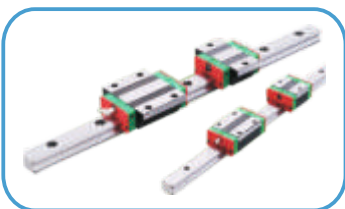


ΣΥΣΤΗΜΑΤΑ ΓΡΑΜΜΙΚΗΣ ΚΙΝΗΣΗΣ LINEAR MOTION SYSTEMS

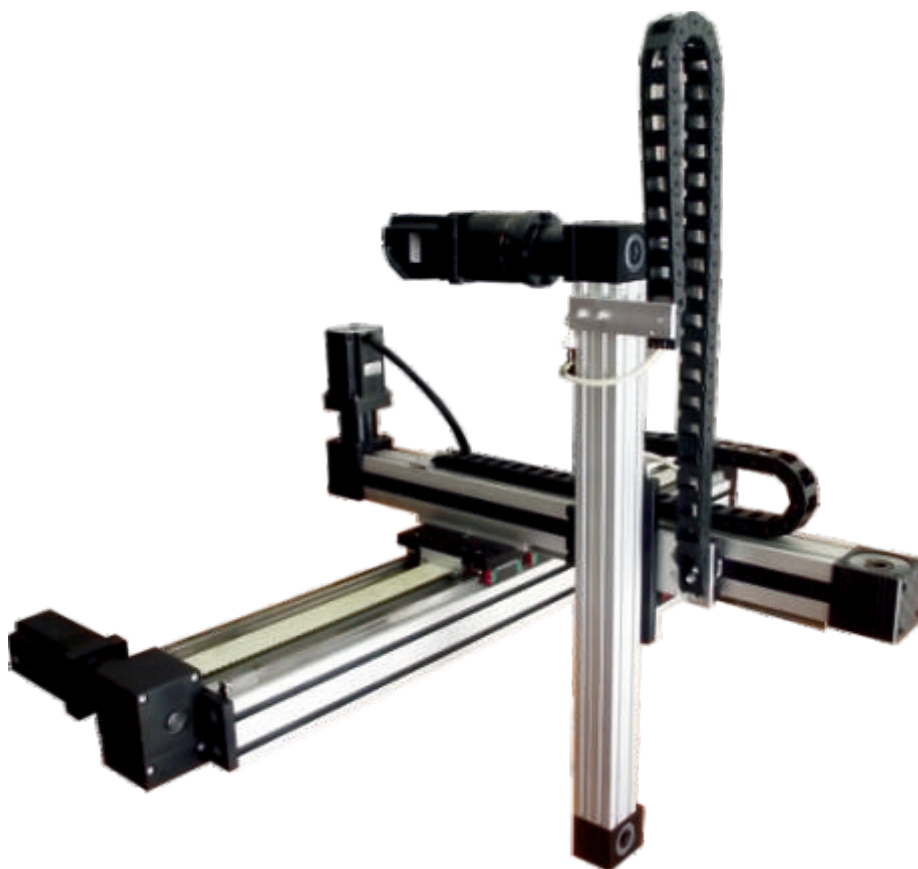
LINEAR BLOCKS AND RAILS



BALLSCREW AND NUTS



RACK AND PINIONS



SHAFT SUPPORT UNITS



LINEAR GUIDES



LINEAR BEARINGS & COUPLINGS



e-mail: sales@aluminium-profile.gr
www.aluminium-profile.gr

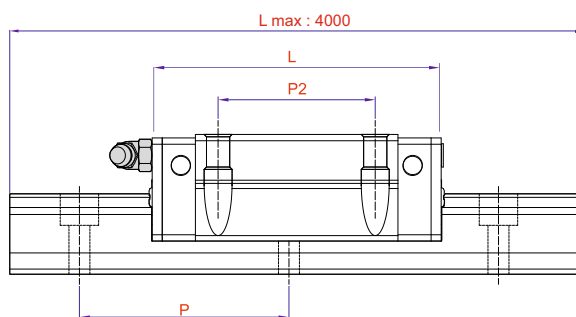
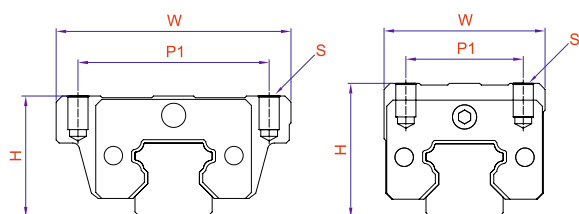
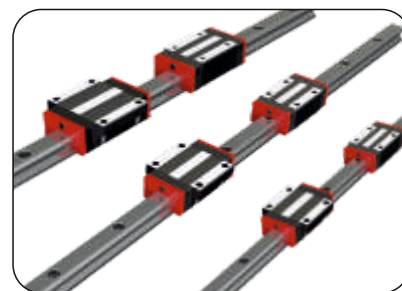
**ΚΑΤΑΛΟΓΟΣ
2020**

DMS®

LINEAR GUIDEWAYS AND BLOCKS

GHH / NARROW HIGH TYPE

GHW / WIDE TYPE



Mechanical Parts

PRODUCT NAME	Type	H	P1	P2	P	L	S	W	Static Kg	Dynamic Kg
NARROW LINEAR BLOCK	GHH 15	28	26	26	60	61,4	M4	34	1697	1138
WIDE LINEAR BLOCK	GHW 15	24	38	30	60	61,4	M5	47	1697	1138
NARROW LINEAR BLOCK	GHH 20	30	32	36	60	77,5	M5	44	2776	1775
