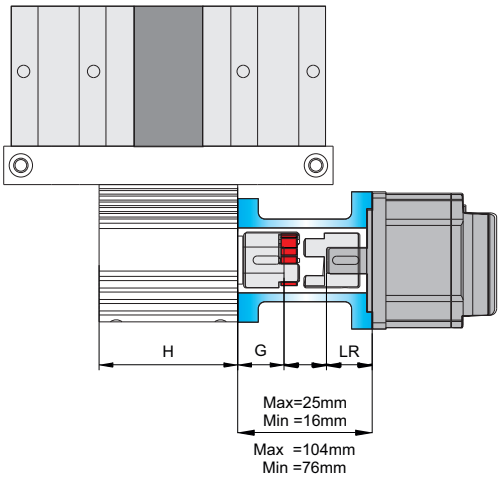
Applications



Reducer Connection Detail

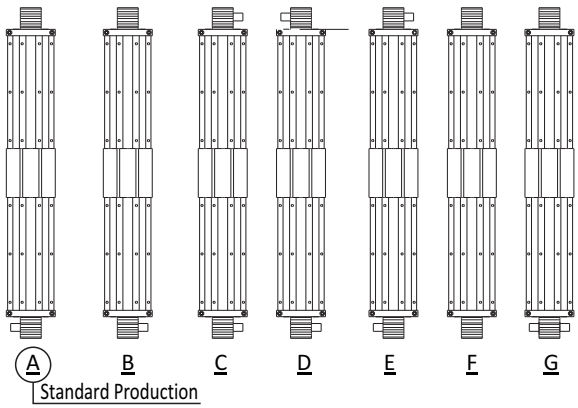
Motor Connection Detail





SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

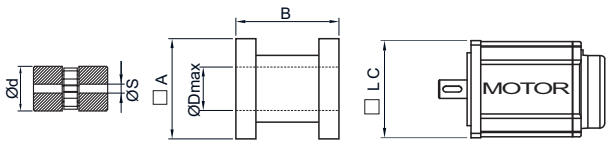
Drive Direction Options



Planetary Gearbox Cycle Rates

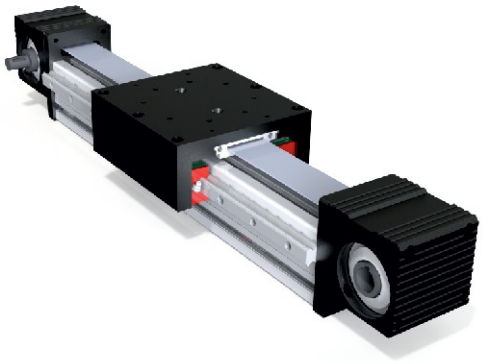
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Transfer : 6000 rpm

Coupling & Flange Selection



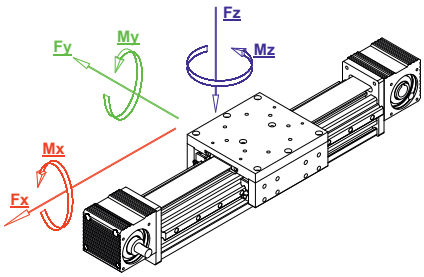
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation



Product code : 5.3.02.090090.2.03.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	950
Fy	(N)	2785
Fz	(N)	3863
Moment		
Mx	(Nm)	690
My	(Nm)	435
Mz	(Nm)	435

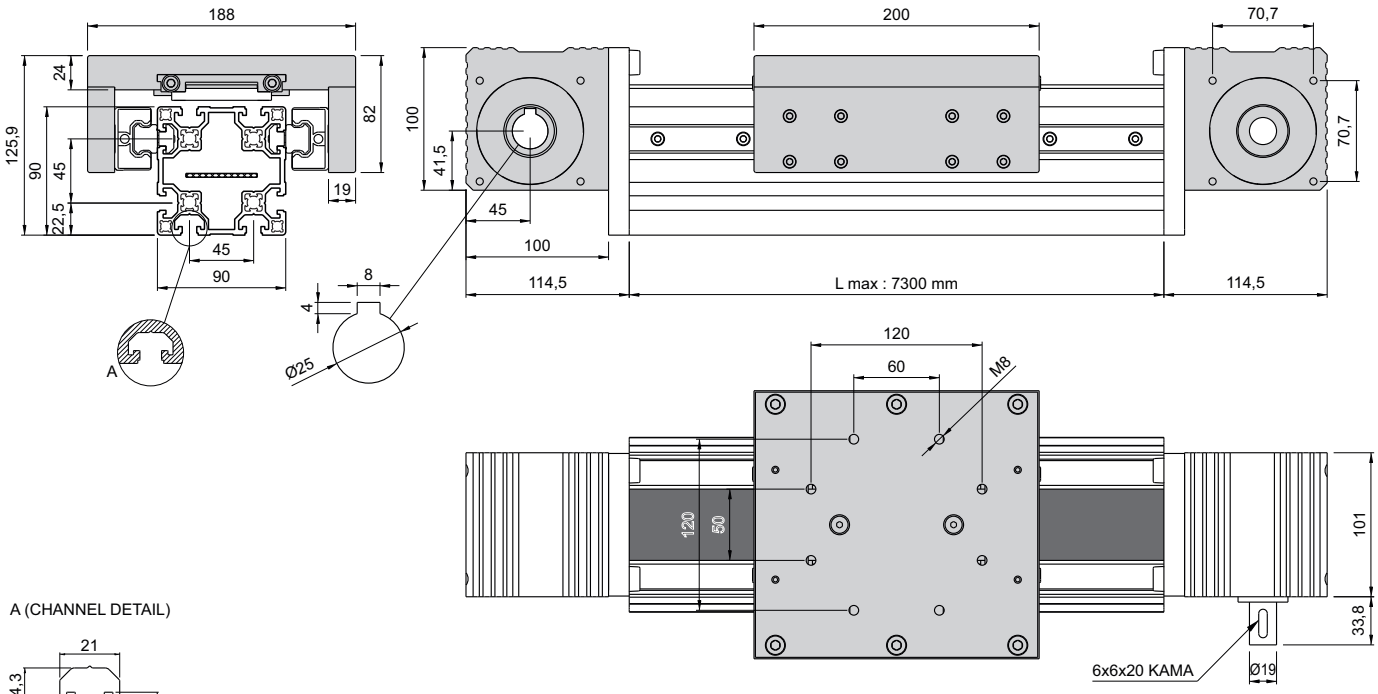
Note: 4 Evaluated according to the car.

Technical Specifications

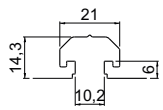
Body	;	90x90 Profile (Aluminum 6063)
Movement Speed	;	3 mt/sn
Movement Distance Per Tour	;	192mm
Timing Belt	;	8M-F50 Steel Wire Polyurethane
Timing Pulley	;	Z24-8M-50F
Linear Rail	;	20 lik Çift Linear Rail
Linear block	;	20 lik Dar Linear Car
Belt Tensile Force	;	3000 N
Timing Belt Pitch	;	8 mm
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	14,01 kg
Weight 1000mm Stroke	;	24,78 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

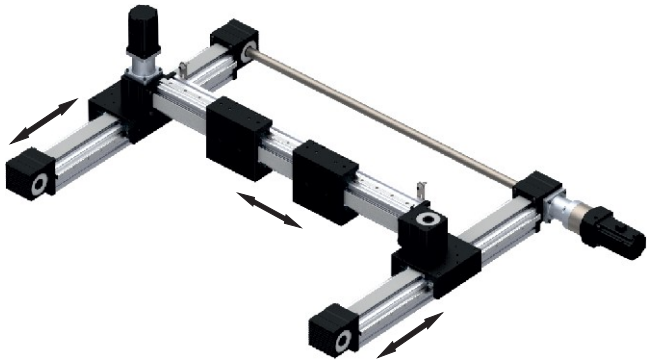
Technical Details



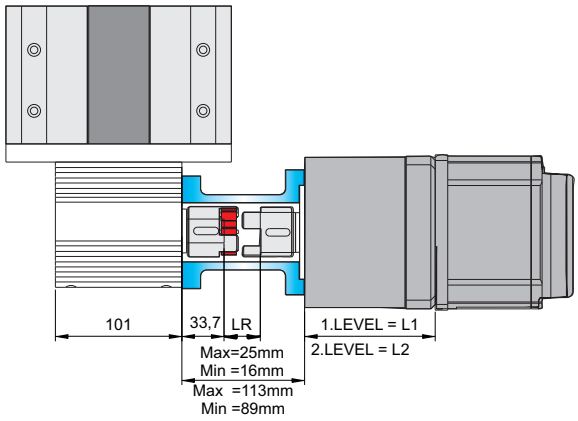
A (CHANNEL DETAIL)



Applications



Reducer Connection Detail

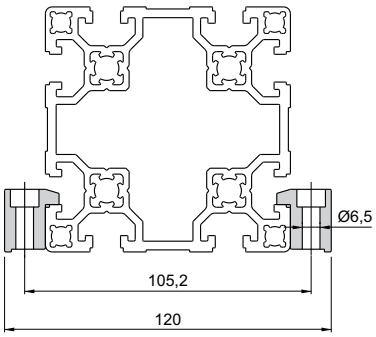


SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

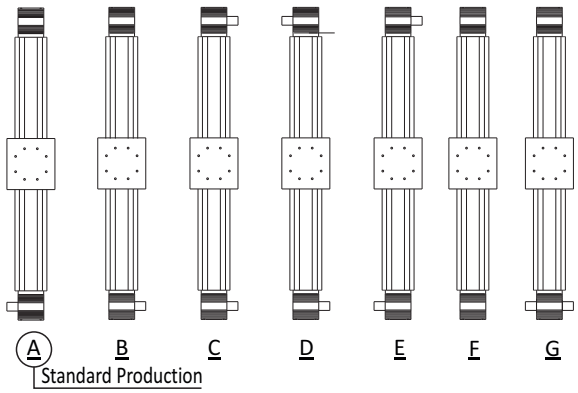
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Devir : 6000 rpm

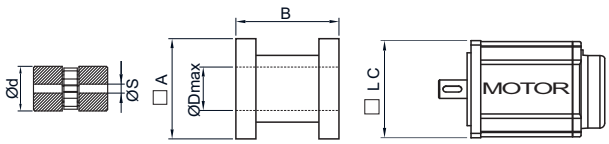
Connection Dimensions



Drive Direction Options

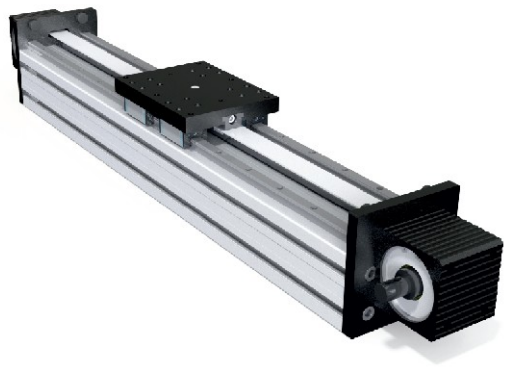


Coupling & Flange Selection



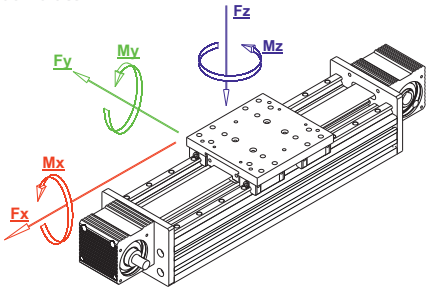
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Ürün CODEu/Product code : 5.3.02.090135.2.02.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	1350
Fy	(N)	3215
Fz	(N)	4560
Moment		
Mx	(Nm)	690
My	(Nm)	540
Mz	(Nm)	540

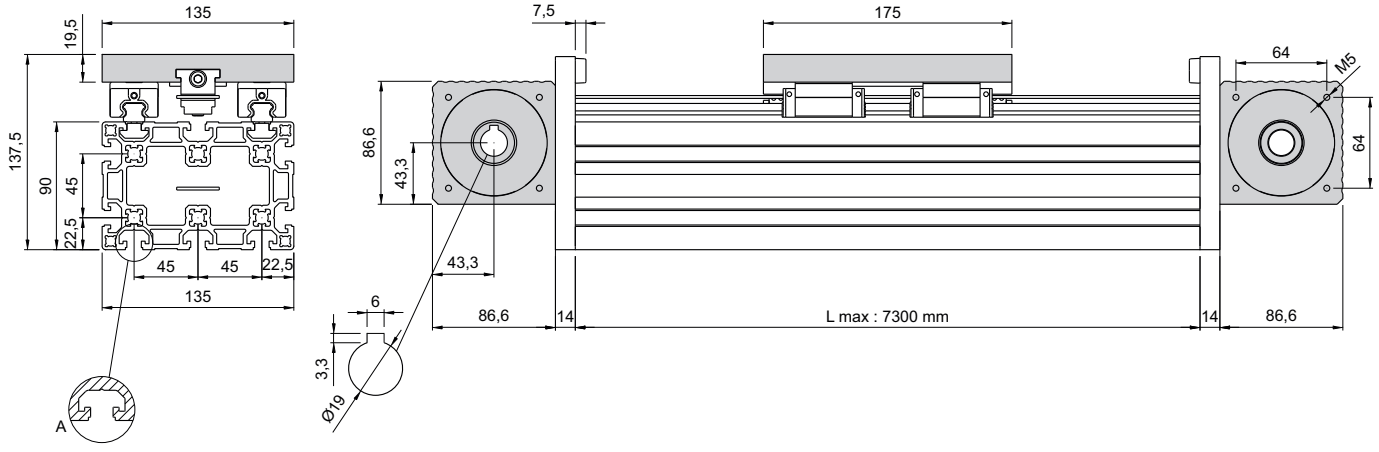
Note: 4 Evaluated according to the car.

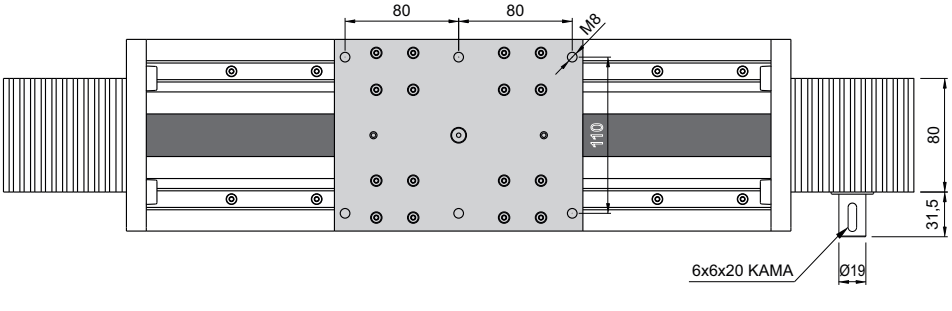
Technical Specifications

Body	;	90x135 Profile (Aluminum 6063)
Movement Speed	;	3 mt/sn
Movement Distance Per Tour	;	130mm
Timing Belt	;	5M-30F Steel Wire Polyurethane
Timing Pulley	;	5m-F30 Z=26
Linear Rail	;	15 lik Linear Rail (THK)-(DMS)
Linear block	;	15 lik Narrow Low Linear Car
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	8,91 kg
Weight 1000mm Stroke	;	21,37 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

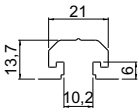
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

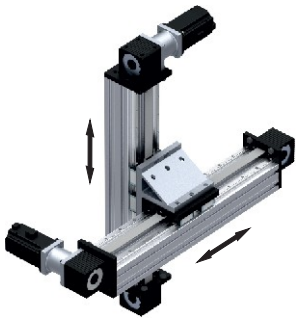


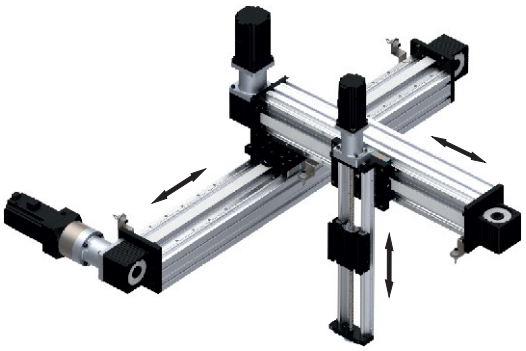


A (CHANNEL DETAIL)



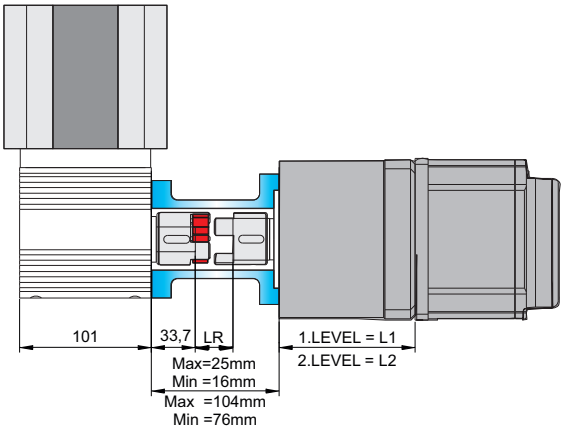
Applications

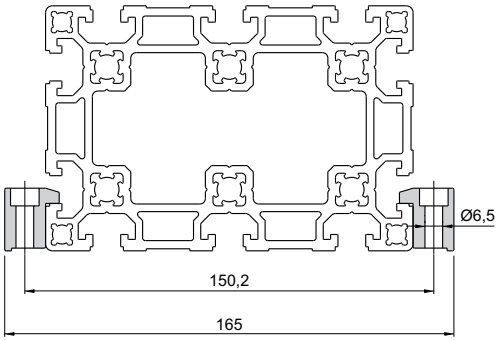




Reducer Connection Detail

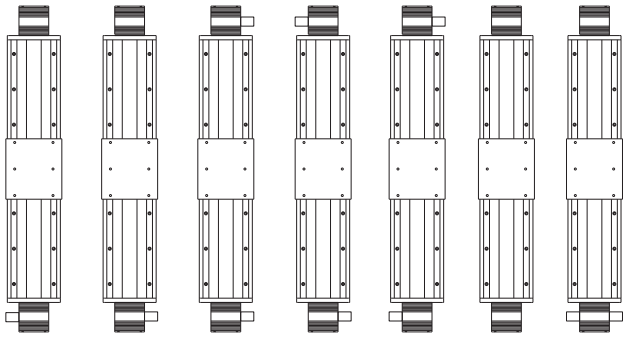
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

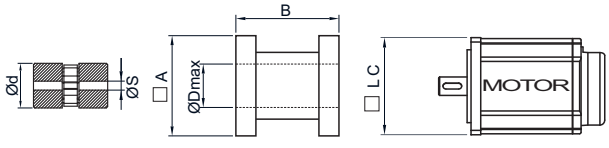
Drive Direction Options



Planetary Gearbox Cycle Rates

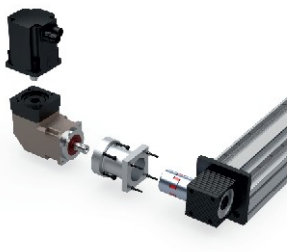
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Transfer : 6000 rpm

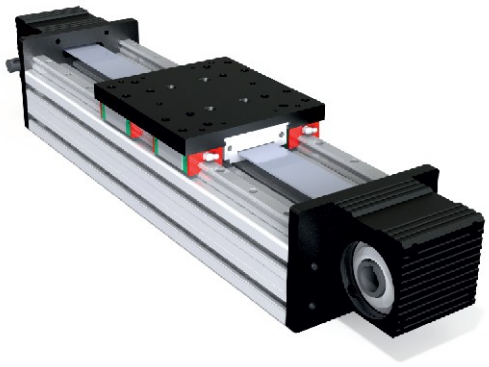
Coupling & Flange Selection



KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

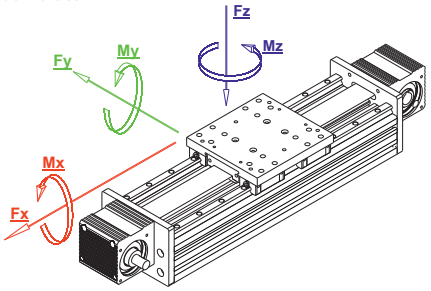
Types of Acupulation





Product code : 5.3.02.090180.2.03.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	1650
Fy	(N)	4300
Fz	(N)	12600
Moment		
Mx	(Nm)	1447
My	(Nm)	1613
Mz	(Nm)	1613

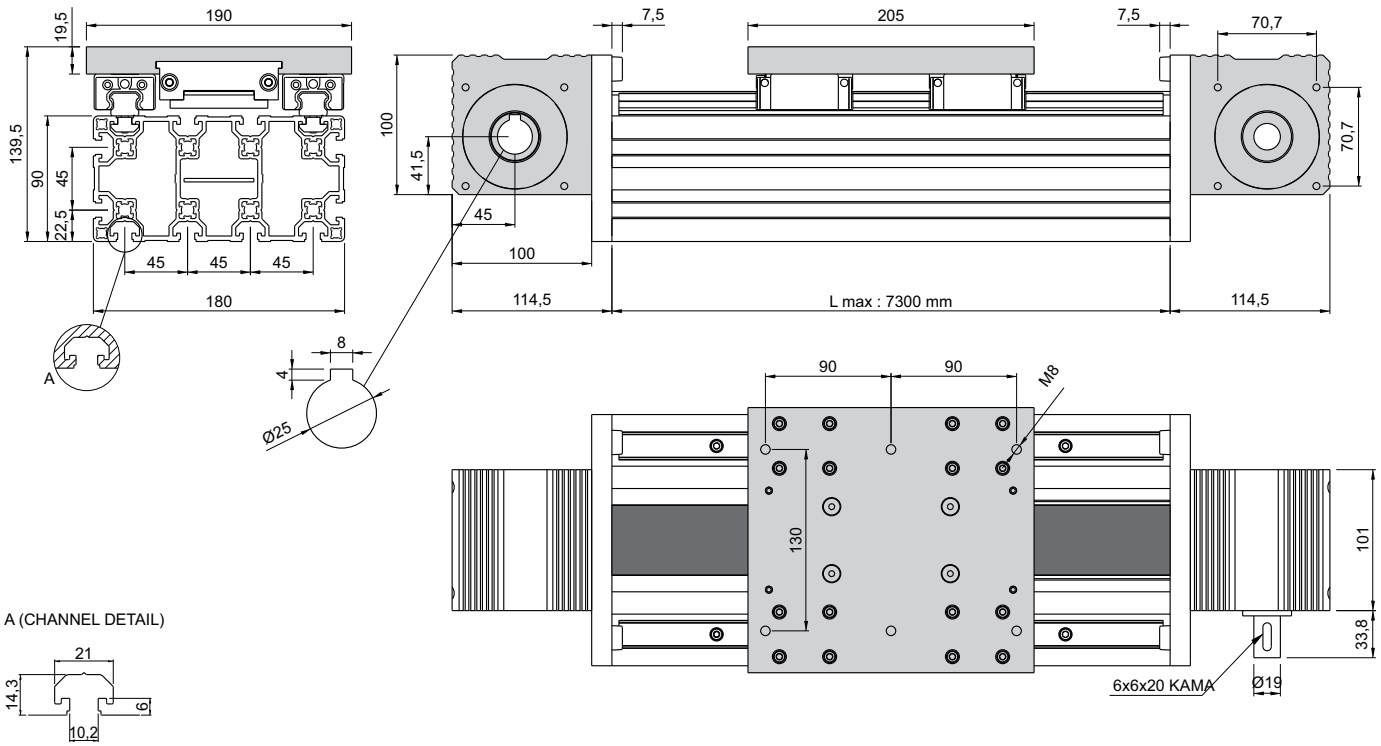
Note: 4 Evaluated according to the car.

Technical Specifications

Body	;	90x180 Profile (Aluminum 6063)
Max Speed	;	3 mt/sn
Movement Distance Per Tour	;	192mm
Timing Belt	;	8M-F50 Steel Wire Polyurethane
Timing Pulley	;	Z24-8M-50F
Linear Rail	;	20 lik Lineer Ray
Linear Block	;	20 lik Dar Lineer Araba
Belt Tensile Force	;	3000 N
Belt Pitch	;	8 mm
Positioning accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	15,02 kg
Weight 1000mm Stroke	;	31,15 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

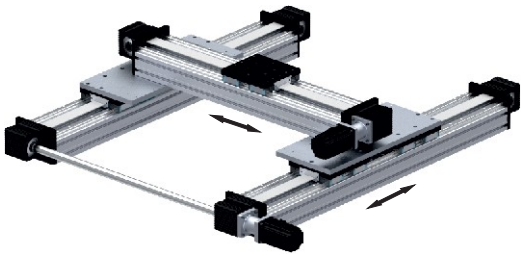
Technical Details



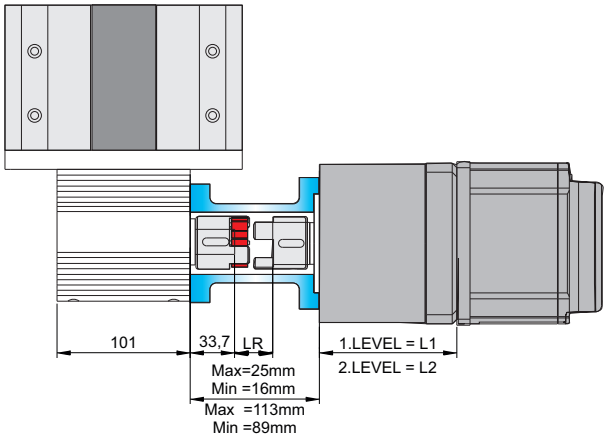
A (CHANNEL DETAIL)

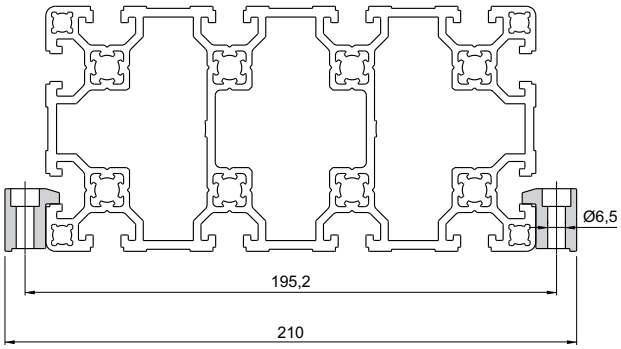
Applications

Reducer Connection Detail



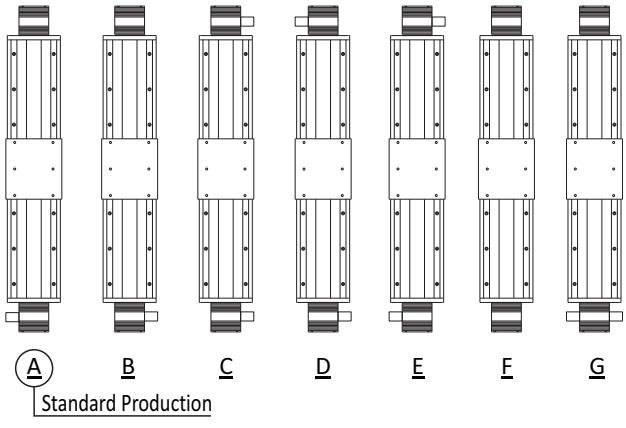
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

Drive Direction Options

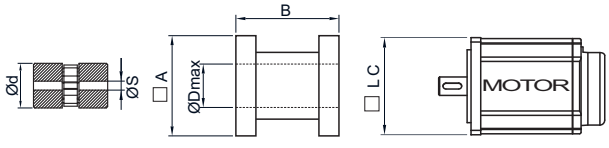


Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100

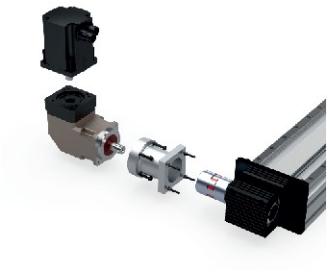
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Devir : 6000 rpm

Coupling & Flange Selection



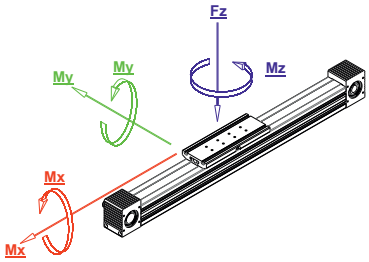
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.3.03.064064.2.02.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	2200
Fy	(N)	2460
Fz	(N)	4240
Moment		
Mx	(Nm)	385
My	(Nm)	415
Mz	(Nm)	540

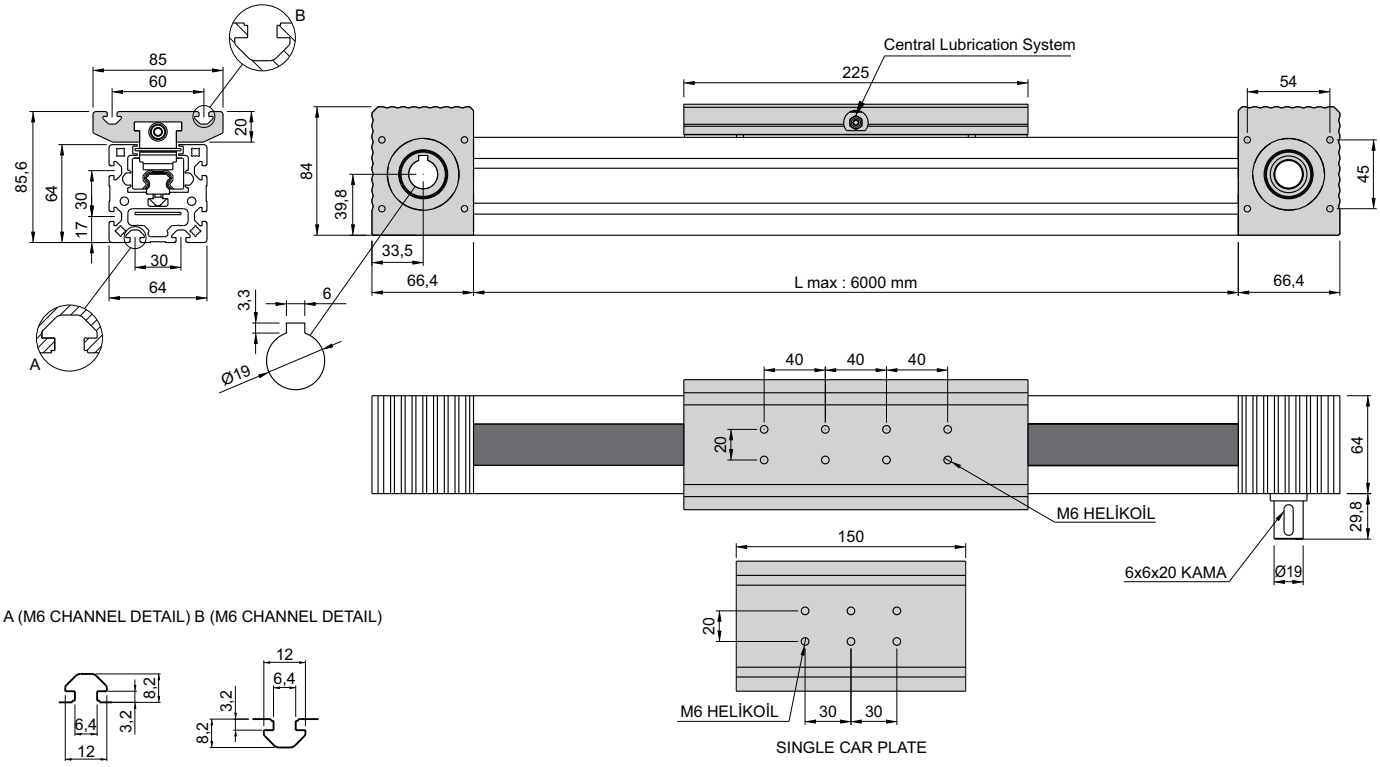
Note: 2 Rated by car.

Technical Specifications

Body	;	64x64 Profile (Aluminum 6063)
Movement Speed	;	4 mt/sn
Movement Distance Per Tour	;	130mm
Timing Belt	;	5m-F30 Z=26
Timing Pulley	;	5M-30 Steel Wire Polyurethane
Linear Rail	;	15 lik Linear Rail
Linear block	;	15 lik Narrow Low Linear Car
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	4.6 kg
Weight 1000mm Stroke	;	10.7 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

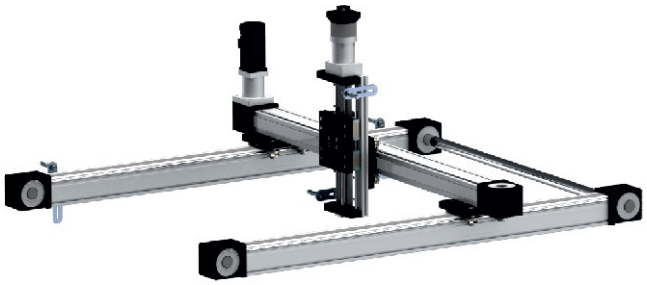
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

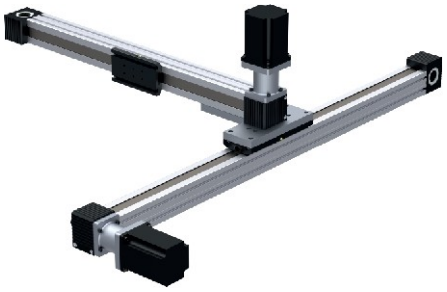
Technical Details



A (M6 CHANNEL DETAIL) B (M6 CHANNEL DETAIL)

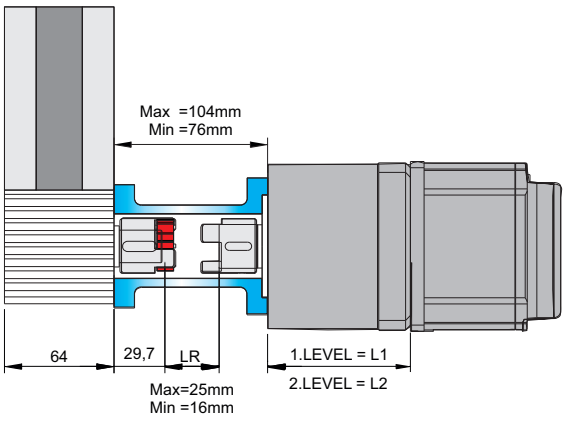
Applications

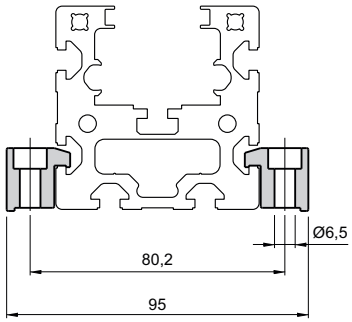




Reducer Connection Detail

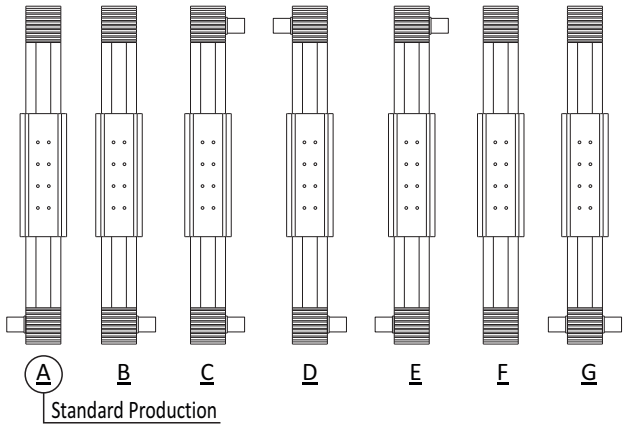
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

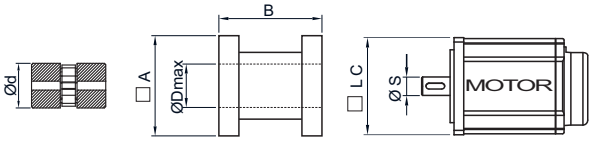
Drive Direction Options



Planetary Gearbox Cycle Rates

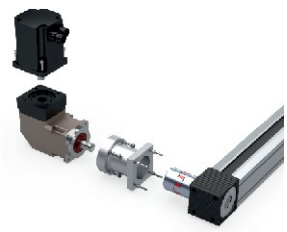
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Transfer : 6000 rpm

Coupling & Flange Selection



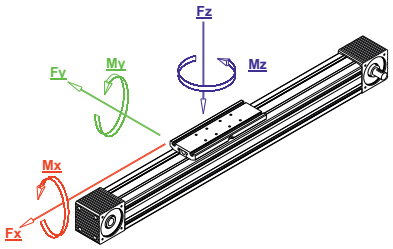
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation



Product code : 5.3.03.080080.2.02.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	2400
Fy	(N)	2760
Fz	(N)	7260
Moment		
Mx	(Nm)	412
My	(Nm)	465
Mz	(Nm)	580

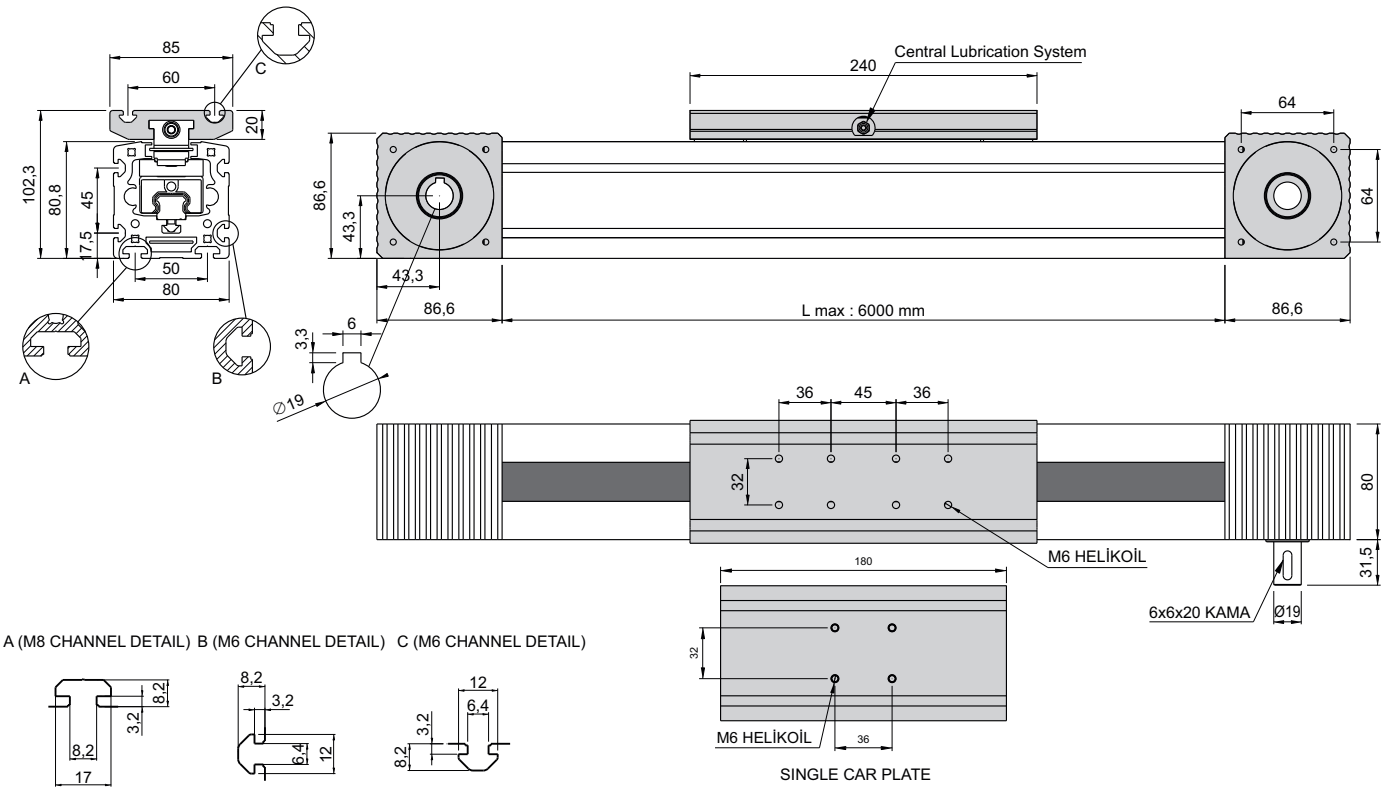
Note: 2 Evaluated according to the car.

Technical Specifications

Body	;	80x80 Profile (Aluminum 6063)
Max Speed	;	5 mt/sn
Movement Distance Per Tour	;	200mm
Timing Belt	;	5M-F30 NFT diapered
Timing Pulley	;	5m-F30 Z=40
Linear Rail	;	20 lik Linear Ray
Linear Block	;	20 lik Narrow Low Linear Car
Belt Tensile Force	;	2000 N
Belt Pitch	;	5 mm
Positioning accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	7,7 kg
Weight 1000mm Stroke	;	17,2 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

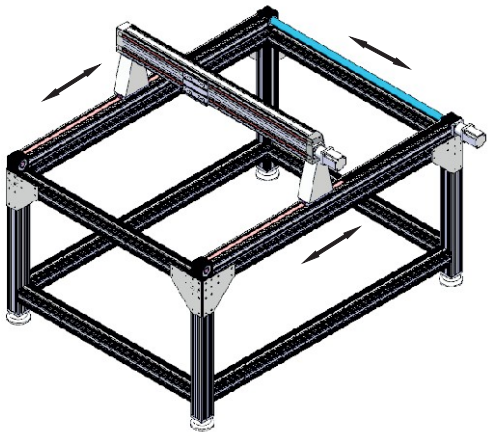
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

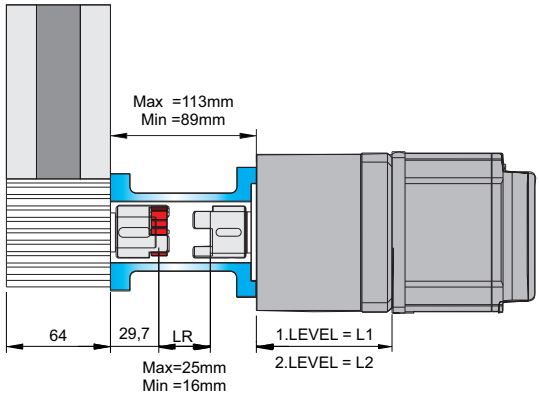


A (M8 CHANNEL DETAIL) B (M6 CHANNEL DETAIL) C (M6 CHANNEL DETAIL)

Applications



Reducer Connection Detail

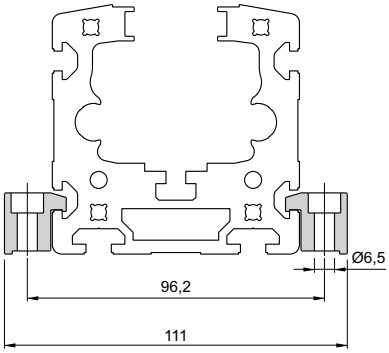


SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

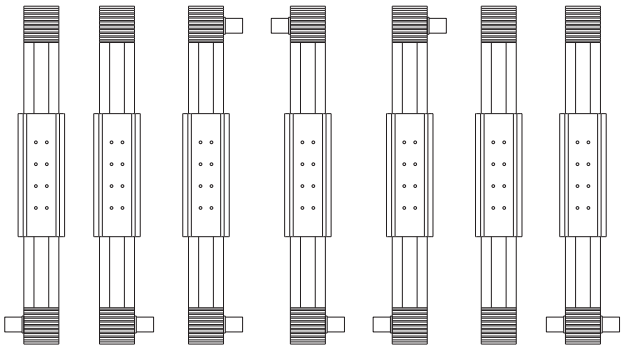
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Devir : 6000 rpm

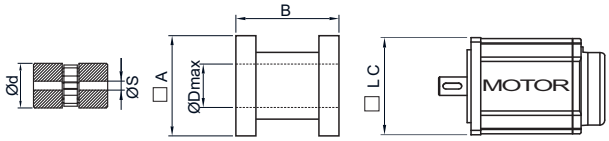
Connection Dimensions



Drive Direction Options

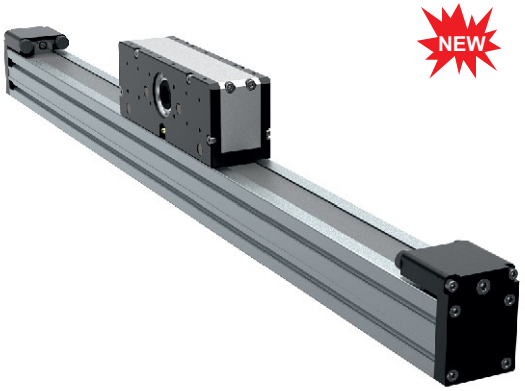


Coupling & Flange Selection



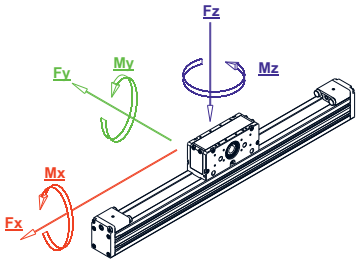
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.3.03.064064.2.05.2.Strok

Upload Values



Yük/Load		Dinamik/Dynamic
Fx	(N)	2200
Fy	(N)	2460
Fz	(N)	2000
Moment		
Mx	(Nm)	385
My	(Nm)	300
Mz	(Nm)	540

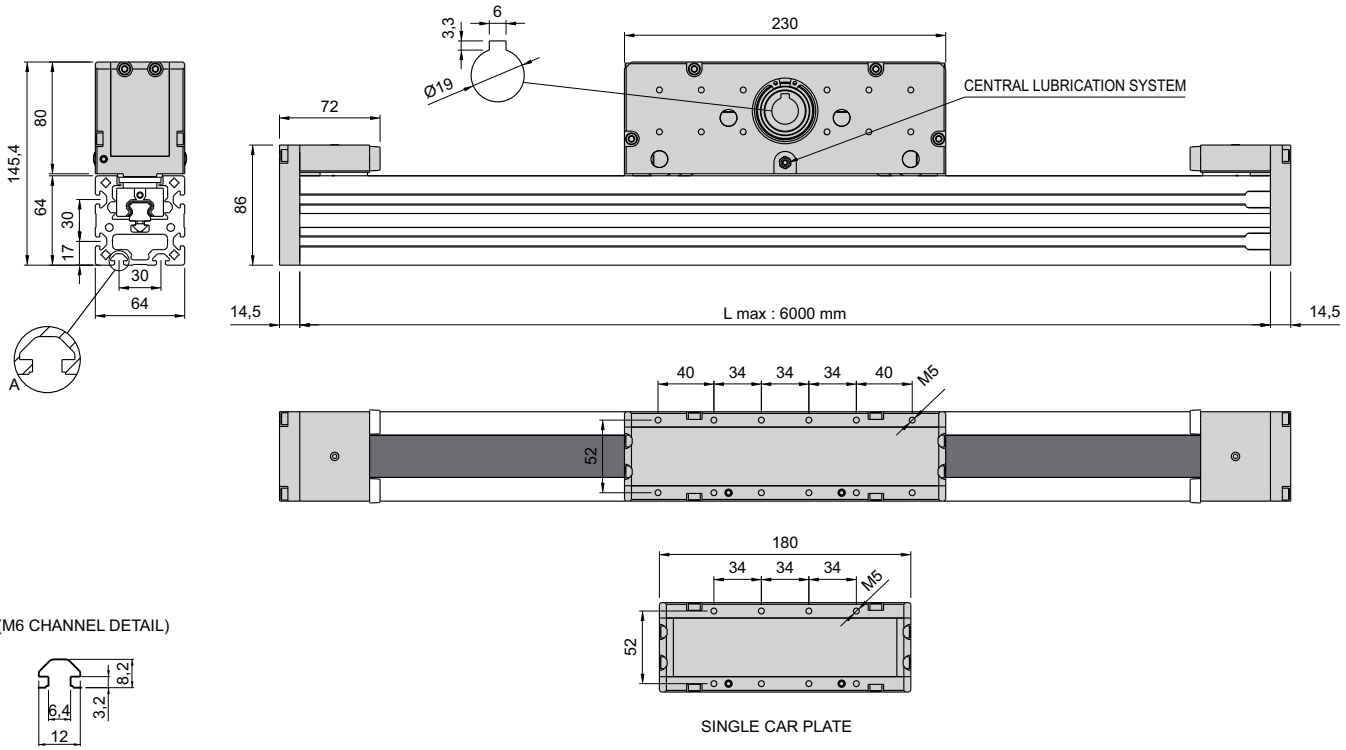
Note: 2 Rated by car.