WIDE LINEAR BLOCK	GHW 20	30	53	40	60	77,5	M6	63	2776	1775
NARROW LINEAR BLOCK	GHH 25	40	35	35	60	84	M6	48	3649	2648
WIDE LINEAR BLOCK	GHW 25	36	57	45	60	84	M8	70	3649	2648
NARROW LINEAR BLOCK	GHH 30	45	40	40	80	97,4	M8	60	5219	3874
WIDE LINEAR BLOCK	GHW 30	42	72	52	80	97,4	M10	90	5219	3874
NARROW LINEAR BLOCK	GHH 35	55	50	50	80	112,4	M8	70	6916	4952
WIDE LINEAR BLOCK	GHW 35	48	82	62	80	112,4	M10	100	6916	4952

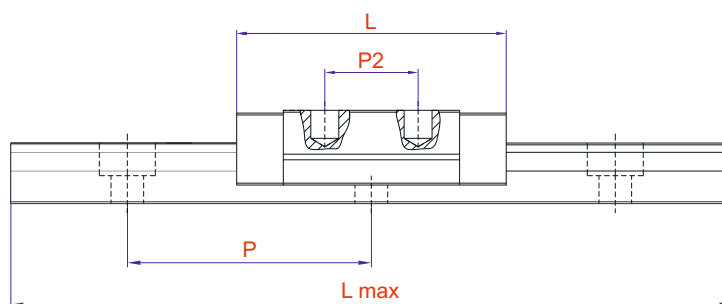
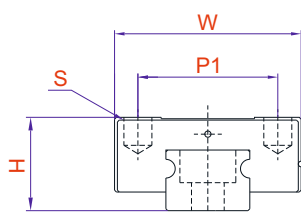
LINEAR BLOCK		LINEAR GUIDEWAY	
ΚΩΔΙΚΟΣ	ΤΙΜΗ	ΚΩΔΙΚΟΣ	ΤΙΜΗ/μ
D 100	28,00 €	D 110	
D 101	30,00 €		
D 102	32,00 €	D 111	
D 103	37,00 €		
D 104	47,00 €	D 112	
D 105	48,00 €		
D 106	63,00 €	D 113	
D 107	65,00 €		
D 108	85,00 €	D 114	
D 109	89,00 €		

* The length of linear guideways is 4000 mm.