Technical Specifications

Body	;	64x64 Profile (Aluminum 6063)
Movement Speed	;	3 mt/sn
Movement Distance Per Tour	;	130mm
Timing Belt	;	5M-30 Steel Wire Polyurethane
Timing Pulley	;	Z26-5M-30F
Linear Rail	;	15 lik Lineer Ray
Linear block	;	15 lik Narrow Low Linear Car
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	4.6 kg
Weight 1000mm Stroke	;	10.7 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

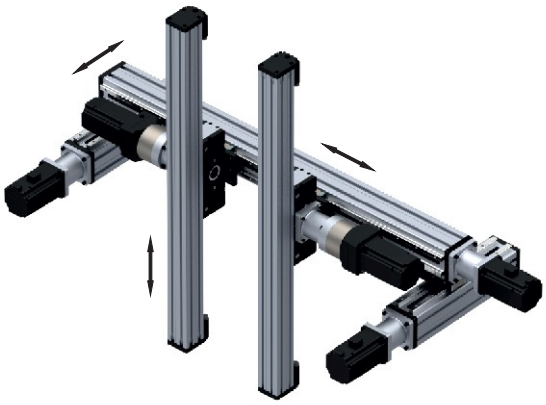
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details



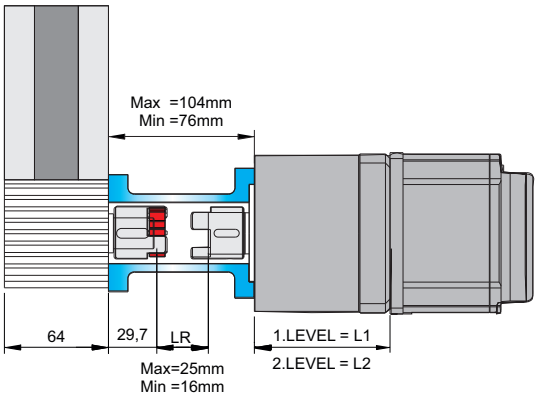
A (M6 CHANNEL DETAIL)

Applications



Reducer Connection Detail

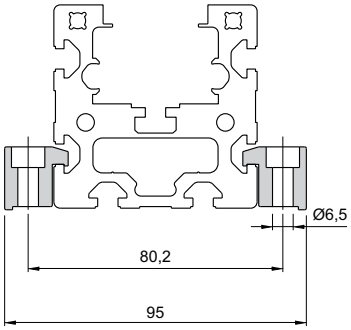
Connection Dimensions



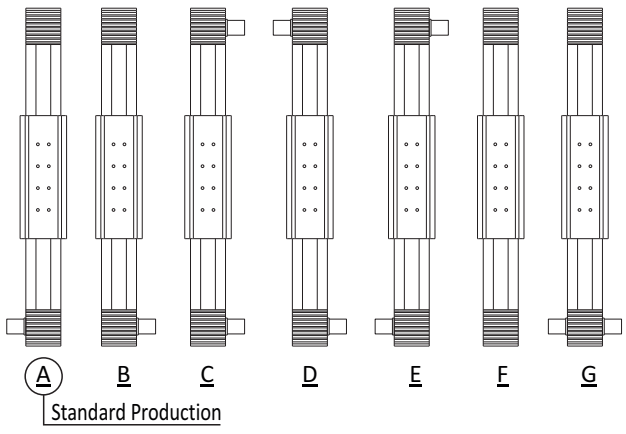
SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

Planetary Gearbox Cycle Rates

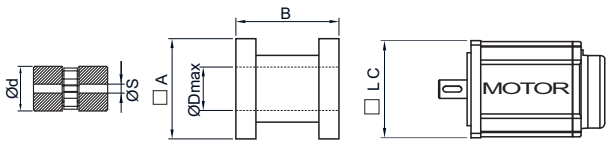
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Transfer : 6000 rpm



Drive Direction Options

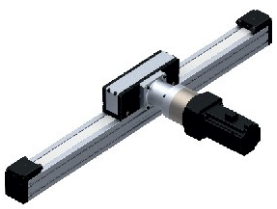


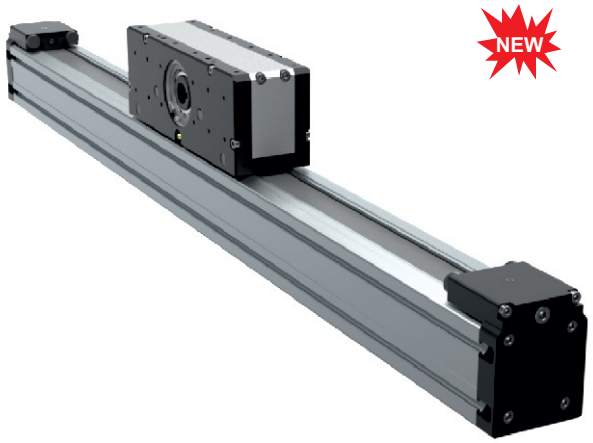
Coupling & Flange Selection



KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

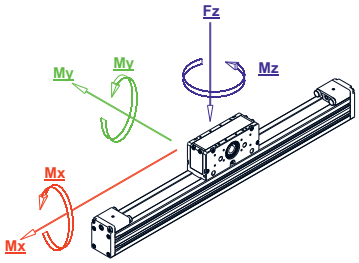
Types of Acupulation





Product code : 5.3.03.080080.2.05.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	2400
Fy	(N)	2760
Fz	(N)	7220
Moment		
Mx	(Nm)	415
My	(Nm)	480
Mz	(Nm)	570

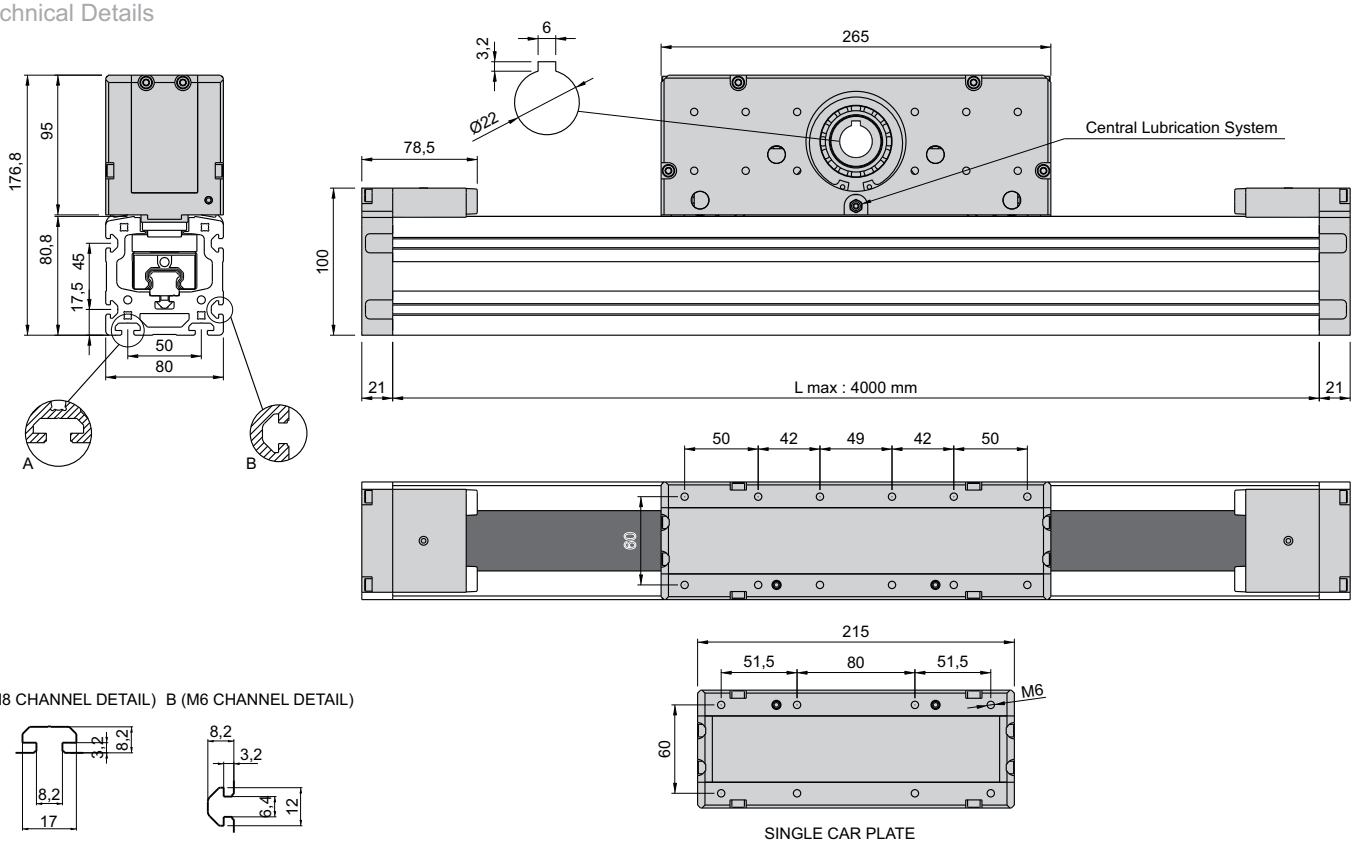
Note: 2 Rated by car.

Technical Specifications

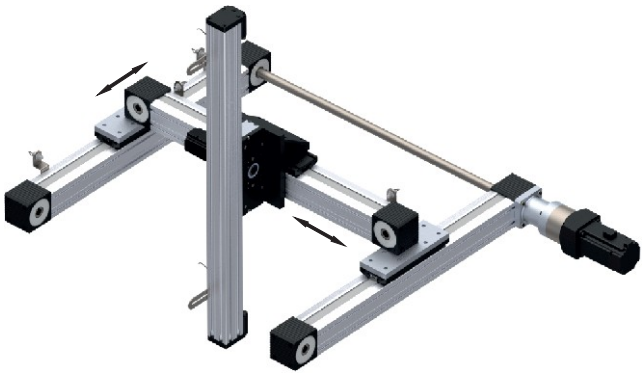
Body	;	80x80 Profile (Aluminum 6063)
Movement Speed	;	3 mt/sn
Movement Distance Per Tour	;	130mm
Timing Belt	;	5M-30 Steel Wire Polyurethane
Timing Pulley	;	Z26-5M-30F
Linear Rail	;	20 lik LineAr Rail
Linear block	;	20 lik Narrow Low Linear Car
Belt Tensile Force	;	2000 N
Timing Belt Pitch	;	5 mm
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	9,1 kg
Weight 1000mm Stroke	;	18,5 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

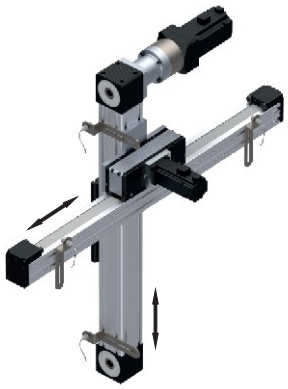
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details



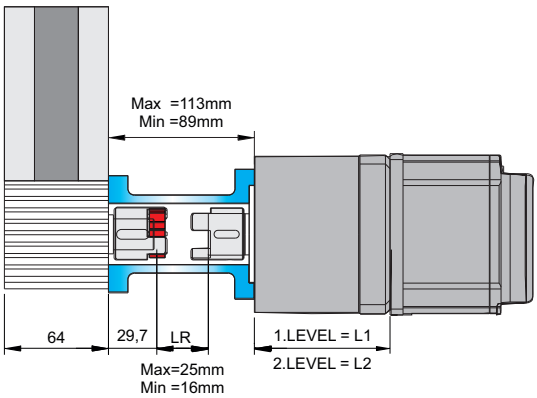
Applications

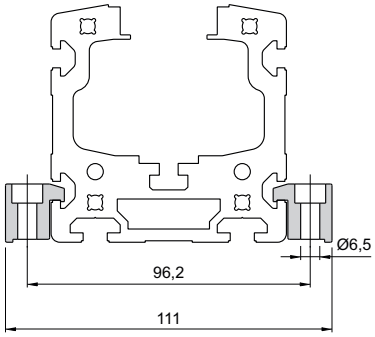




Reducer Connection Detail

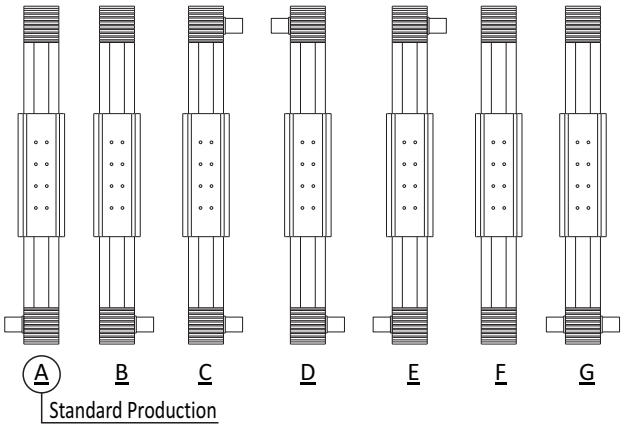
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

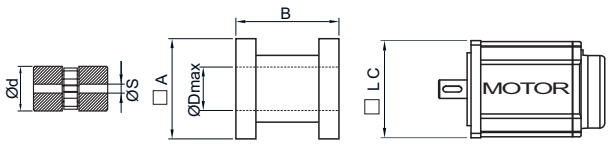
Drive Direction Options



Planetary Gearbox Cycle Rates

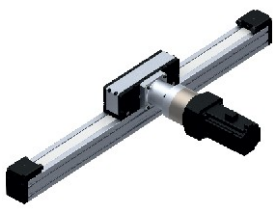
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm

Coupling & Flange Selection



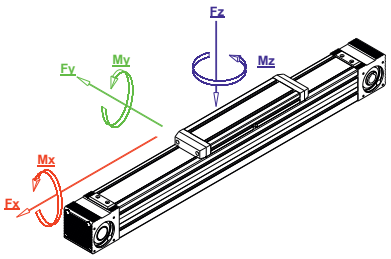
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.3.03.100100.2.03.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	3600
Fy	(N)	3180
Fz	(N)	10870
Moment		
Mx	(Nm)	697
My	(Nm)	780
Mz	(Nm)	710

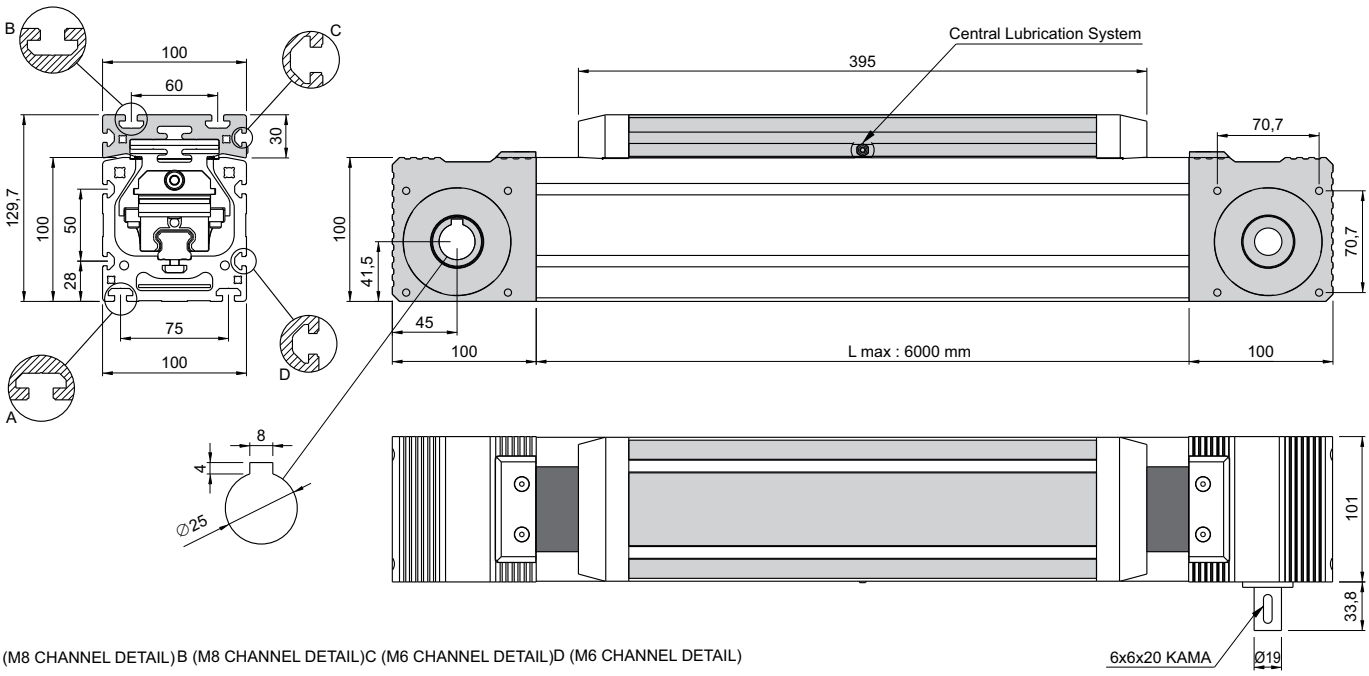
Note: 2 Evaluated according to the car.

Technical Specifications

Body	;	100x100 Profile (Aluminum 6063)
Movement Speed	;	4 mt/sn
Movement Distance Per Tour	;	192mm
Timing Belt	;	8M-50 Steel Wire Polyurethane
Timing Pulley	;	8m-F50 Z=24
Linear Rail	;	25 lik Linear Rail
Linear block	;	25 lik Wide High Linear Car
Belt Tensile Force	;	3000 N
Timing Belt Pitch	;	8 mm
Protection	;	0,3x60 mm Steel Sheet
Positioning Accuracy	;	0,1 mm
Basic Weight With Zero Strok	;	13,65 kg
Weight 1000mm Stroke	;	24,70 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

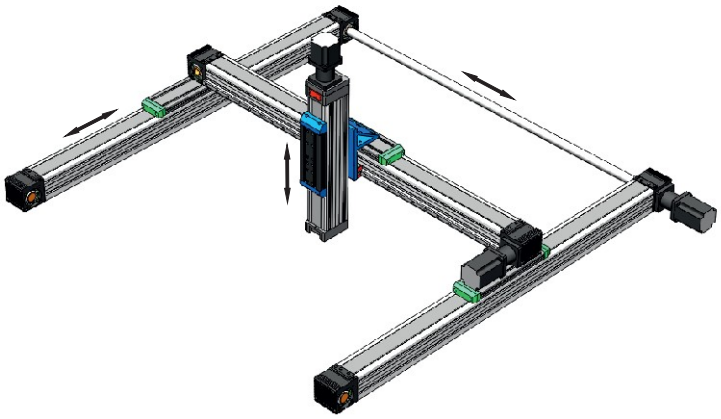
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details

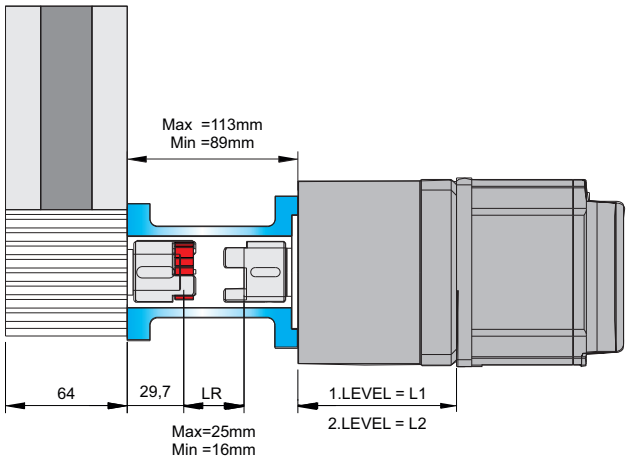


A (M8 CHANNEL DETAIL) B (M8 CHANNEL DETAIL) C (M6 CHANNEL DETAIL) D (M6 CHANNEL DETAIL)

Applications



Reducer Connection Detail

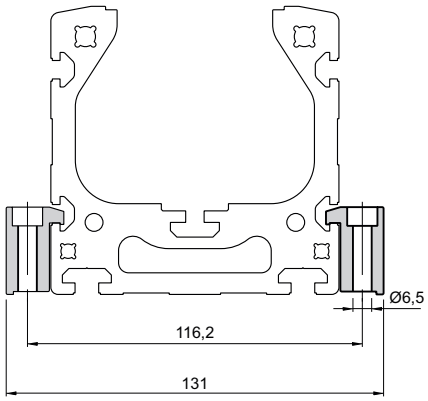


SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

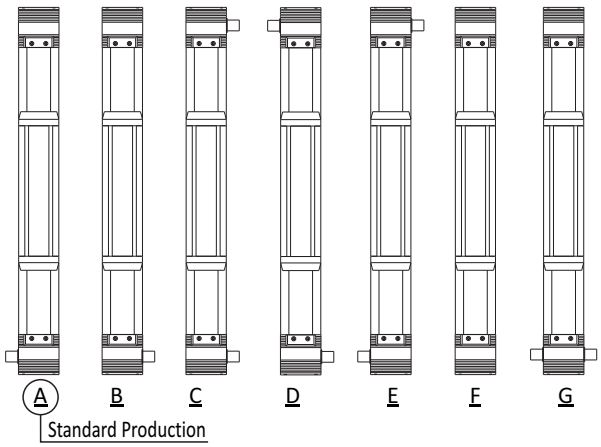
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Transfer : 6000 rpm

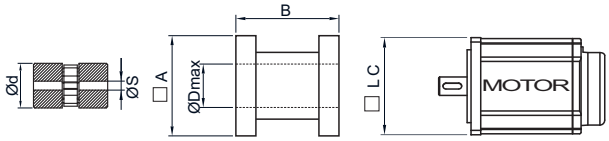
Connection Dimensions



Drive Direction Options

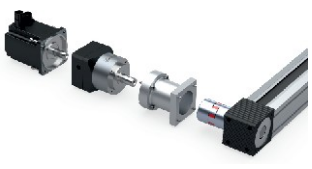


Coupling & Flange Selection

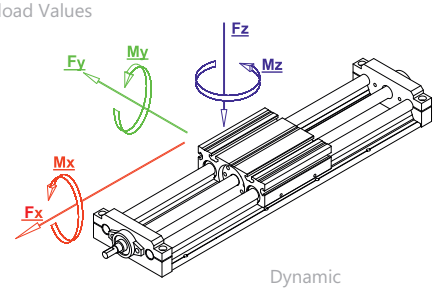


KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Upload Values



Dynamic

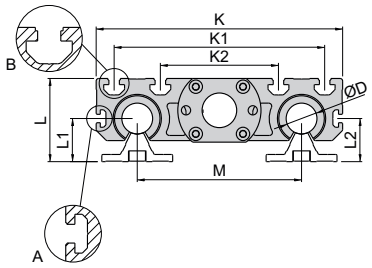
Load		Dkvm 12	Dkvm 16	Dkvm 20	Dkvm 25	Dkvm 30
Fx	(N)	360	505	618	713	912
Fy	(N)	850	1205	1744	2323	2950
Fz	(N)	1215	1400	2180	2904	3450
Moment						
Mx	(Nm)	100	167	228	360	410
My	(Nm)	80	126	195	234	290
Mz	(Nm)	110	146	204	224	280

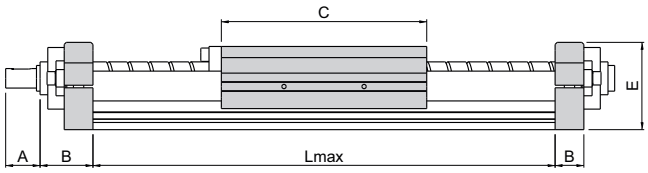
Technical Specifications

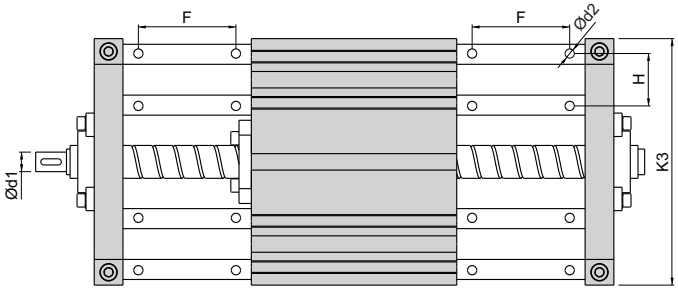
Body	; Ø12 - 16 - 20 - 25 - 30 Shaft Lower support Profile (Aluminum 6063)
Movement Speed	; 0,09 - 0,12 - 0,38 - 0,13 - 0,52 - 0,17 - 0,34 - 0,85 - 0,46 mt/sn
Movement Distance Per Tour (pitch)	; 5 mm - 10 mm - 16 mm - 20 mm - 25mm
Ball Screw	; Ø12-05 - 16-05 - 16-16 - 20-05 - 20-20 - 25-05 - 25-10 - 25-25 - 32-10 Hatve
Screw Nut	; Ø12-05 - 16-05 - 16-16 - 20-05 - 20-20 - 25-05 - 25-10 - 25-25 - 32-10 FSU TİP
Linear Bearing	; Ø12 - 16 - 20 - 25 - 30 UU OP
İnduction Shaft	; Ø12 - 16 - 20 - 25 - 30 Chrome Plated Induction Shaft 60-62 HRC
Positioning Accuracy	; 0,2 mm
Basic Weight With Zero Strok	; Ø12-1,86kg Ø16-2,56kg Ø20-4,86kg Ø25-7,60kg Ø30-13,29kg
Weight 1000mm Stroke	; Ø12-5,90kg Ø16-7,93kg Ø20-14,73kg Ø25-21,81kg Ø30-34,40kg
Automation Control System	; 400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

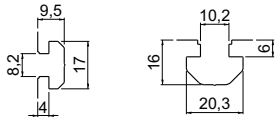
Technical Details





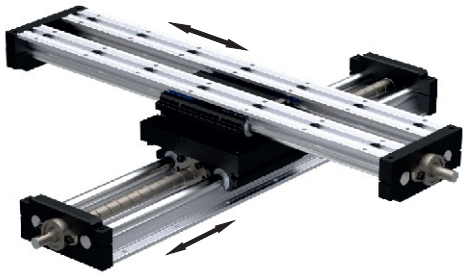


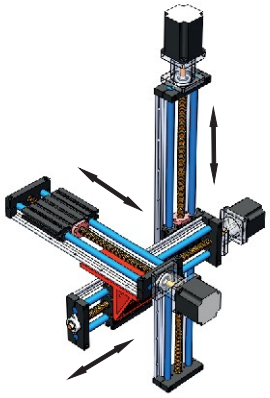
A (CHANNEL DETAIL)B (CHANNEL DETAIL)



CODE	STOCK NAME	Ball Screw	ØD	Ød1	A	B	C	E	F	Ød2	H	K	K1	K2	K3	L	L1	L2	M	L max
5.2.05.110110.3.02.2.Strok	DKVM 12	12-05 & 12-10	12	10	42,5	14,5	110	44	75	4,5	29	110	-	60	115	49.5	22	38	75	1000
5.2.05.130130.3.02.2.Strok	DKVM 16	16-05	16	10	44,5	19	130	49.5	100	5,5	33	130	-	70	134	54	26	39	85	1500
5.2.05.130130.3.04.2.Strok		16-16																		
5.2.05.150150.3.05.2.Strok	DKVM 20	20-05	20	15	45	19	150	64	100	6,5	37	150	-	58	150	59	32	44	90	2000
5.2.05.150150.3.07.2.Strok		20-20																		
5.2.05.175175.3.08.2.Strok	DKVM 25	25-05	25	15	50	19,5	175	72	120	6,5	42	180	-	90	185	72	36	57	120	2500
5.2.05.175175.3.09.2.Strok		25-10																		
5.2.05.175175.3.10.2.Strok		25-25																		
5.2.05.200240.3.11.2.Strok	DKVM 30	32-05	30	19	57	28	200	85	150	9	51	240	205	115	240	81	42	42	160	3000
5.2.05.200240.3.12.2.Strok		32-10																		

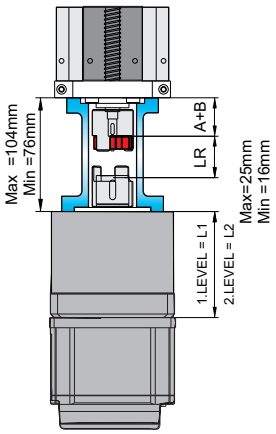
Applications





Reducer Connection Detail

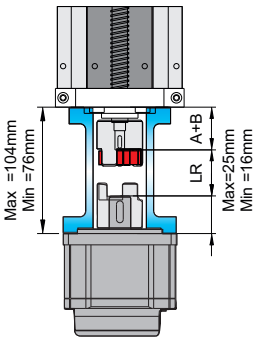
Motor Connection Detail



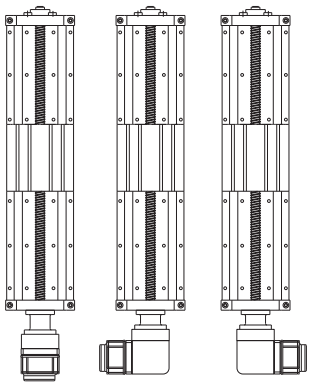
SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

Planetary Gearbox Cycle Rates

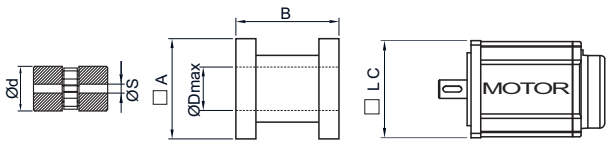
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm



Drive Direction Options

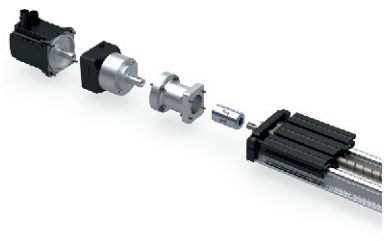


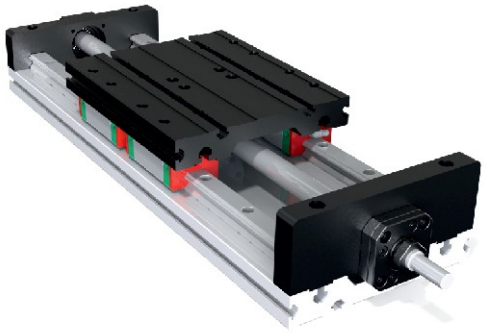
Coupling & Flange Selection



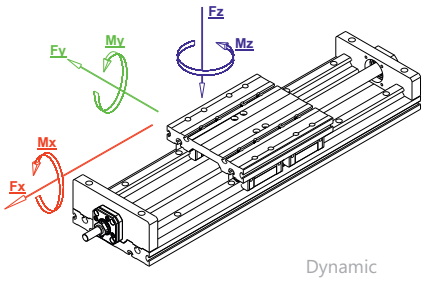
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation





Upload Values



Dynamic

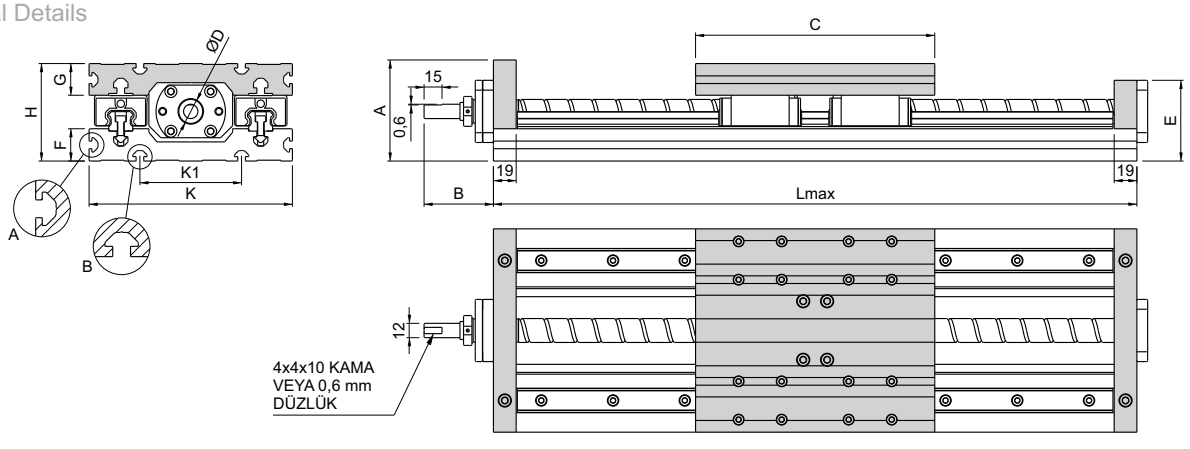
Load		DKZM 15	DKZM 20
Fx	(N)	2020	3680
Fy	(N)	2080	4400
Fz	(N)	3020	5760
Moment			
Mx	(Nm)	410	650
My	(Nm)	290	320
Mz	(Nm)	440	690

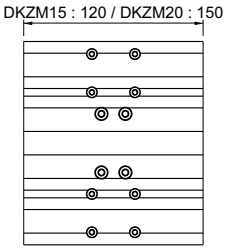
Note: 4 Evaluated according to the car.

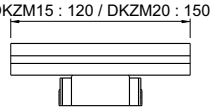
Technical Specifications

Body	;	22x140 - 27x170 Profile Aluminum(6063)
Movement Speed	;	0,12 - 0,38 - 0,13 - 0,52 mt/sn
Movement Distance Per Tour (pitch)	;	5 mm - 16mm - 20 mm
Ball Screw	;	Ø16-05 - 16-16 - 20-05 - 20-20 Hatve
Screw Nut	;	Ø16-05 - 16-16 - 20-05 - 20-20 FSU TİP
Linear Bearing	;	15 -20 Lineer Ray
İnduction Shaft	;	15 - 20 Yüksek Lineer Araba
Positioning Accuracy	;	0,01 mm
Basic Weight With Zero Strok	;	15-3,11kg 20-5,54kg
Weight 1000mm Stroke	;	15-12,60kg 20-22,39kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

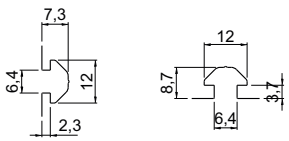
Technical Details





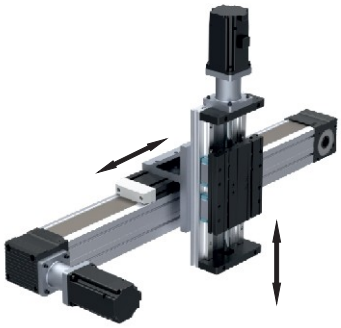


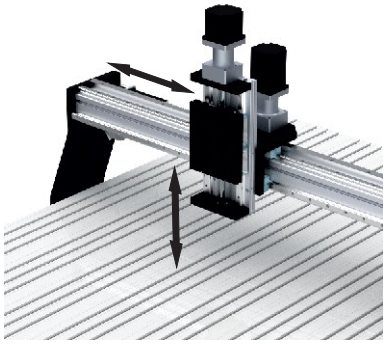
A (CHANNEL DETAIL) B (CHANNEL DETAIL)



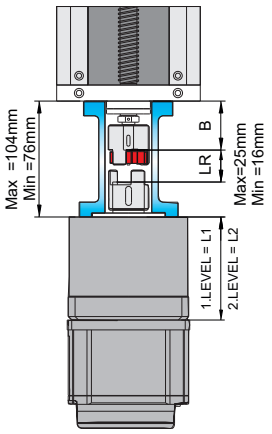
CODE	STOCK NAME	Ball Screw	A	B	C	ØD	Ød1	E	F	G	H	K	K1	L max
5.2.07.022140.2.02.1.Strok	DKZM 15	16 - 05	77,5	49	150	16	12	57,5	22	21,5	70	140	70	2000
5.2.07.027170.2.05.1.Strok	DKZM 20	20 - 05	84,5	58	200	20	12	67,5	27	26,5	81,5	170	85	2500
5.2.07.022140.2.04.1.Strok	DKZM 15	16 - 16	77,5	49	150	16	12	57,5	22	21,5	70	140	70	2000
5.2.07.027170.2.07.1.Strok	DKZM 20	20 - 20	84,5	58	200	20	12	67,5	27	26,5	81,5	170	85	2500

Applications





Reducer Connection Detail

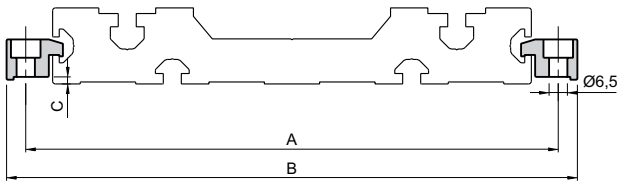


SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

Planetary Gearbox Cycle Rates

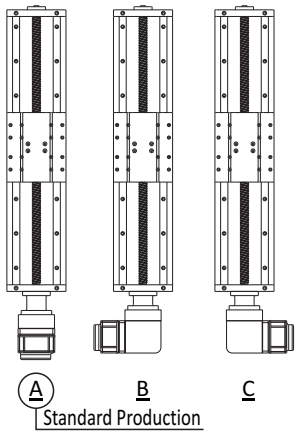
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm

Connection Dimensions

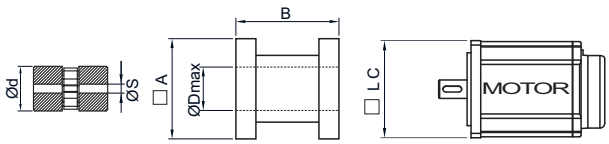


	A	B	C
DKZM15	160	1173	73,8
DKZM20	189	1202	72,5

Drive Direction Options

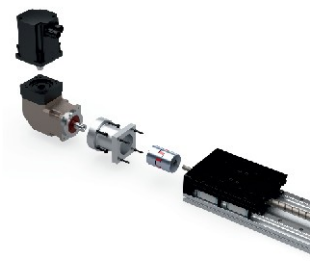


Coupling & Flange Selection



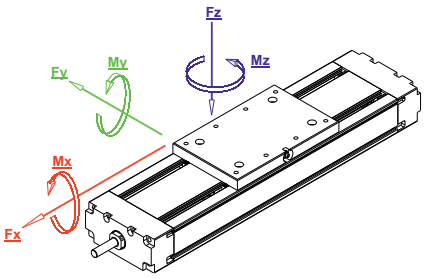
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.2.03.050110.2.02.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	8600
Fy	(N)	5400
Fz	(N)	9200
Moment		
Mx	(Nm)	510
My	(Nm)	1120
Mz	(Nm)	2350

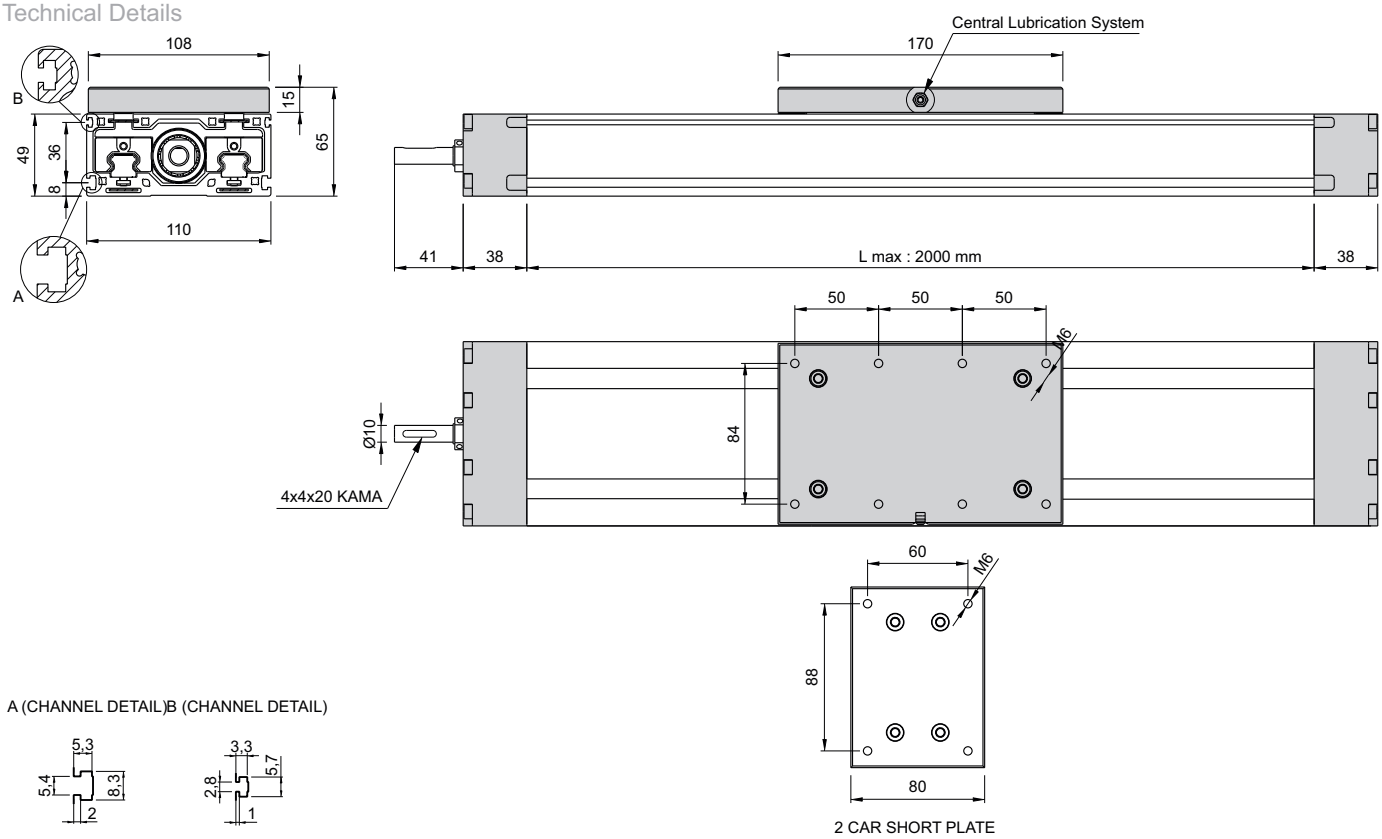
Note: 4 Evaluated according to the car.

Technical Specifications

Body	;	50x110 Profile (Aluminum 6063)
Movement Speed	;	0,12 mt/sn
Movement Distance Per Tour (pitch)	;	5 mm
Ball Screw	;	Ø16-05
Screw Nut	;	SCI 16-05
Linear Rail	;	15 lik Linear Rail
Linear Block	;	15 lik Narrow Low Linear Car
Positioning Accuracy	;	0,01mm
Basic Weight With Zero Strok	;	2,51 kg
Weight 1000mm Stroke	;	11 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

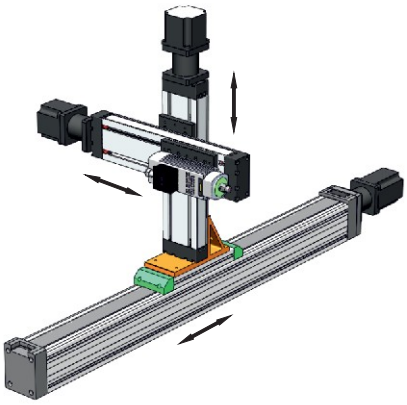
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

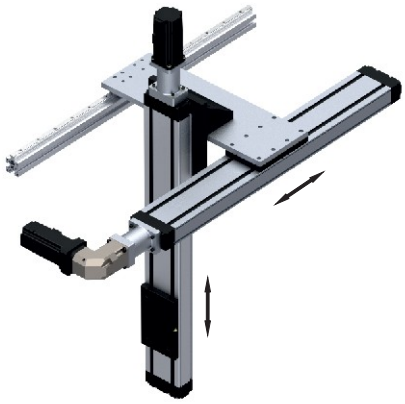
Technical Details



A (CHANNEL DETAIL)B (CHANNEL DETAIL)

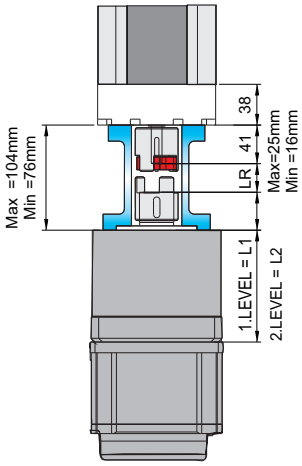
Applications

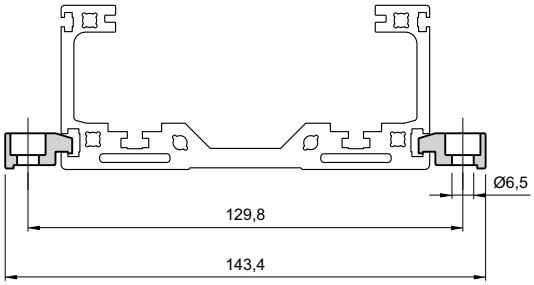




Reducer Connection Detail

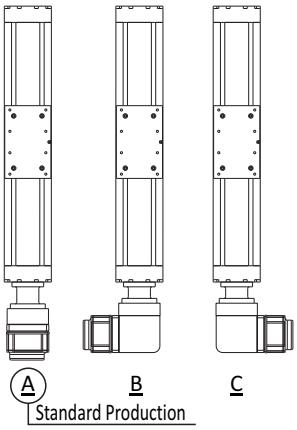
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

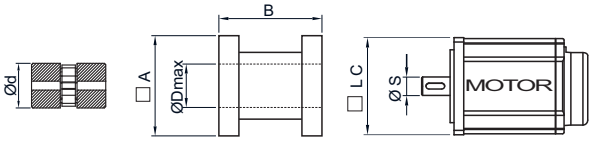
Drive Direction Options



Planetary Gearbox Cycle Rates

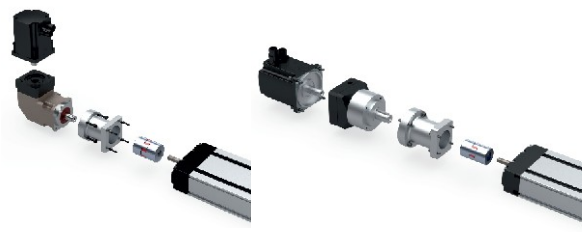
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork : 6000 rpm

Coupling & Flange Selection



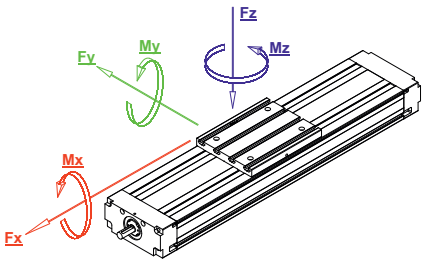
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation



Product code : 5.2.03.065145.2.08.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	9800
Fy	(N)	6200
Fz	(N)	13500
Moment		
Mx	(Nm)	620
My	(Nm)	1340
Mz	(Nm)	1340

Note: 4 Evaluated according to the car.

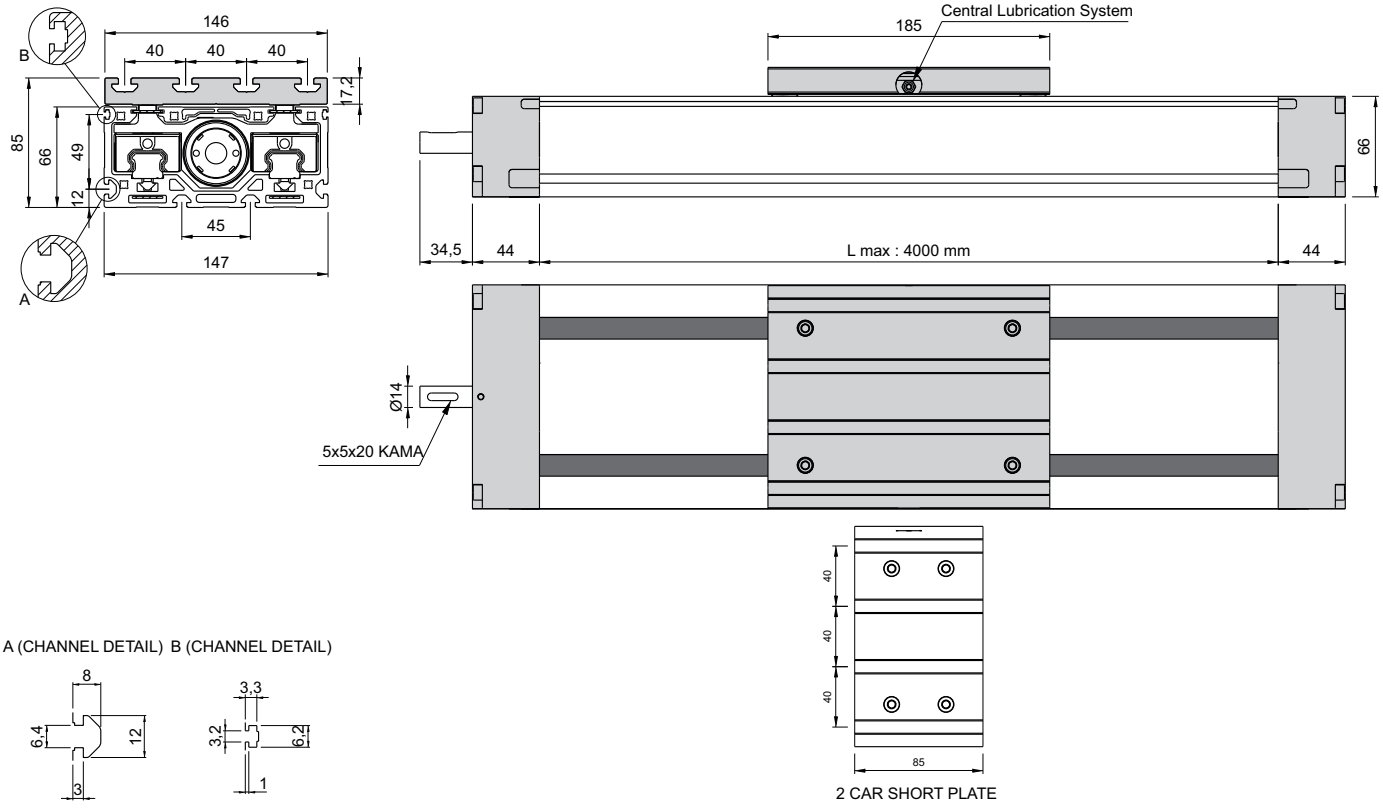
Ball Screw Driven Systems

Technical Specifications

Body	;	66x145 Profile (Aluminum 6063)
Movement Speed	;	0,13 - 0,17 - 0,52 mt/sn
Movement Distance Per Tour (pitch)	;	5mm - 20 mm
Ball Screw	;	Ø20-05 / Ø25-05 / Ø20-20
Screw Nut	;	SCI 25-05 / FSU 20-20
Linear Rail	;	20 lik Lineer Ray
Linear Block	;	20 lik Dar Yüksek Lineer Araba
Positioning Accuracy	;	0,01 mm
Basic Weight With Zero Strok	;	4,42 kg
Weight 1000mm Stroke	;	17,24 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

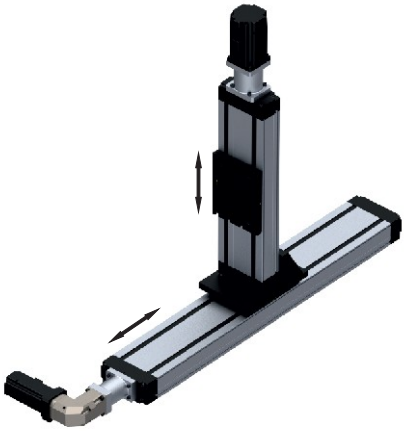
Not: Çalışma hassasiyetine göre Asenkron, Step, İndiksiyon vb. motorlarla tahrik edilebilmektedir.