DMS®

MINIATURE LINEAR GUIDEWAY

MINIATURE LINEAR BLOCK



Mechanical Parts

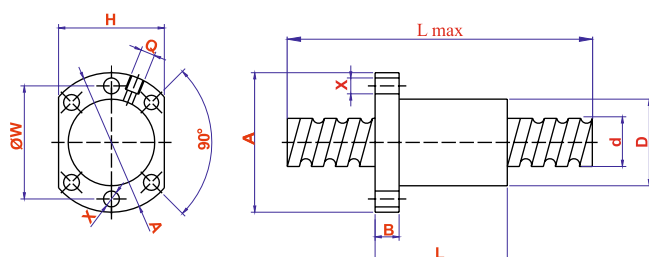
PRODUCT NAME	Type	H	P1	P2	P	L	S	W	Static Kg	Dynamic Kg
MINIATURE LINEAR BLOCK	DMN-07	8	12	8	15	22.5	M2x2.5	17	10	8
MINIATURE LINEAR BLOCK	DMN-09	10	15	10	20	28.9	M3x3	20	20	15
MINIATURE LINEAR BLOCK	DMN-12	13	20	15	25	34.7	M3x3.5	27	32	27
MINIATURE LINEAR BLOCK	DMN-15	16	25	20	40	42.1	M3x4	32	45	37

LINEAR BLOCK		LINEAR GUIDEWAY	
ΚΩΔΙΚΟΣ	ΤΙΜΗ	ΚΩΔΙΚΟΣ	ΤΙΜΗ/m
D 115	27,00 €	D 119	
D 116	27,00 €	D 120	
D 117	28,00 €	D 121	
D 118	29,00 €	D 122	

* Length max
DMN 07-700 mm
DMN 09-1000 mm
DMN 12-1600 mm
DMN 15-1600 mm

FSU FLANGED NUT

DKM

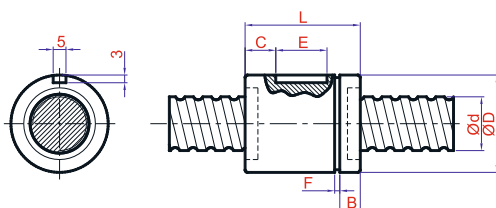


PRODUCT NAME	A	X	H	W	B	L	d	D	Q	Load Capacity	
										Ca (Kgf)	Coa (Kgf)
(DKM-1605 FSU) Ballscrew and Nut	48	5,5	40	38	10	43	16	28	M4	780	1790
(DKM-2005 FSU) Ballscrew and Nut	58	6,6	44	47	10	43	20	36	M4	1100	2280
(DKM-2505 FSU) Ballscrew and Nut	63	6,6	48	51	10	43	25	40	M4	1250	3070
(DKM-2510 FSU) Ballscrew and Nut	63	6,6	48	51	10	54	25	40	M4	1944	3877
(DKM-3205 FSU) Ballscrew and Nut	81	9	62	65	12	52	32	50	M4	1400	4080
(DKM-3210 FSU) Ballscrew and Nut	81	9	62	65	14	90	32	50	M4	3390	7170
(DKM-4010 FSU) Ballscrew and Nut	93	9	70	78	14	90	40	63	M4	3850	9470

FLANGED NUT		RIGHT-HAND THREAD BALLSCREW	
ΚΩΔΙΚΟΣ	TIMH	ΚΩΔΙΚΟΣ	TIMH/m
FSU 1605		DKM 1605	
FSU 2005		DKM 2005	
FSU 2505		DKM 2505	
FSU 2510		DKM 2510	
FSU 3205		DKM 3205	
FSU 3210		DKM 3210	
FSU 4010		DKM 4010	

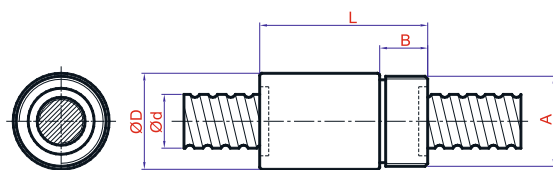
* The length of L Max is 4000 mm & 6000 mm

SCI ROUND NUT WITH WEDGE



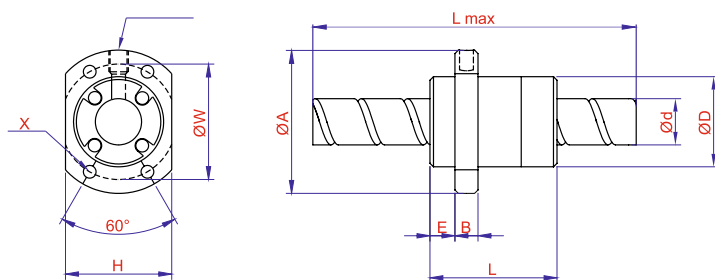
ΚΩΔΙΚΟΣ	Type	d	D	L	B	F	C	E	Ca (Kgf)	Coa (Kgf)	TIMH
SCI 16	16-05 Round Nut With Key	16	28	45,3	5,5	2	13	20	780	1.790	
SCI 20	20-05 Round Nut With Key	20	36	45,2	5,5	2	12,5	20	1.130	2.480	
SCI 25	25-05 Round Nut With Key	25	38	45,2	8	2	12,5	20	1.280	3.110	

SCM ROUND THREADED NUT



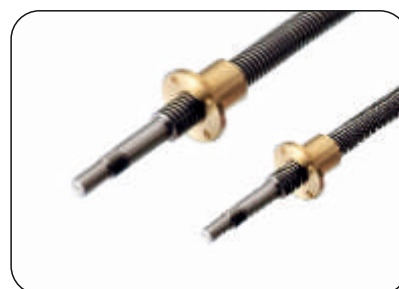
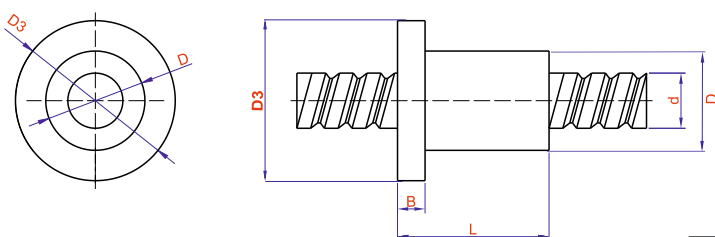
ΚΩΔΙΚΟΣ	Type	d	D	L	B	A	Ca (Kgf)	Coa (Kgf)	TIMH
SCM 16	16-05 Round Nut (Threaded)	16	32	56	16	M30x1,5P	765	1.240	
SCM 20	20-05 Round Nut (Threaded)	20	38	60	16,5	M35x1,5P	860	1.710	
SCM 25	25-05 Round Nut (Threaded)	25	42	60	17	M40x1,5P	980	2.300	

DKM



PRODUCT NAME	Type	Dimensions										Load Capacity	
		d	D	A	E	B	L	X	W	H	Ca	Coa	
Long Pitch Ballscrew and Nut	1616-3 SFE	16	32	53	10.5	10	45	4.5	42	34	650	1280	
Long Pitch Ballscrew and Nut	2020-3 SFE	20	39	62	12	10	55	5.5	50	41	980	2140	
Long Pitch Ballscrew and Nut	2525-3 SFE	25	47	74	13	12	57	6.6	60	49	1470	3350	
Long Pitch Ballscrew and Nut	3232-3 SFE	32	58	92	16	12	82	9	74	60	2140	5260	
Long Pitch Ballscrew and Nut	4040-3 SFE	40	73	114	19	15	100	11	93	75	3410	8820	

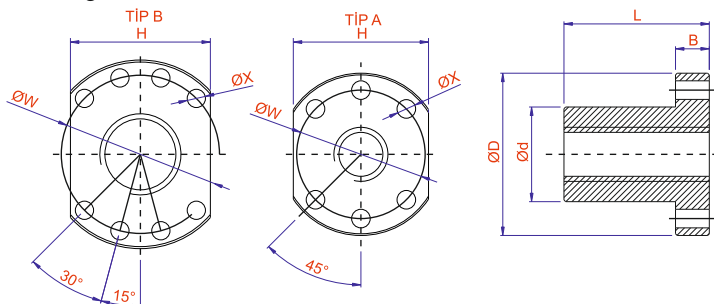
* The length of L Max is 6000 mm.