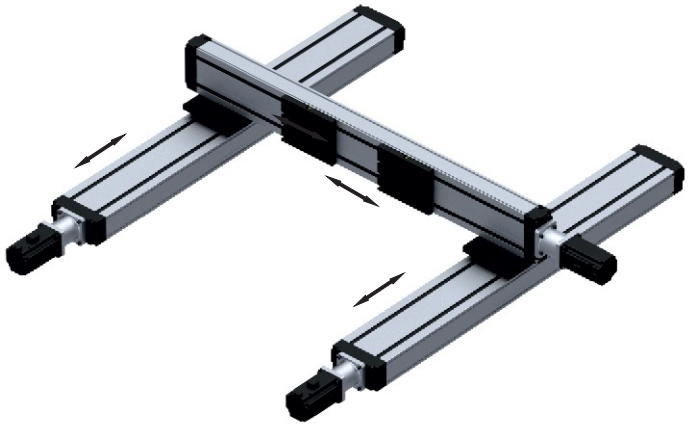
Technical Details



A (CHANNEL DETAIL) B (CHANNEL DETAIL)

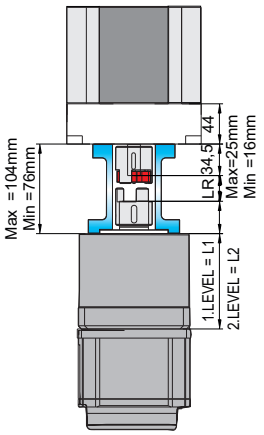
Applications

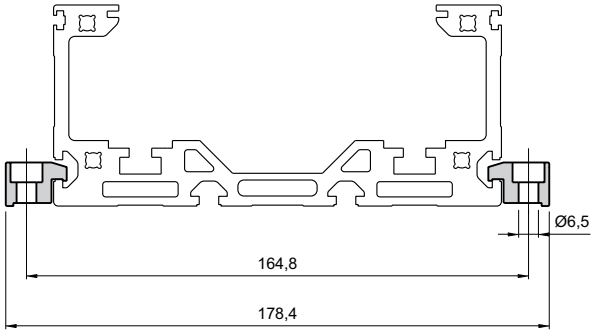




Reducer Connection Detail

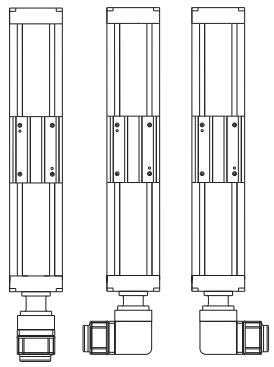
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

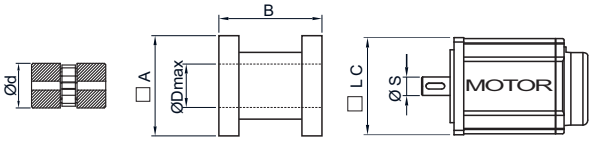
Drive Direction Options



Planetary Gearbox Cycle Rates

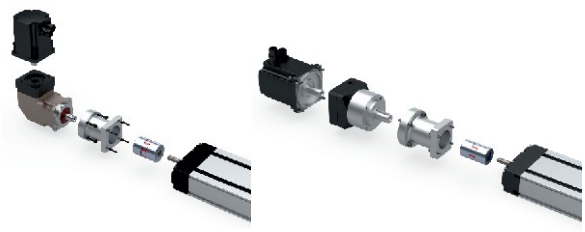
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork : 6000 rpm

Coupling & Flange Selection



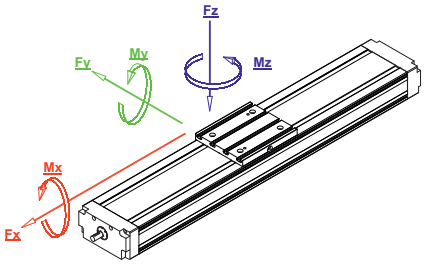
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation



Product code : 5.2.03.080160.2.09.2.Strok

Upload Values



Load		Dynamic
Fx	(N)	12300
Fy	(N)	9600
Fz	(N)	18700
Moment		
Mx	(Nm)	840
My	(Nm)	1870
Mz	(Nm)	3200

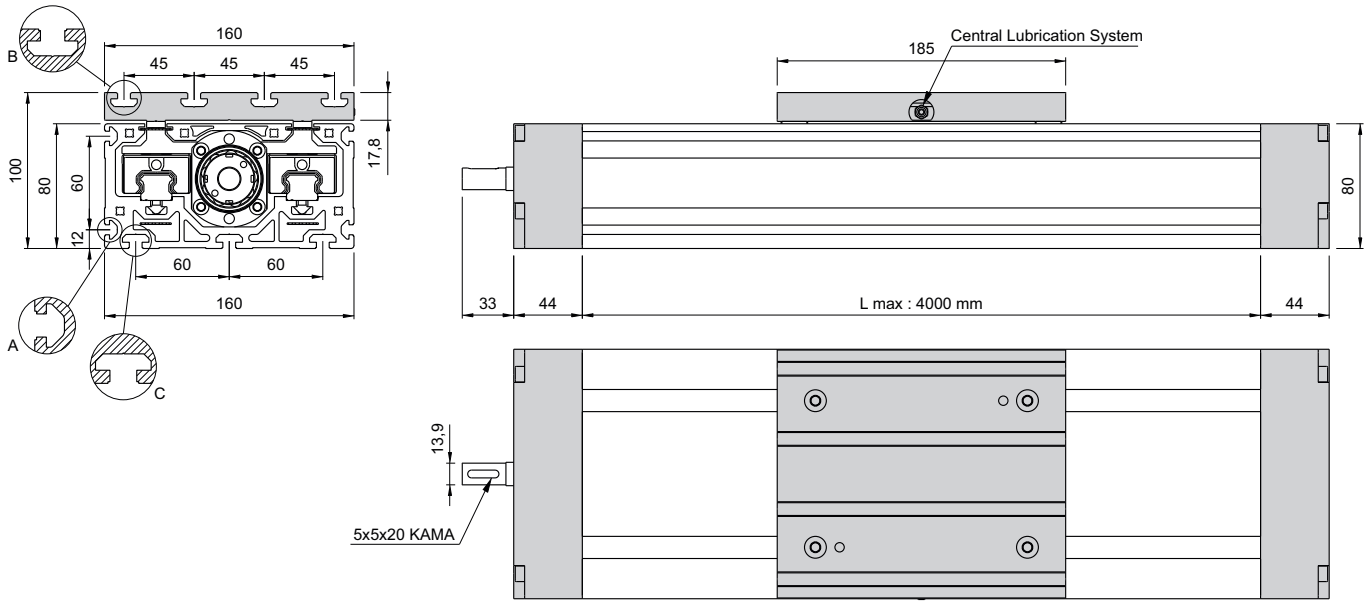
Note: 4 Evaluated according to the car.

Technical Specifications

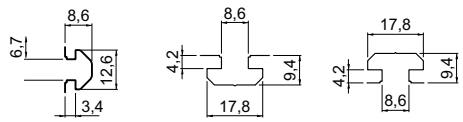
Body	;	80x160 Profile (Aluminum 6063)
Movement Speed	;	0,17 - 0,34 - 0,52 - 0,85 mt/sn
Movement Distance Per Tour (pitch)	;	5mm - 10mm - 25mm
Rack and Pinion	;	Ø25-05 / Ø25-10 / Ø20-20 / Ø25-25
Pinion Gear	;	FSU 25-05 / FSU 20-20 / FSU 25-25
Linear Rail	;	20 lik Lineer Ray
Linear Block	;	20 lik Dar Yüksek Lineer Araba
Positioning Accuracy	;	0,01 mm
Basic Weight With Zero Strok	;	10,93 kg
Weight 1000mm Stroke	;	29,48 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Not: Çalışma hassasiyetine göre Asenkron, Step, İndiksiyon vb. motorlarla tahrik edilebilmektedir.

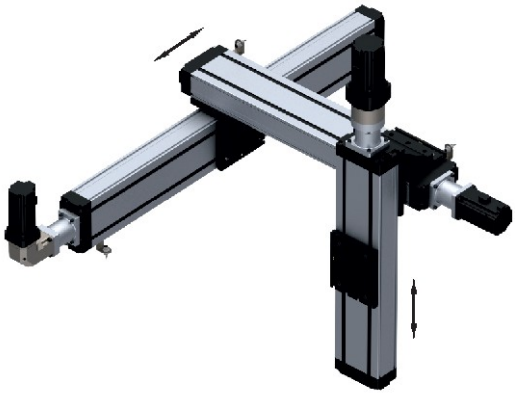
Technical Details

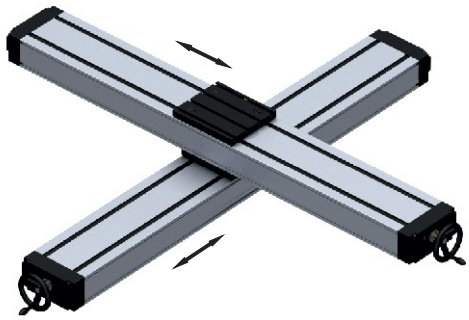


A (CHANNEL DETAIL)B (CHANNEL DETAIL) C (CHANNEL DETAIL)



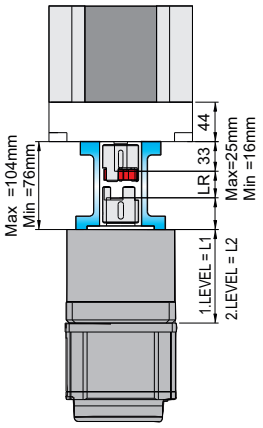
Applications

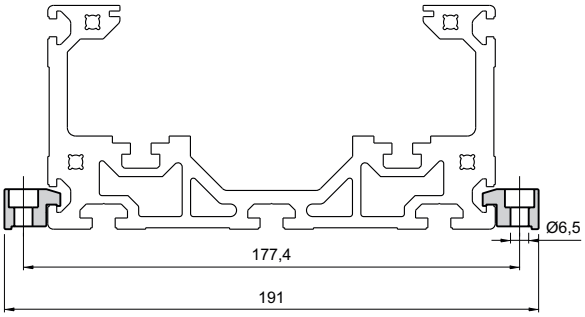




Reducer Connection Detail

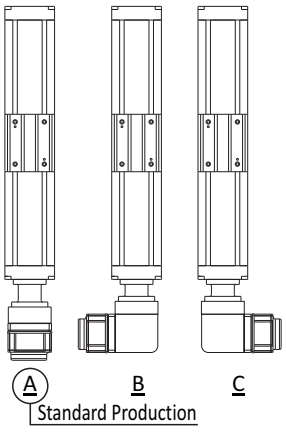
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

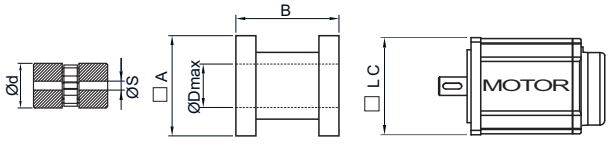
Drive Direction Options



Planetary Gearbox Cycle Rates

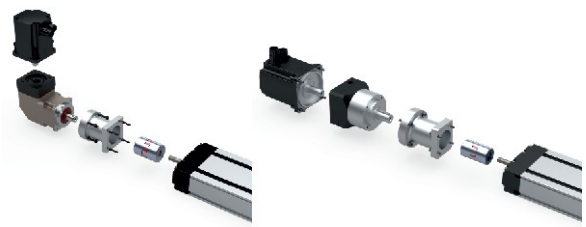
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm

Coupling & Flange Selection



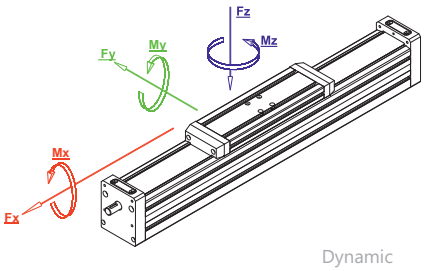
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.2.03.100100.2.08.2.Strok

Upload Values



Load		Ø25	Dynamic Ø20
Fx	(N)	5500	4200
Fy	(N)	4700	3600
Fz	(N)	10870	8600
Moment			
Mx	(Nm)	5740	3360
My	(Nm)	6400	4200
Mz	(Nm)	8220	7600

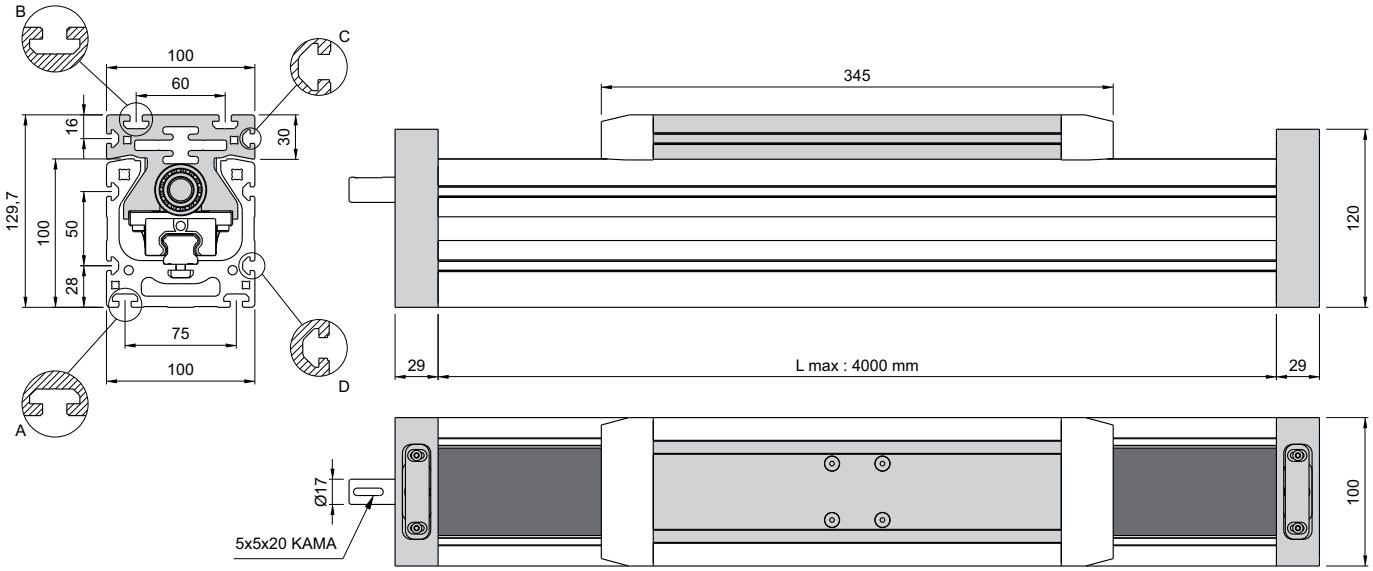
Note: 4 Evaluated according to the car.

Technical Specifications

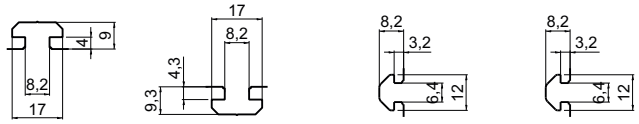
Body	;	100x100 Profile (Aluminum 6063)
Movement Speed	;	0,17 - 0,34 - 0,52 mt/sn
Movement Distance Per Tour (pitch)	;	5mm - 10mm - 20mm
Ball Screw	;	Ø25-05 / Ø25-10 / Ø20-20
Screw Nut	;	SCI 25-05 / FSU 20-20
Linear Rail	;	25 lik Linear Rail
Linear Block	;	25 lik Wide Linear Araba
Positioning Accuracy	;	0,01 mm
Basic Weight With Zero Strok	;	8,01 kg
Weight 1000mm Stroke	;	18,52 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

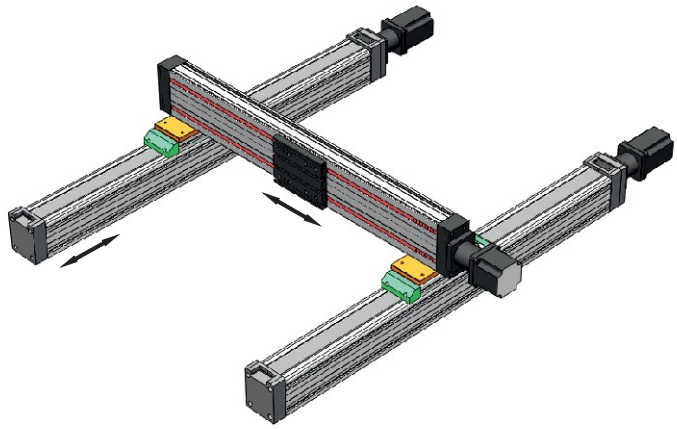
Technical Details



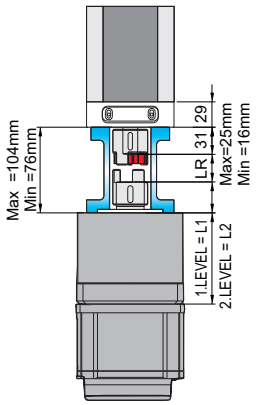
A (M8 CHANNEL DETAIL) B (M8 CHANNEL DETAIL) C (M6 CHANNEL DETAIL) D (M6 CHANNEL DETAIL)



Applications



Reducer Connection Detail

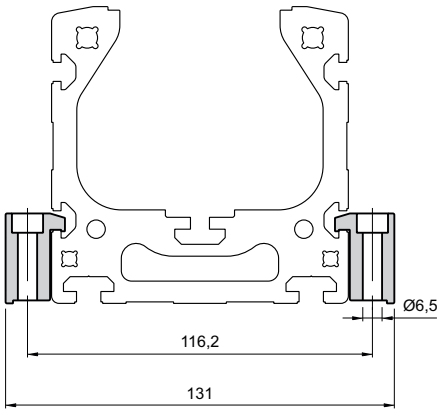


SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

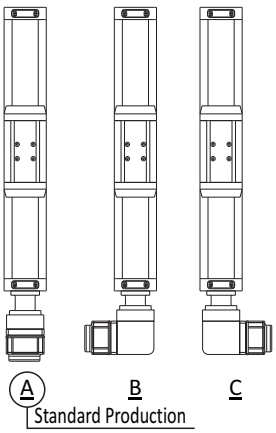
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm

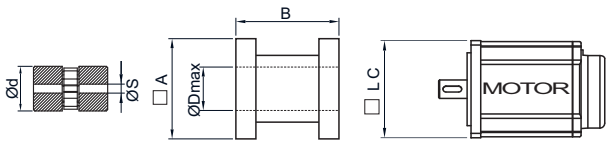
Connection Dimensions



Drive Direction Options

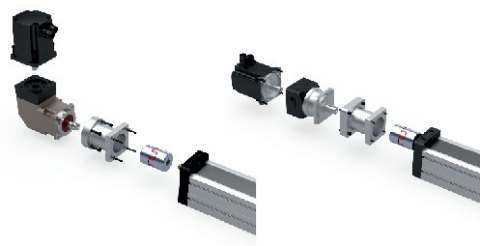


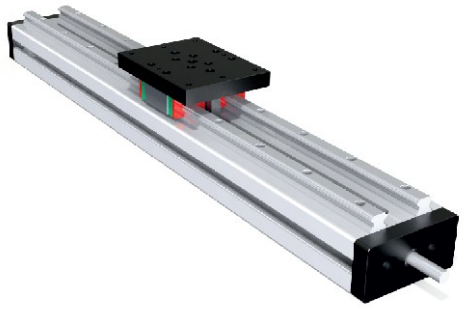
Coupling & Flange Selection



KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

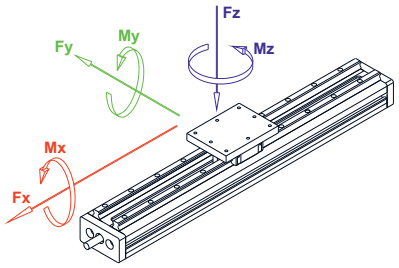
Types of Acupulation





Product code : 5.2.04.045090.2.01.1.Strok

Upload Values



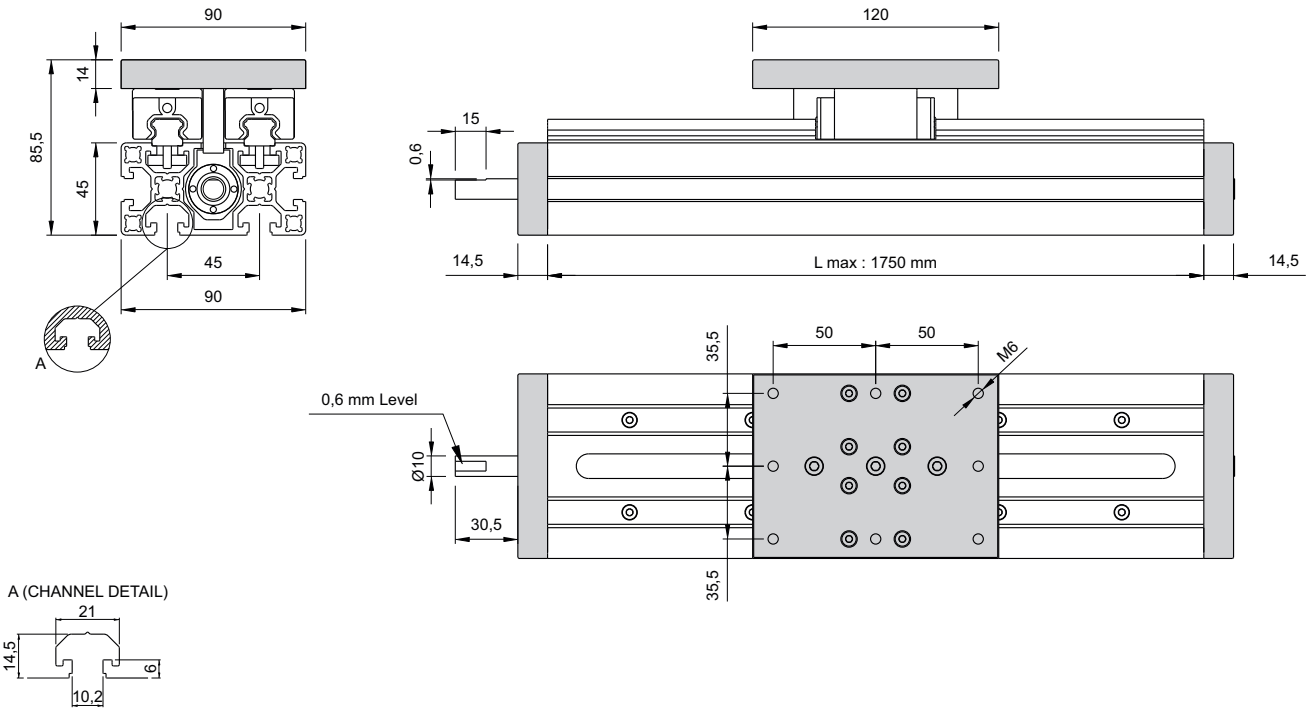
Load		Dynamic
Fx	(N)	725
Fy	(N)	878
Fz	(N)	1157
Moment		
Mx	(Nm)	110
My	(Nm)	70
Mz	(Nm)	75

Technical Specifications

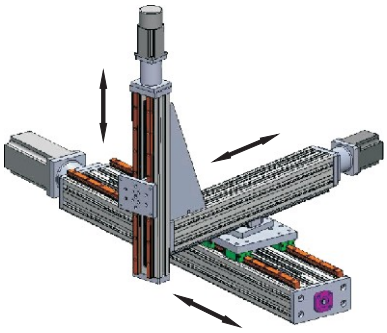
Body	;	45X90 (A) Profile (Aluminum 6063)
Movement Speed	;	0,1 mt/sn
Movement Distance Per Tour (pitch)	;	5 mm
Ball Screw	;	Ø12-05 (Hatve)
Screw Nut	;	RSY-12-05
Linear Rail	;	15 lik Lineer Ray
Linear Block	;	15 lik Dar Lineer Araba
Positioning Accuracy	;	0,01 mm
Basic Weight With Zero Strok	;	1,96 kg
Weight 1000mm Stroke	;	9,27 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

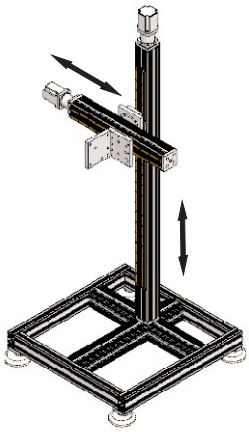
Technical Details



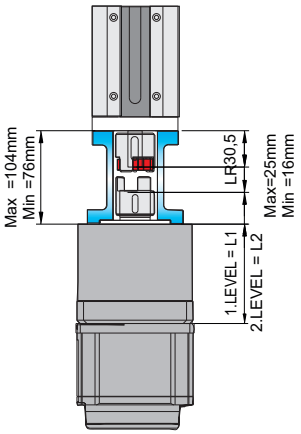
Applications



Reducer Connection Detail



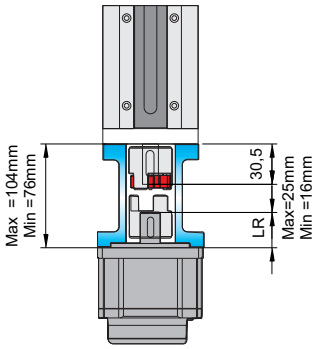
Motor Connection Detail



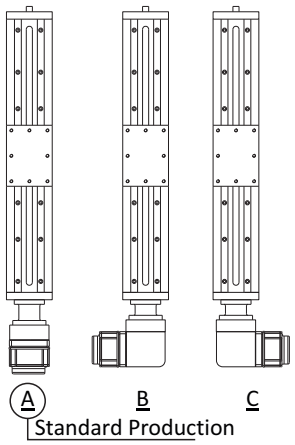
SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

Planetary Gearbox Cycle Rates

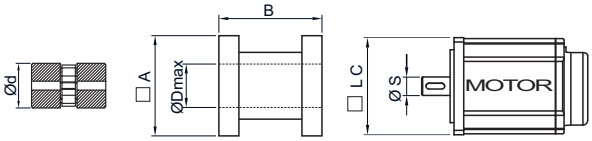
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork : 6000 rpm



Drive Direction Options

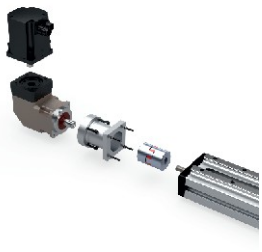


Coupling & Flange Selection



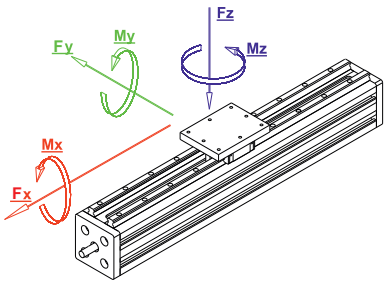
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 55	55	8 - 28	85x 85	65 - 85	80 - 90	47	65 - 85

Types of Acupulation



Product code : 5.2.04.090090.2.02.1.Strok

Upload Values



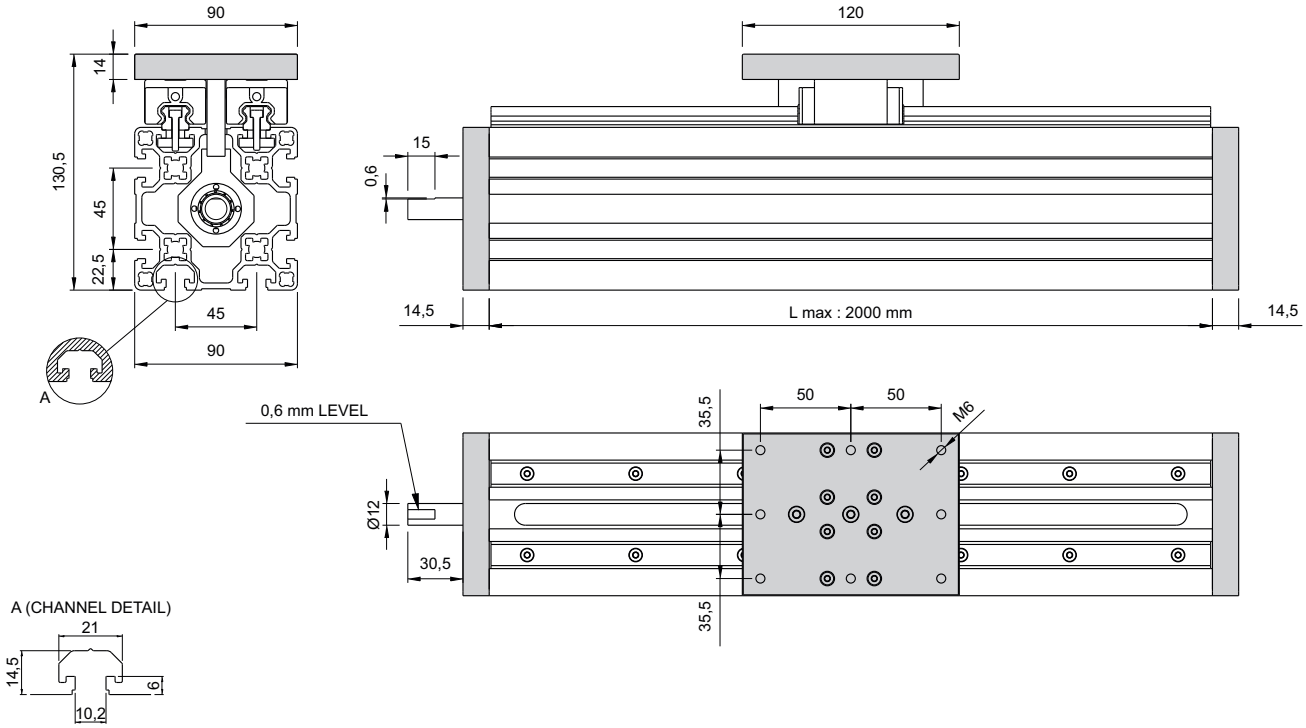
Load		Dynamic
Fx	(N)	975
Fy	(N)	878
Fz	(N)	1157
Moment		
Mx	(Nm)	140
My	(Nm)	80
Mz	(Nm)	95

Technical Specifications

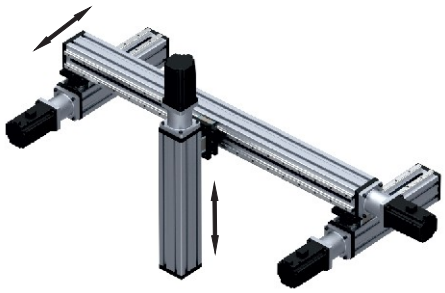
Body	;	90x90 (L) Profile (Aluminum 6063)
Movement Speed	;	0,12 mt/sn
Movement Distance Per Tour (pitch)	;	4mm / 5 mm
Ball Screw	;	Ø16-04 / Ø16-05 (Hatve)
Screw Nut	;	TRP16-04 / FSU 16-05
Linear Rail	;	15 lik Linear Rail
Linear Block	;	15 lik Narrow Low Linear Car
Positioning Accuracy	;	2,64 kg
Basic Weight With Zero Strok	;	11,87 kg
Weight 1000mm Stroke	;	400 / 750 / 1kw Omron Servo + PLC + Pano
Automation Control System	;	

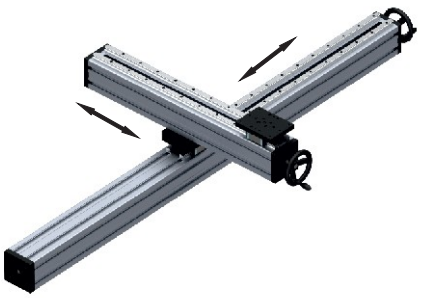
Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

Technical Details



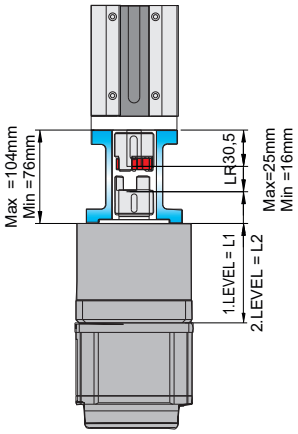
Applications

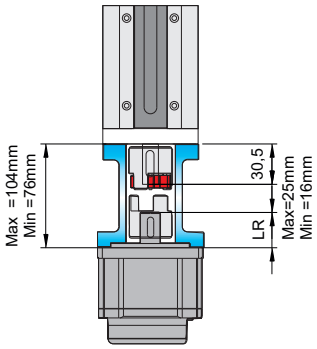




Reducer Connection Detail

Motor Connection Detail



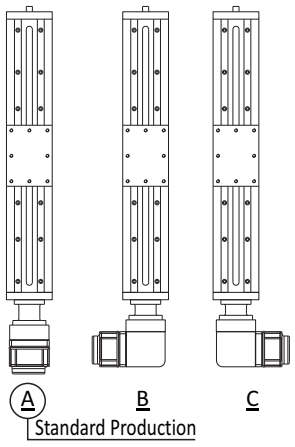


SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

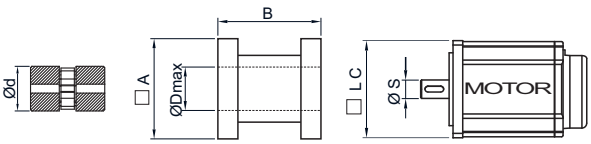
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Tork : 6000 rpm

Drive Direction Options



Coupling & Flange Selection

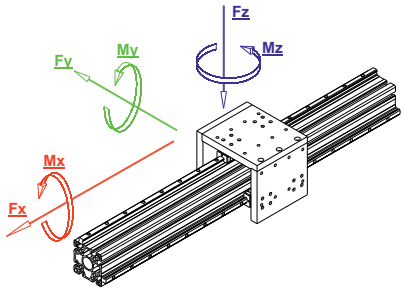


KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation

Product code : 5.4.08.090090.2.03.2.Strok

Upload Values



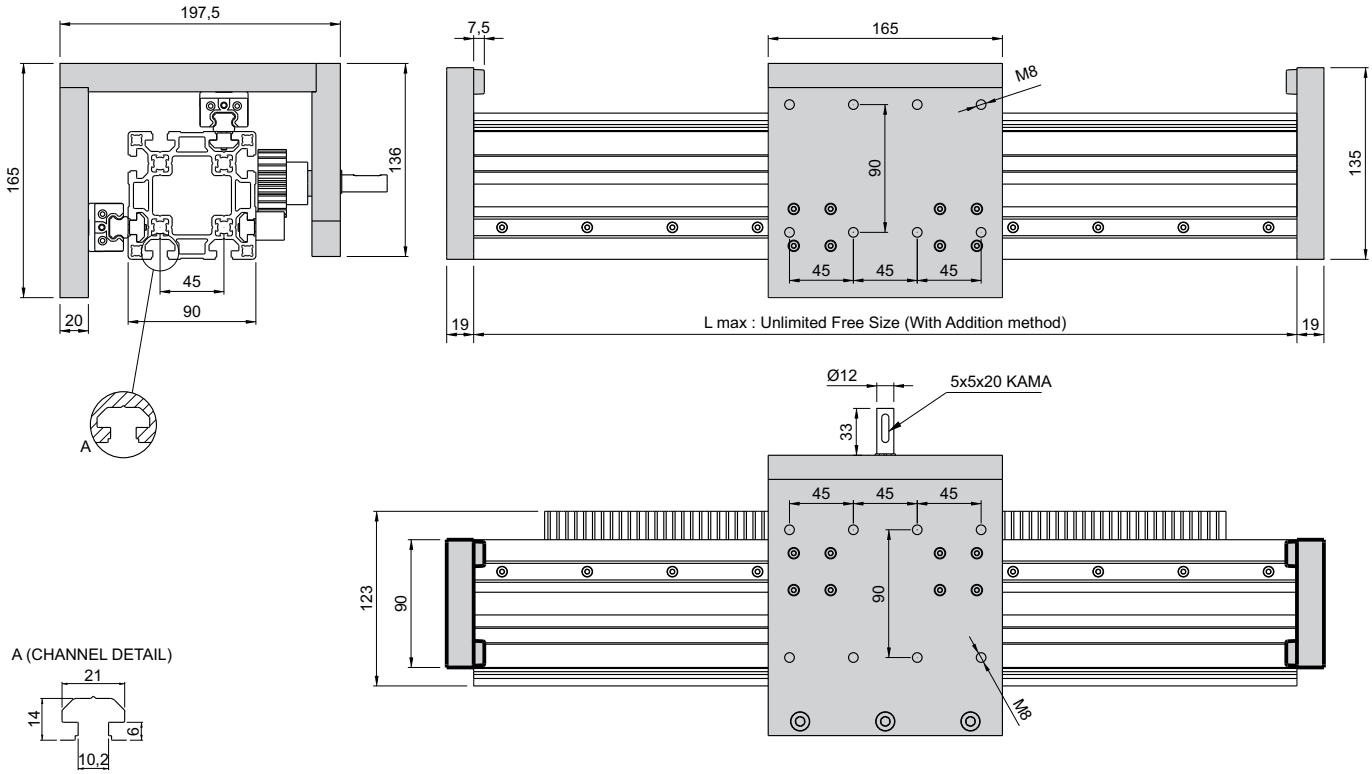
Load		Dynamic
Fx	(N)	1480
Fy	(N)	2125
Fz	(N)	2125
Moment		
Mx	(Nm)	230
My	(Nm)	1613
Mz	(Nm)	1613

Technical Specifications

Body	;	90x90 Profile (Aluminum 6063)
Movement Speed	;	3 mt/sn
Movement Distance Per Tour (pitch)	;	138,16 mm
Rack and Pinion	;	Mod:2 Düz / Mod:2 Helisel
Pinion Gear	;	Mod:2 Z:22 Düz / Mod:2 Z:22 Helisel
Linear Rail	;	15 lik Lineer ray
Linear Block	;	15 - Narrow Linear Block
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	7,75 kg
Weight 1000mm Stroke	;	20,77 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

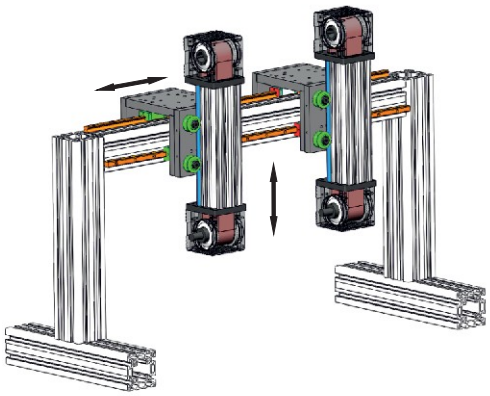
Not: Çalışma hassasiyetine göre Asenkron, Step, İndiksiyon vb. motorlarla tahrik edilebilmektedir.

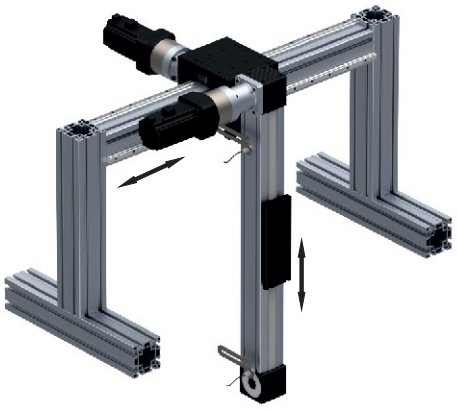
Technical Details



A (CHANNEL DETAIL)

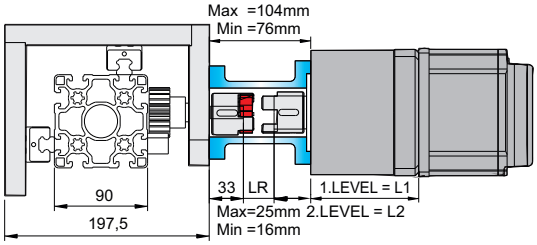
Applications

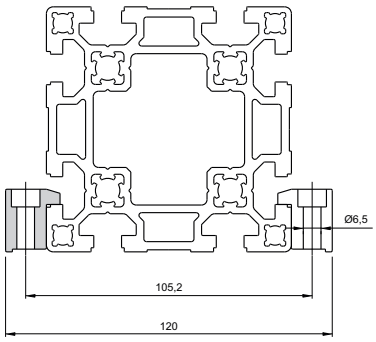




Reducer Connection Detail

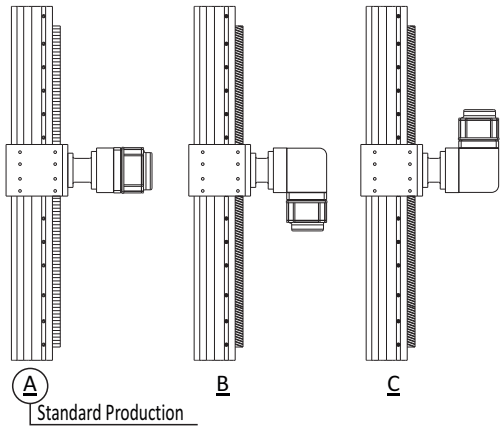
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

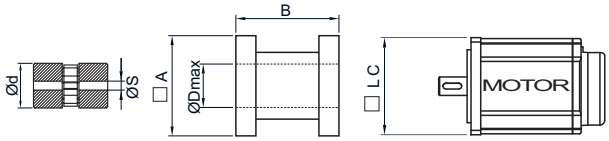
Drive Direction Options



Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm

Coupling & Flange Selection

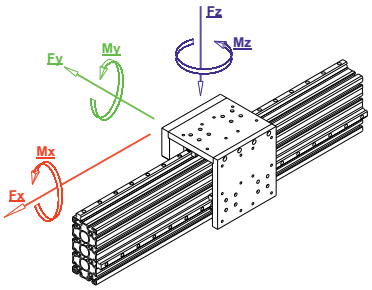


KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation

Product code : 5.4.08.090180.2.03.2.Strok

Upload Values



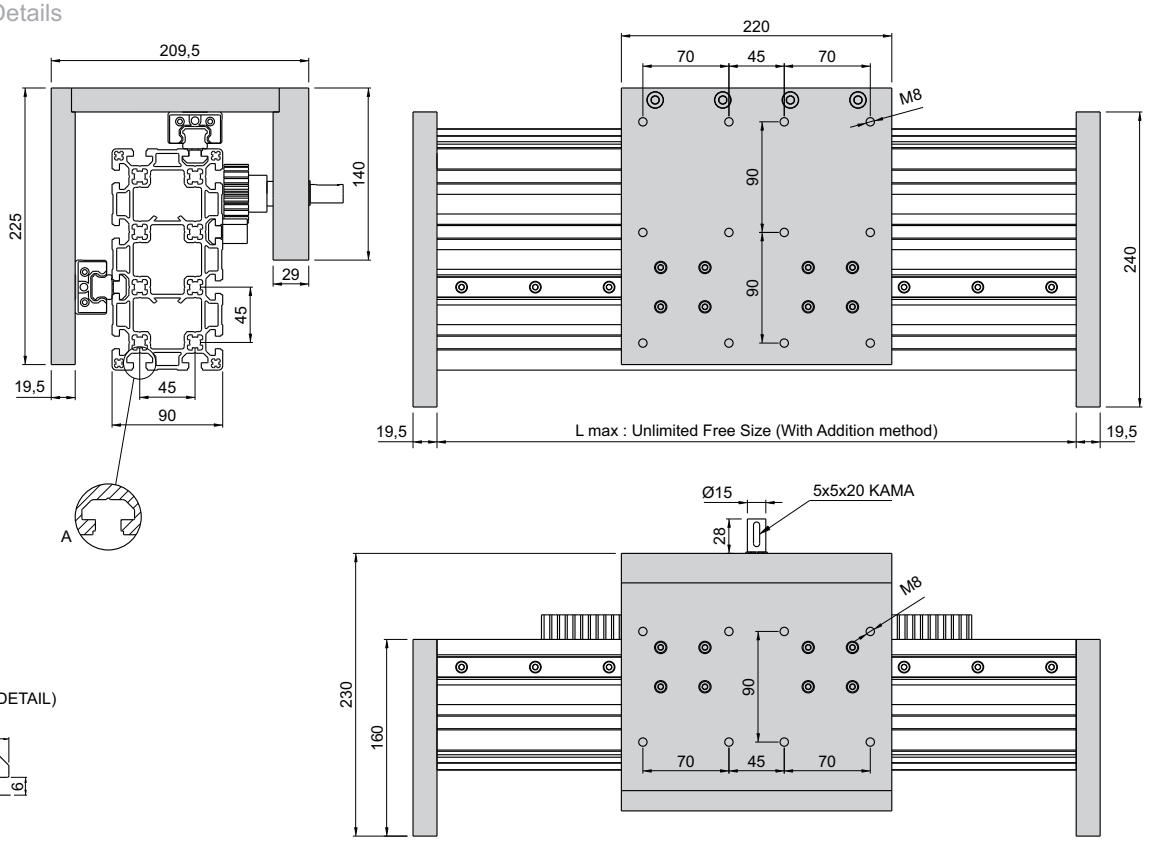
Load		Dynamic
Fx	(N)	1650
Fy	(N)	2450
Fz	(N)	3850
Moment		
Mx	(Nm)	390
My	(Nm)	1613
Mz	(Nm)	2470

Technical Specifications

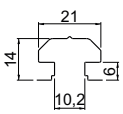
Body	;	90x180 Profile (Aluminum 6063)
Movement Speed	;	3 mt/sn
Movement Distance Per Tour (pitch)	;	138,16 mm
Rack and Pinion	;	Mod:2 Düz / Mod:2 Helisel
Pinion Gear	;	Mod:2 Z:22 Düz / Mod:2 Z:20 Helisel
Linear Rail	;	20 lik Linear rail
Linear Block	;	20 - Narrow Linear Car
Positioning Accuracy	;	0,2 mm
Basic Weight With Zero Strok	;	16,02 kg
Weight 1000mm Stroke	;	38,33 kg
Automation Control System	;	400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

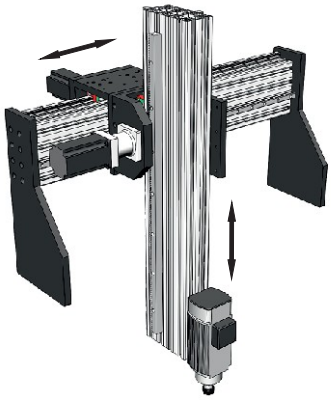
Technical Details

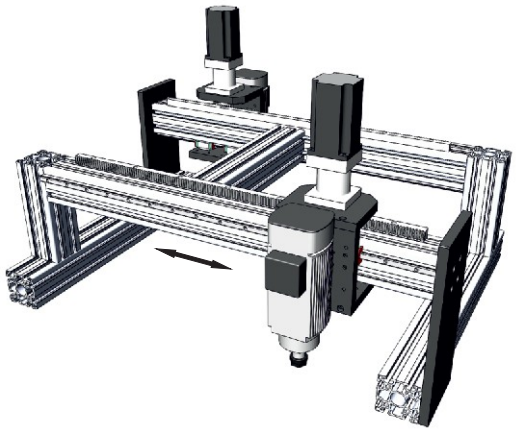


A (CHANNEL DETAIL)



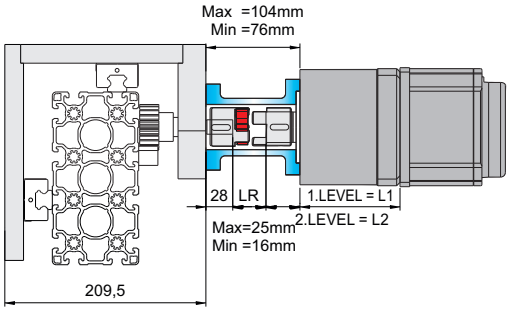
Applications

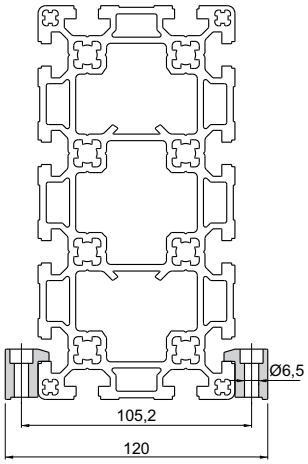




Reducer Connection Detail

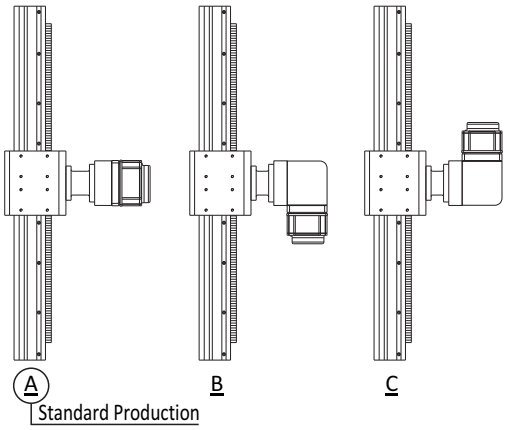
Connection Dimensions





SESAME REDUCER TYPE	L1	L2
PEC 90 (750W -1kW - For use)	75 mm	115 mm
PEC 120 (1W -1.5kW - For use)	88 mm	136 mm

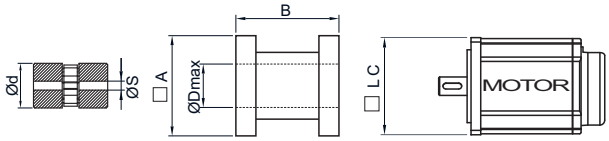
Drive Direction Options



Planetary Gearbox Cycle Rates

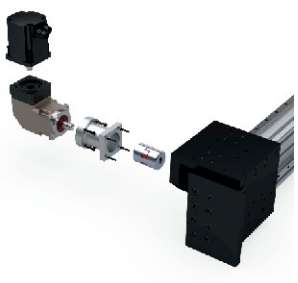
1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 90 : 171 Nm
Maximum Tork PEC 120 : 509 Nm
Maximum Tork : 6000 rpm

Coupling & Flange Selection



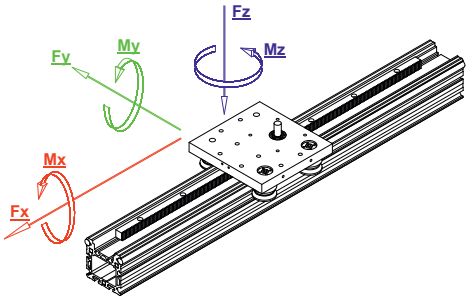
KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95
JM 65	65	10 - 38	120 x 120	85 - 120	90 - 100	65	85 - 120

Types of Acupulation



Product code : 5.4.08.080080.1.01.2.Strok

Upload Values



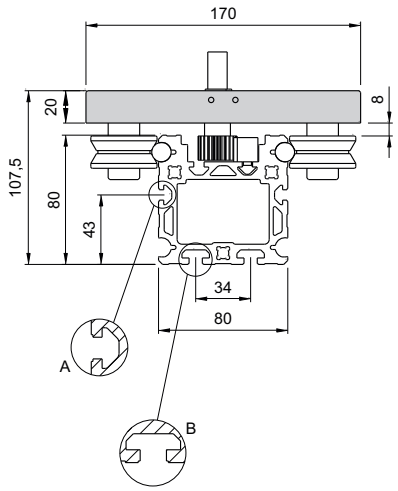
Load		Dynamic
Fx	(N)	780
Fy	(N)	2100
Fz	(N)	1880
Moment		
Mx	(Nm)	150
My	(Nm)	165
Mz	(Nm)	175

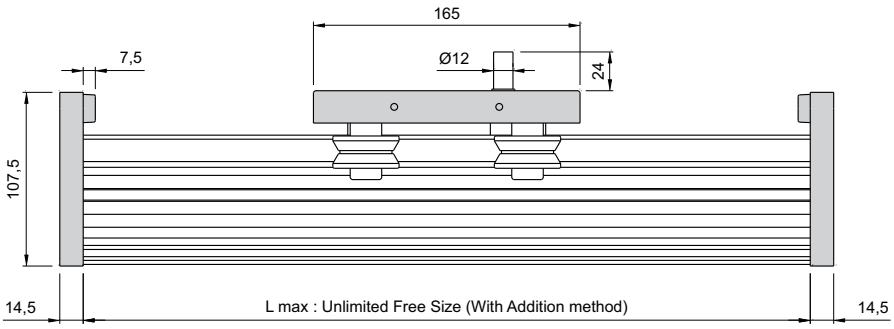
Technical Specifications

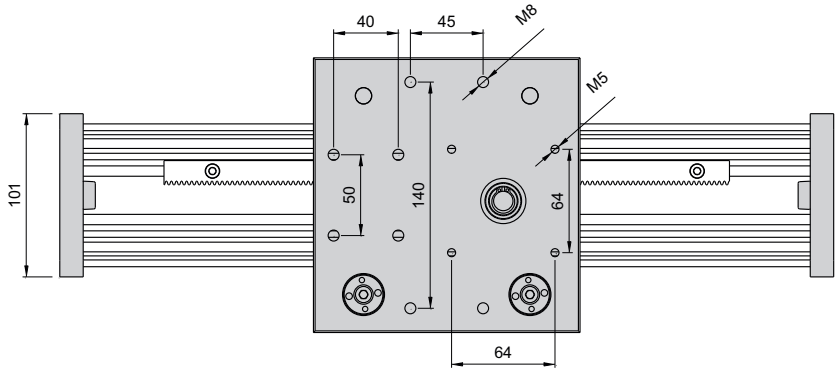
Body	; 80x80 Profile (Aluminum 6063)
Movement Speed	; 4 mt/sn
Movement Distance Per Tour (pitch)	; 69,08 mm
Rack and Pinion	; Mod:1 Düz
Pinion Gear	; Mod:1 Z:22 Düz
Linear Rail	; Ø12 Krom Kaplı (0.2 - 0,30 µm) İndüksiyonlu Mil 60-62 HRC h7
Linear Block	; RV 201-12 KDD
Positioning Accuracy	; 0,2 mm
Basic Weight With Zero Strok	; 4,78 kg
Weight 1000mm Stroke	; 13,84 kg
Automation Control System	; 400 / 750 / 1kw Omron Servo + PLC + Pano

Note: Depending on the operating sensitivity, Asynchronous, Step, Induction, etc. It can be driven by motors.

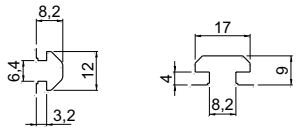
Technical Details



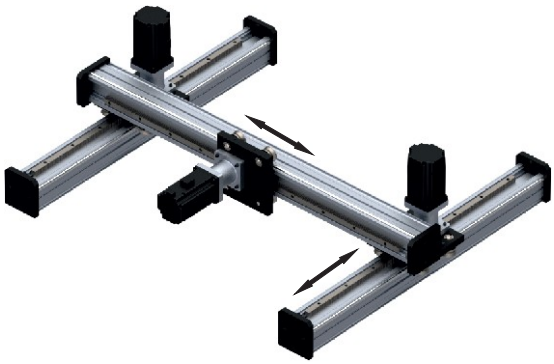




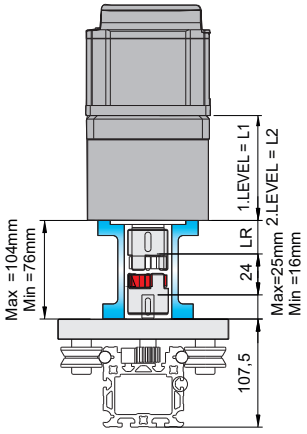
A (CHANNEL DETAIL) B (CHANNEL DETAIL)



Applications



Reducer Connection Detail

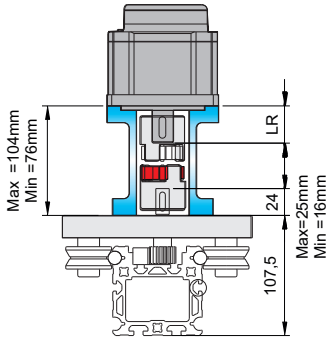


SESAME REDUCER TYPE	L1	L2
PEC 70 (400W For use)	64 mm	92 mm
PEC 90 (750W -1kW - For use)	75 mm	115 mm

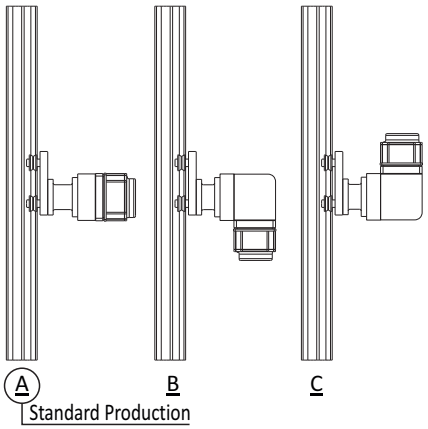
Planetary Gearbox Cycle Rates

1.LEVEL : 3-4-5-7-10
2.LEVEL : 15-20-25-30-35-40-50-70-100
Maximum Tork PEC 70 : 79 Nm
Maximum Tork PEC 90 : 171 Nm
Maximum Devir : 6000 rpm

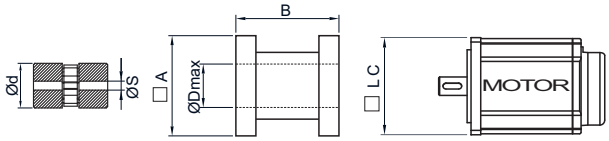
Motor Connection Detail



Drive Direction Options

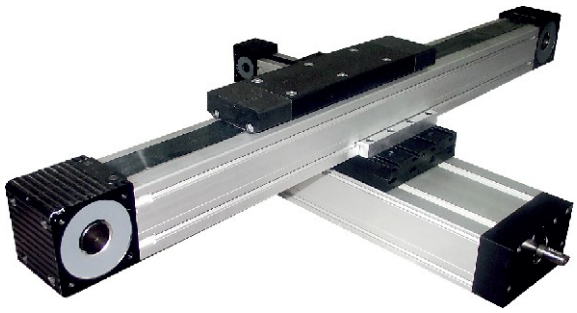


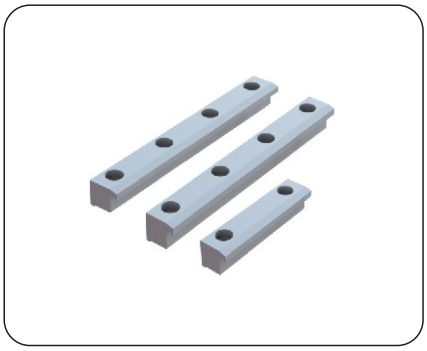
Coupling & Flange Selection

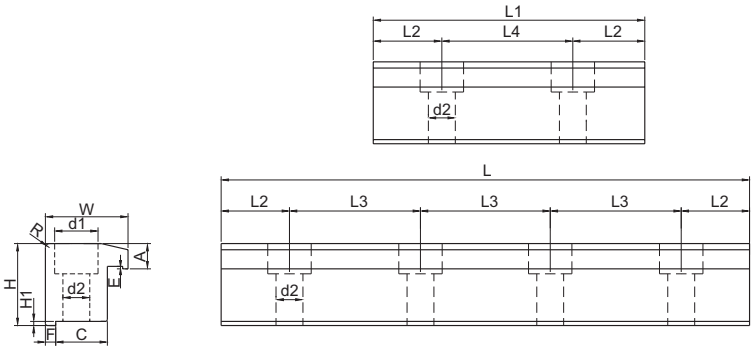


KAPLİN	Ød	ØS	FLANŞ	A	B	ØDmax	LC
JM 40	40	8 - 22	85x 85	65 - 85	80 - 90	47	65 - 85
JM 55	55	8 - 28	95 x 95	80 - 95	94 - 104	60	70 - 95

Types of Acupulation



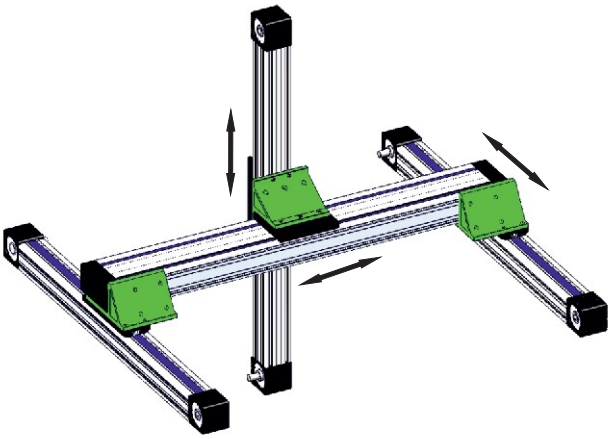


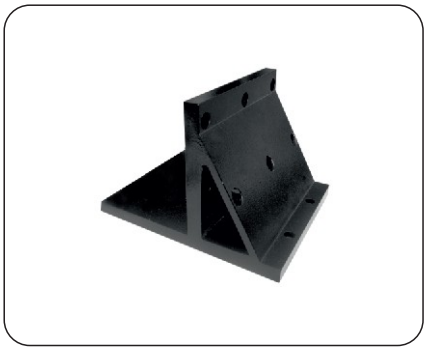


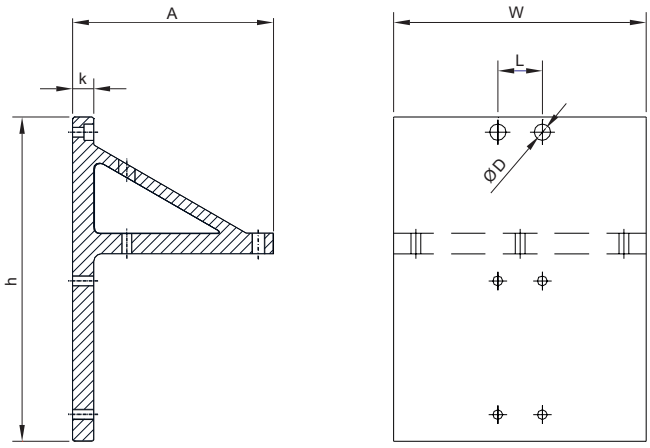
CODE	MODEL	H	H1	d2	d1	E	A	R	W	C	L	L1	L2	L3	L4	F
7.26.080064.000000.00.10	80 x 80 - 64 x 64 Module Connecting Part	19,8	1	6,5	10,5	0,5	6	0,5	20	12,5	160	-	12,5	45	60	2,5
7.26.100100.000000.00.10	100 x 100 Module Connecting Part	30,3	1	6,5	10,5	0,5	6	0,5	20	12,5	-	85	12,5	-	60	2,5
7.26.045045.000000.00.10	45 x 45 Module Connecting Part	22,9	1	6,5	10,5	-	5,5	0,5	20	12,5	-	85	12,5	-	60	2,5
7.26.080160.000000.00.10	80 x160 Module Connecting Part	14,3	1	6,5	10,5	0,5	6	0,5	20	12,5	160	-	12,5	45	60	2,5
7.26.065145.000000.00.10	65 x 145 Module Connecting Part	14,5	1	6,5	10,5	0,5	6	0,5	20	12,5	145	-	12,5	40	-	2,5
7.26.050110.000000.00.10	50 x110 Module Connecting Part	10,5	1	6,5	10,5	0,5	6	0,5	20	12,5	-	60	10	-	40	2,5

Using Area

It is a piece of equipment that provides a very practical connection to another module or plate by using the T-slots in the modules.





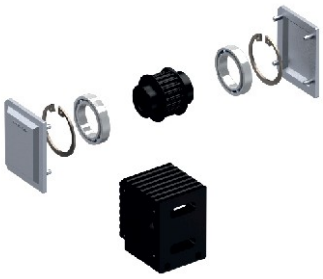


CODE	Bağlantı Yeri	h	ØD	k	W	A	L
7.26.080064.000000.01.10	80x80 - 64x64 Module Axis Connecting	218	8,5	18	170	110	30
7.26.080160.000000.01.10	80x80 - 80x160 Module Axis Connecting	218	8,5	18	210	110	60
7.26.100100.000000.01.10	100x100 - 100x100 Module bridge Axis Connecting	218	8,5	18	210	132	75
7.26.080160.080080.01.10	80x160 - 80x80 Module 3 Axis Connecting	218	6,5	18	170	140	60

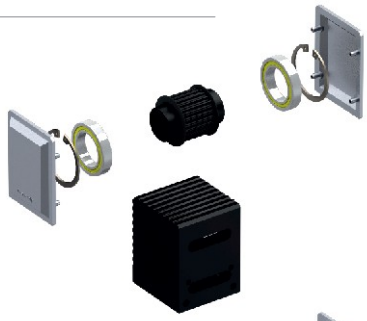
Using Area

The 'two-axis connection piece' made of monobloc aluminum die-cast material enables the rigid connection of your modules in the square.casting body and federated structure dampens vibrations. This system obtained by joining two separate plates with bolts; abor, time and costsavings.

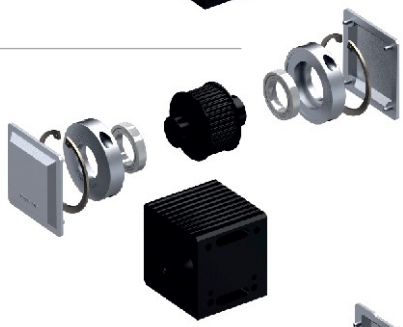
38x50 Covers



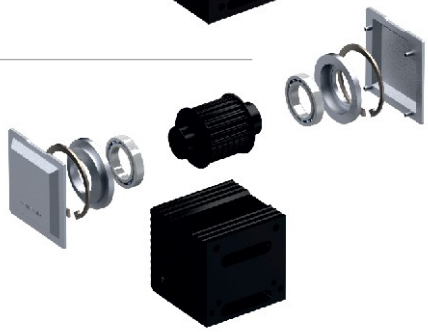
64x64 Covers

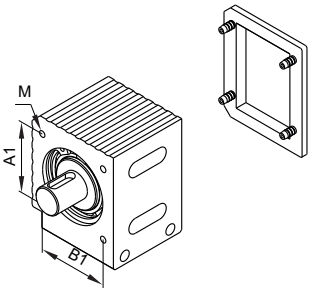


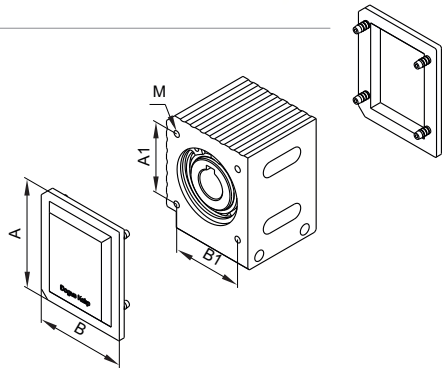
80x80 Covers



100x100 Covers







CODE	STOCK NAME	A	B	A1	B1	M
5.1.2.038050.4260.03	38x50 Triger Head with Hole	58	48	37,5	37,5	4
5.1.2.038050.4260.04	38x50 Triger Head Shaft	58	48	37,5	37,5	4
5.1.2.064064.0015.03	64x64 Triger Head with Hole	82,5	64	45	54	5
5.1.2.064064.0015.04	64x64 Triger Head Shaft	82,5	64	45	54	5
5.1.2.080080.0020.03	80x80 Triger Head With Drive Hole	84	84	64	64	5
5.1.2.080080.0020.04	80x80 Triger Head Drive Shaft	84	84	64	64	5
5.1.2.090180.0203.03	100x100 Triger Head with Hole	98	98	71	71	6
5.1.2.090180.0203.04	100x100 TTriger Head Shaft	98	98	71	71	6

Technicial Specifications

NEW

GENERAL FEATURES:

1- Fast completion of steps thanks to 3000rpm motors

2- Comfortable use with easy HMI interface

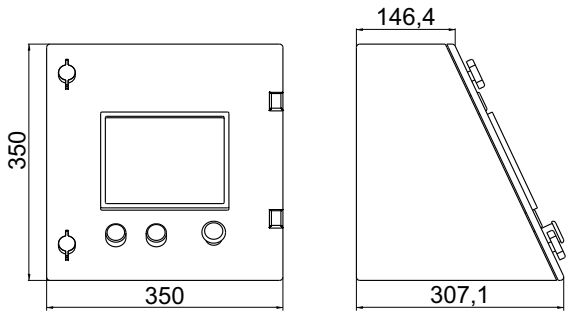
3- Waiting with temporal and contact between steps

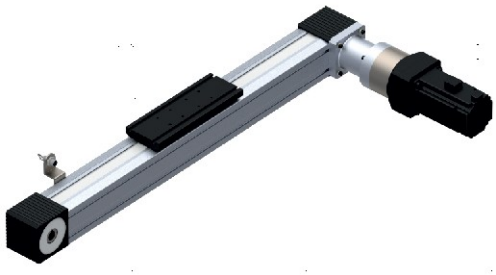
4- Ability to process step intervals in a single axis system

5- Repeat the same operation in the desired amount thanks to the continuous operating mode

6- Ability to allow different combinations for each step

7- Efficient vibration-free movements thanks to highly capable servos





Technicial Specifications

NEW

GENERAL FEATURES:

1- Fast completion of steps thanks to 3000rpm motors

2- Comfortable use with easy HMI interface

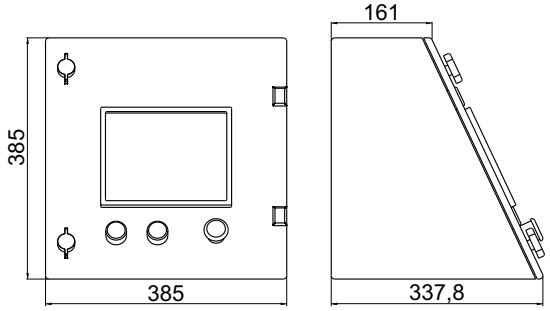
3- Waiting with temporal and contact between steps

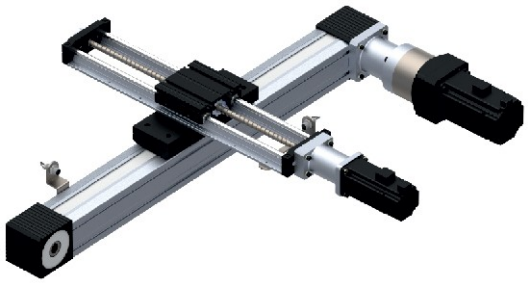
4- Two-axis system able to operate in the desired step range

5- Repeat the same operation in the desired amount thanks to the continuous operating mode

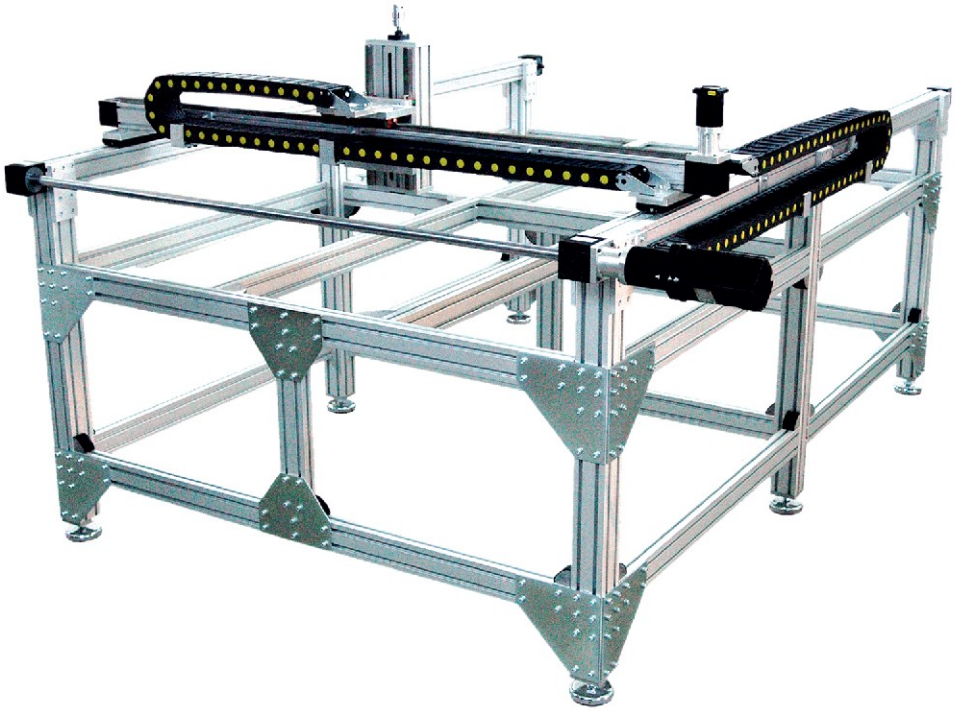
6- Ability to allow different combinations for each step

7- Efficient vibration-free movements thanks to highly capable servos

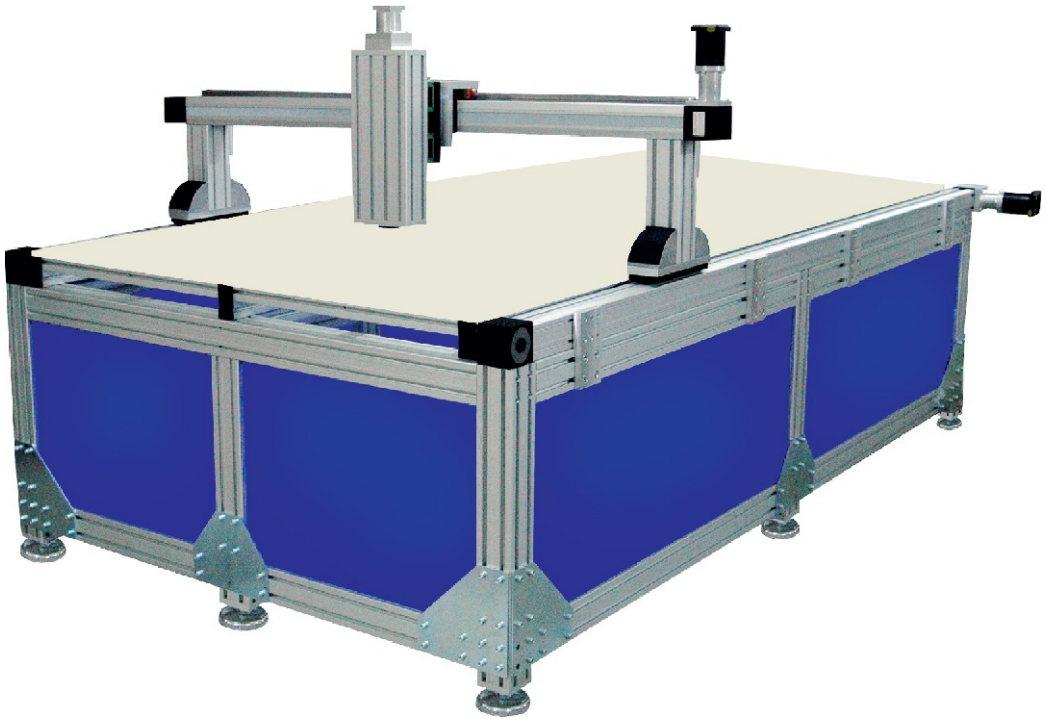




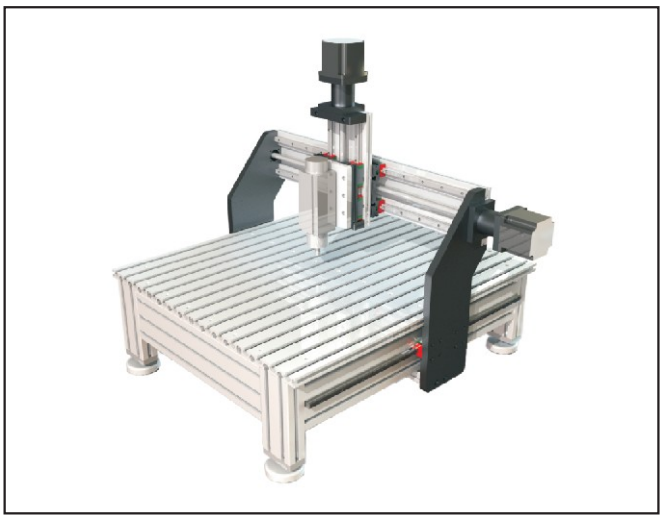
3 Axial CNC Bench



Furniture-wood Processing CNC Machine Bench



S-CNC-RV1 / RV2 / RV3



GENERAL FEATURES:

1- Wood, plastic, plexiglass, aluminum, styrofoam, etc.

2- 15 Linear rail and 4 piece linear block

3- Ø16-05 ball bearing ball screw drive

4- Precision aluminum construction Body and module system

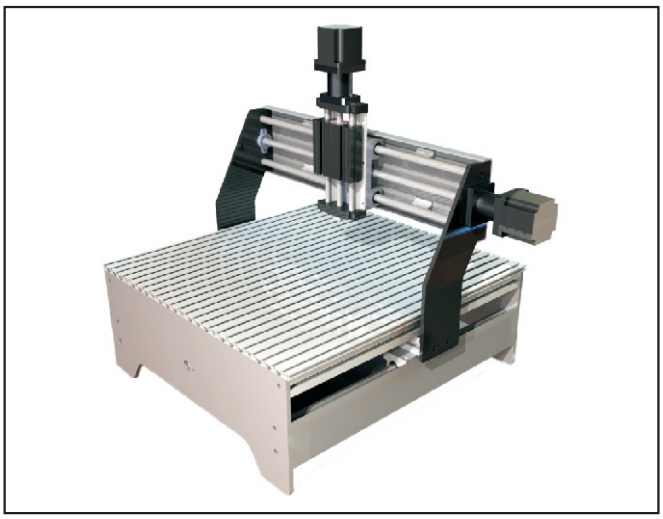
5- DKZM -15 z -axial module

6- Optional 3 axis motor coupling (servo/step)

7- 22,5x180 T slot nut aluminum tray

	Working places			
CODE	MODEL	X	Y	Z
5.9.1.1.0350.0350.0100	S-CNC-RV1	350 mm	350 mm	100 mm
5.9.1.1.0500.0350.0100	S-CNC-RV2	500 mm	350 mm	100 mm
5.9.1.1.0500.0530.0100	S-CNC-RV3	500 mm	530 mm	100 mm

S-CNC-LV1 / LV2 / LV3



GENERAL FEATURES:

1- Wood, plastic, plexiglass, aluminum, styrofoam, etc.

2- Ø16 hardened chrome shaft and 4 piece linear bearing

3- Ø16-05 ball bearing ball screw drive

4- Precision aluminum construction Body and module system

5- DKZM -16 Z-axial module

6- Optional 3 axis motor coupling (servo/step)

7- 15x120 T slot nut aluminum tray

	Working places			
CODE	MODEL	X	Y	Z
5.9.1.2.0350.0350.0100	S-CNC-LV1	350 mm	350 mm	100 mm
5.9.1.2.0500.0350.0100	S-CNC-LV2	500 mm	350 mm	100 mm
5.9.1.2.0500.0470.0100	S-CNC-LV3	500 mm	470 mm	100 mm

* Mechanical products are provided to your designs.

M-CNC-RV1 / RV2

GENERAL FEATURES:

1- Wood, plastic, plexiglass, aluminum, styrofoam, etc.

2- 20 Linear rail and 4 piece linear block

3- Ø25-10 ball bearing ball screw drive (X Axial)

4- Precision, rigid aluminum construction Body and module system

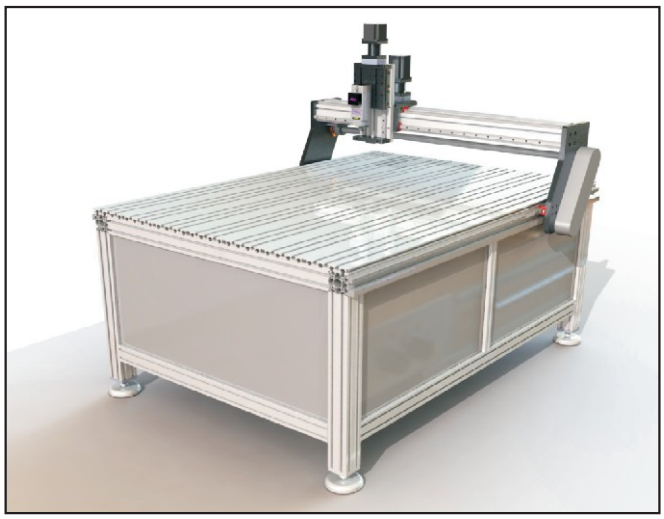
5- DKZM -15 z -axial module

6- Optional 3 axis motor coupling (servo/step)

7- 22,5x180 T slot nut aluminum tray

	Working places			
CODE	**MODEL**	**X**	**Y**	**Z**
5.9.2.1.1000.1000.0150	M-CNC-RV1	1000 mm	1000 mm	150 mm
5.9.2.1.1500.1000.0150	M-CNC-RV2	1500 mm	1000 mm	150 mm
5.9.2.1.2100.1000.0150	M-CNC-RV3	2100 mm	1000 mm	150 mm
5.9.2.1.2100.1500.0150	M-CNC-RV4	2100 mm	1540 mm	150 mm

M-CNC-KR1 / KR2



GENERAL FEATURES:

1- Wood, plastic, plexiglass, aluminum, styrofoam, etc.

2- Center-shaped chassis design for special applications
(platina cut, laser cut, water jet cut)

3- 20 Linear rail and 4 piece linear block

4- Mod 1,5 gear rack / z 22 pinion (x/y axial)

5- DKZM -20 Z-Axial module

6- Precision, rigid aluminum construction Body and module system

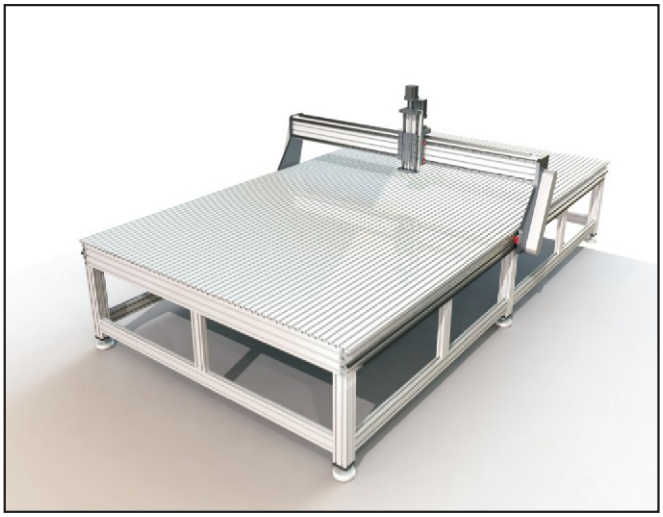
7- Optional 3 axis motor coupling (servo/step)

8- Optional 22,5x180 T slot nut aluminum tray

	Working places			
CODE	**MODEL**	**X**	**Y**	**Z**
5.9.2.2.1500.1000.0150	M-CNC-KR1	1500 mm	1045 mm	150 mm
5.9.2.2.2100.1000.0150	M-CNC-KR2	2100 mm	1000 mm	150 mm
5.9.2.2.2100.1500.0150	M-CNC-KR3	2100 mm	1585 mm	150 mm

* Mechanical products are provided to your designs.

L-CNC- KR1 / KR2



.GENERAL FEATURES:

1- Wood, plastic, plexiglass, aluminum, styrofoam, etc.

2- 20 Linear rail and 4 piece linear block

3- Mod 2 rack / pinion (X-Y Axial)

4- Precision, rigid aluminum construction Body and module system

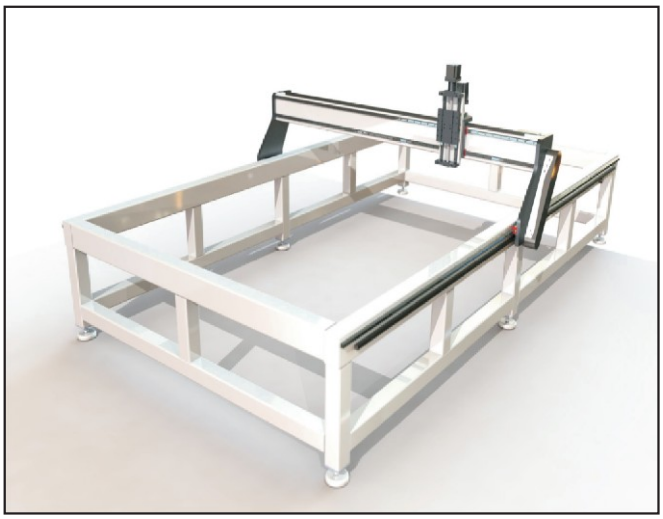
5- DKZM -20 Z -Axial module

6- Optional 3 axis motor coupling (servo/step)

7- 22,5x180 T slot nut aluminum tray

	Working places			
CODE	MODEL	X	Y	Z
5.9.3.1.3000.1500.0200	L-CNC-KR1	3000 mm	1560 mm	200 mm
5.9.3.1.4000.2100.0200	L-CNC-KR2	4000 mm	2100 mm	200 mm
5.9.3.1.6000.2100.0200	L-CNC-KR3	6000 mm	2100 mm	200 mm
5.9.3.1.6000.4000.0200	L-CNC-KR4	6000 mm	4080 mm	200 mm

L-CNC-CL1 / CL2



GENERAL FEATURES:

1- Wood, plastic, plexiglass, aluminum, styrofoam, etc.

2- Center-shaped chassis design for special applications
(platina cut, laser cut, water jet cut)

3- Linear rail and 4 piece linear block

4- Rack / pinion gear drive

5- Robust and rigid steel construction Body

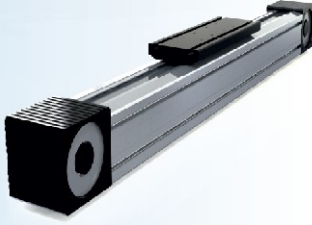
6- DKZM -20 Z-Axial module

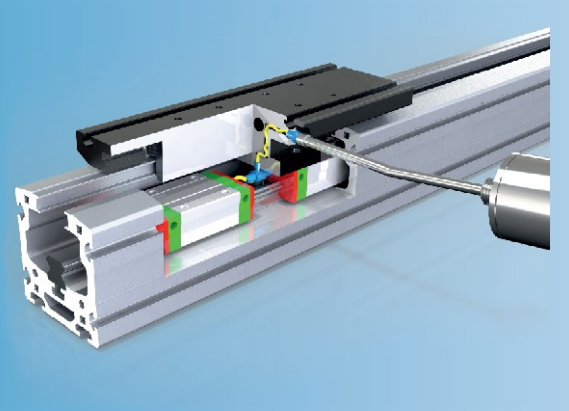
7- Optional 3 axis motor coupling (servo/step)

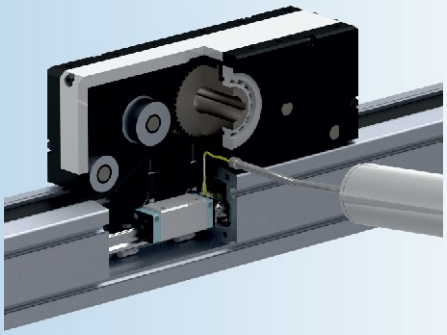
	Working places			
CODE	MODEL	X	Y	Z
5.9.3.2.3000.1500.0200	L-CNC-CL1	3000 mm	1500 mm	200 mm
5.9.3.2.4000.2100.0200	L-CNC-CL2	4000 mm	2100 mm	200 mm
5.9.3.2.6000.2100.0200	L-CNC-CL3	6000 mm	2100 mm	200 mm
5.9.3.2.6000.4000.0200	L-CNC-CL4	6000 mm	4000 mm	200 mm

* Mechanical products are provided to your designs.

LUBRICATION IN TRIGER BELT SYSTEMS







PERIODIC MAINTENANCE PLAN

Daily Usage Time	Maintenance Period
24 hours	1 per month
24 hours	1 per in 2 months
8 hours	1 per in 4 months

Oils to be used in standard applications under the 1mt /sn		Oils to be used at high speed up to 1 mt/sn		Surface or induction shaft oil	
Greas	Supergres EP1	Greas	Supergres EP2	Liquid Oil	Vactra No2S
	Neogrease LH1		Neogrease LS2		Mobile DTE Oil Light

MAINTENANCE INSTRUCTIONS

1- Lubrication on the top plate of the modules lubrication is done by attaching a grease pump to the grease cup.

2- By lubricating the induction shafts with thin oil the module is moved back and forth and lubrication is provided.

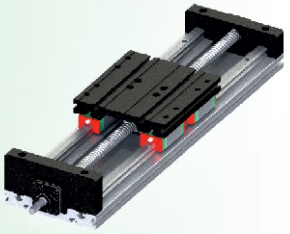
3- With the help of the gress pump, the glazing of linear cars back and forth to the module by spraying grease movement is made.

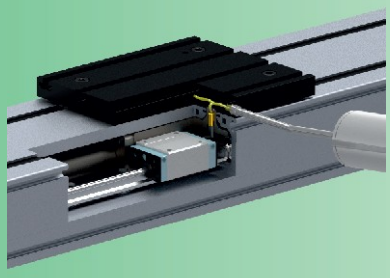
4- Oil in the seal slot in shielded and felt systems tightened. Seal oil to induction shafts and bearing transfers.

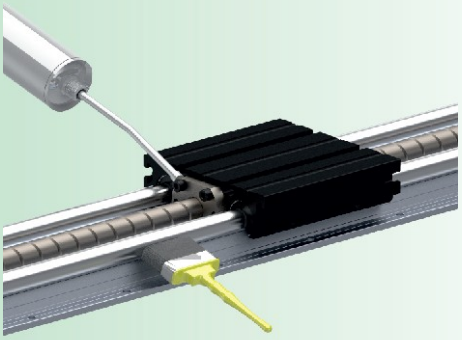
5- The bolts seems on the module are in the maintenance plan. The gap is removed by tightening in the specified periods.

In order for the systems to operate at maximum efficiency for many years, the lubrication and maintenance instructions should be followed regularly as shown in the above tables.

LUBRICATION IN BALL SCREW SYSTEMS







PERIODIC MAINTENANCE PLAN					
Daily Usage Time			Maintenance Period		
24 hours			1 per month		
24 hours			1 per in 2 months		
8 hours			1 per in 4 months		
Oils to be used in standard applications under the 1mt /sn		Oils to be used at high speed up to 1 mt/sn		Surface or induction shaft oil	
Greas	Supergres EP1	Greas	Supergres EP2	Liquid Oil	Vactra No2S
	Neogrease LH1		Neogrease LS2		Mobile DTE Oil Light

MAINTENANCE INSTRUCTIONS

1- Lubrication on the top plate of the modules lubrication is done by attaching a grease pump to the grease cup.

2- By lubricating the induction shafts with thin oil the module is moved back and forth and lubrication is provided.

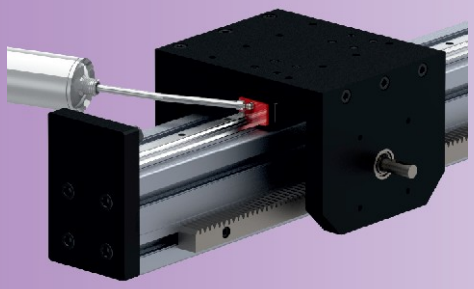
3- With the help of the gress pump, the glazing of linear cars back and forth to the module by spraying grease movement is made.

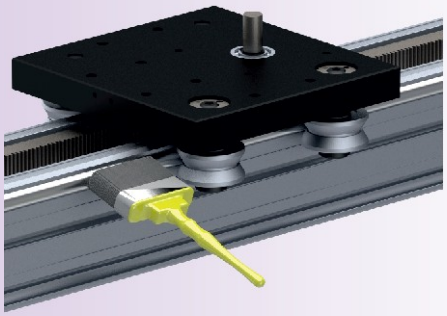
4- Oil in the seal slot in shielded and felt systems tightened. Seal oil to induction shafts and bearing transfers.

5- The bolts seems on the module are in the maintenance plan. The gap is removed by tightening in the specified periods.

In order for the systems to operate at maximum efficiency for many years, the lubrication and maintenance instructions should be followed regularly as shown in the above tables.

LUBRICATION IN RACK SYSTEMS





PERIODIC MAINTENANCE PLAN

Daily Usage Time	Maintenance Period
24 hours	1 per month
24 hours	1 per in 2 months
8 hours	1 per in 4 months

Oils to be used in standard applications under the 1mt /sn		Oils to be used at high speed up to 1 mt/sn		Surface or induction shaft oil	
Greas	Supergres EP1	Greas	Supergres EP2	Liquid Oil	Vactra No2S
	Neogrease LH1		Neogrease LS2		Mobile DTE Oil Light

MAINTENANCE INSTRUCTIONS

1- Lubrication on the top plate of the modules lubrication is done by attaching a grease pump to the grease cup.

2- By lubricating the induction shafts with thin oil the module is moved back and forth and lubrication is provided.

3- With the help of the gress pump, the glazing of linear cars back and forth to the module by spraying grease movement is made.

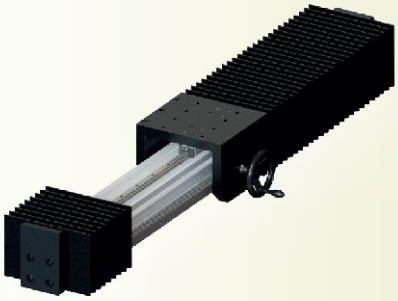
4- Oil in the seal slot in shielded and felt systems tightened. Seal oil to induction shafts and bearing transfers.

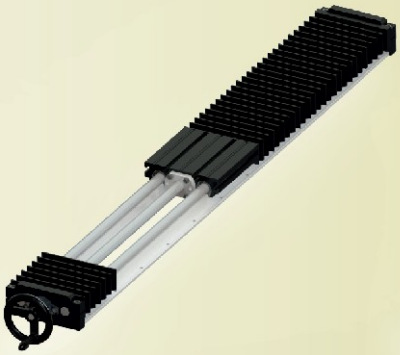
5- The bolts seems on the module are in the maintenance plan. The gap is removed by tightening in the specified periods.

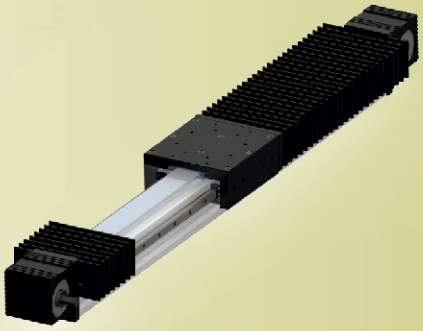
In order for the systems to operate at maximum efficiency for many years, the lubrication and maintenance instructions should be followed regularly as shown in the above tables.

PROTECTION AND TRANSPORT IN LINEAR MOTION SYSTEMS

Bellow applicaiton

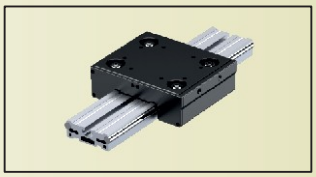


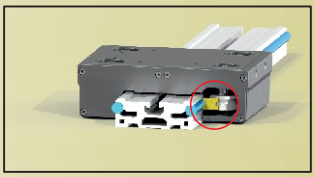




Thanks to the bellows applications, linear motion systems are protected at the maximum level and require less maintenance. The bellows type is determined according to the type of application and the environment conditions of the application. Thank to the bellows the life of linear system is extended.
Please see page 2 module selection table for modules that can be applied bellows application.

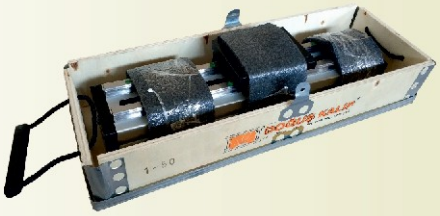
Felt closed application





Thankstotheese sealed closed systems, the bearing and blocks part of the manuel systems are protected against external factors. This systems is easer to maintain and usage life will be longer.

Transport boxes



We ship our modules in crates produced in product-specific dimensions for the production of safe transfer of our modules in national and international shipping.

Notes :

Notes :

Notes :

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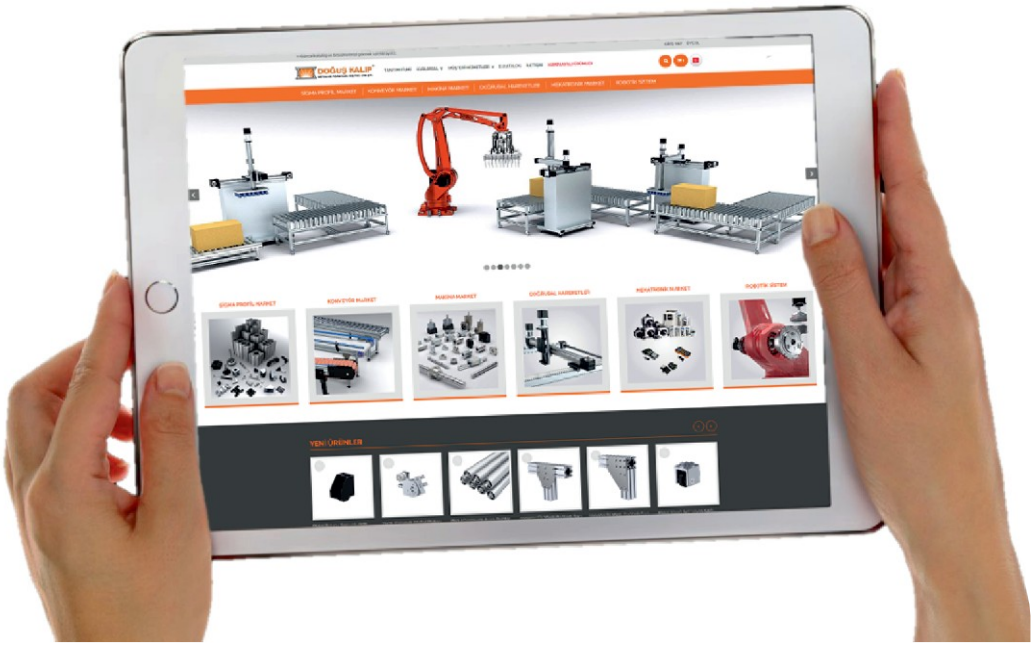

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CENTRE
Mahmutbey Mah. Karaoğlanoğlu Cad.
No:15/17 Bağcılar / İSTANBUL
Tel: +90 212 480 08 28 Pbx Fax: +90 212 480 08 33
E-Mail: info@doguskalip.com.tr

Gebze Branch
Gaziler Mahallesi İbrahim Ağa Caddesi No:273/1
Gebze / KOCAELİ
Tel: +90 262 643 60 40 Fax: +90 262 643 60 50
E-Mail: gebze@doguskalip.com.tr

Hadımköy Branch
Alkop San. Sitesi Akçaburgaz Mah. 1592 Sokak A11
Blok No: 9 - 10 Esenyurt / İSTANBUL
Tel: +90 212 858 11 13 Fax: +90 212 858 11 14
E-Mail: hadimkoy@doguskalip.com.tr

Bayrampaşa Branch
Terazidere Mah. Çiftehavuzlar Cad. Melihbey İşhanı
No: 36 /6 Bayrampaşa / İSTANBUL
Tel: +90 212 480 08 21 Pbx Fax: +90 212 480 08 35
E-Mail: bayrampasa@doguskalip.com.tr

İkitelli Branch
İkitelli Org. San. Böl. Eskoop San. Sit. C2 Blok No: 48
Başakşehir / İSTANBUL
Tel: +90 212 549 24 06 Fax: +90 212 549 24 11
E-Mail: ikitelli@doguskalip.com.tr

İmes Branch
İmes Sanayi Sitesi C Blok 304 Sokak No: 1
Yukarı Dudullu - Ümraniye / İSTANBUL
Tel: +90 216 540 11 23 Fax: +90 216 540 11 25
E-Mail: imes@doguskalip.com.tr

Bursa Branch
Üçevler Mah. 78. Sokak (220) Akva Tic.Mer.C Blok
34 Nolu Bağımsız Apartman No:2/A Nilüfer / BURSA
Tel: +90 224 441 42 16 Pbx Fax: +90 224 441 40 34
E-Mail: bursa@doguskalip.com.tr

İzmir Branch
Karacaoğlan Mah. 6169 Sokak No: 7-A
Işıkkent Bornova / İZMİR
Tel: +90 232 472 24 61 Pbx Fax: +90 232 472 24 60
E-Mail: izmir@doguskalip.com.tr

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