PRODUCT NAME	Type	D3	B	L	d	D
TRAPEZOIDAL Ballscrew	TR16-04	48	10	43	16	28
TRAPEZOIDAL Ballscrew	TR20-04	58	10	43	20	36
TRAPEZOIDAL Ballscrew	TR25-04	63	10	43	25	40
TRAPEZOIDAL Ballscrew	TR30-06	68	12	50	30	40
TRAPEZOIDAL Ballscrew	TR40-06	90	14	70	40	60

* The length of L Max is 3000 mm

TRAPEZOIDAL NUT		TRAPEZOIDAL BALLSCREW	
ΚΩΔΙΚΟΣ	TIMH/m	ΚΩΔΙΚΟΣ	TIMH/m
TRN 16		TR 16-04	
TRN 20		TR 20-04	
TRN 25		TR 25-05	
TRN 30		TR 30-06	
TRN 40		TR 40-06	



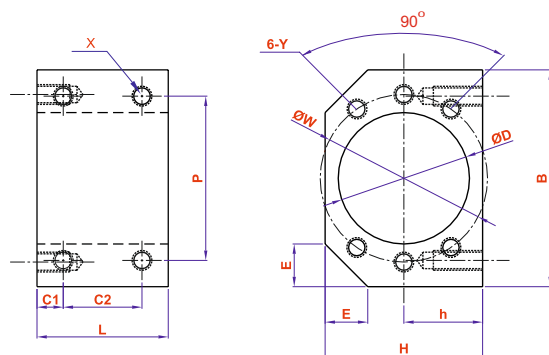
PRODUCT NAME	Type	Ød	ØD	L	B	X	W	H	TiP
Trapezoidal Flanged Nut Perforated	16-04 FSU	28	48	43	10	5,5	38	40	A
Trapezoidal Flanged Nut Perforated	20-04 FSU	36	58	43	10	6,5	47	44	A
Trapezoidal Flanged Nut Perforated	25-05 FSU	40	63	43	10	6,5	51	48	A
Trapezoidal Flanged Nut Perforated	30-06 FSU	40	68	50	12	6,5	52	53,5	A
Trapezoidal Flanged Nut Perforated	40-06 FSU	63	93	70	14	9	78	69	B

* The length of L Max is 3000 mm

TRAPEZOIDAL BALLSCREW	
ΚΩΔΙΚΟΣ	TIMH
FSU 16-04	
FSU 20-04	
FSU 25-05	
FSU 30-06	
FSU 40-06	

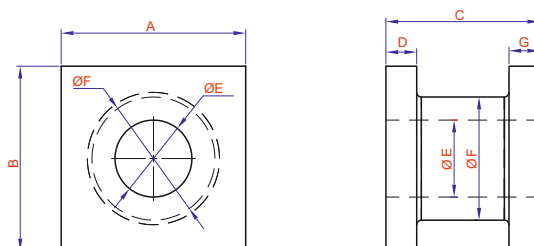
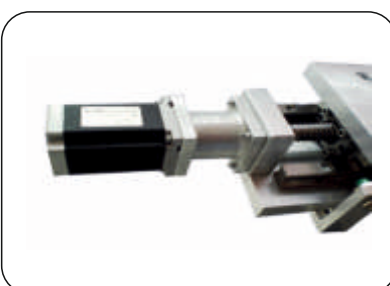
Mechanical Parts

FLANGED NUT HOUSING



ΚΩΔΙΚΟΣ	NUT	Dimensions (mm)												TIMH
		ØD	B	H	h	E	L	C1	C2	P	X	W	Y	
H 160	1605-1610	28	52	40	20	12	40	8	24	40	M5	38	M5	
H 200	2005-2010	36	62	44	22	12	40	8	24	48	M6	47	M6	
H 250	2505-2510	40	66	48	24	13	40	8	24	50	M6	51	M6	
H 320	3205-3210	50	86	62	31	17	40	8	24	66	M8	65	M8	
H 400	4005-4010	63	100	70	35	19	38	8	24	80	M8	78	M8	
H 161	1616	32	54	38	19	8	40	8	24	44	M5	42	M4	
H 202	2020	39	64	46	23	11	40	8	24	52	M6	50	M5	
H 252	2525	47	68	56	28	9	40	8	24	50	M6	60	M6	

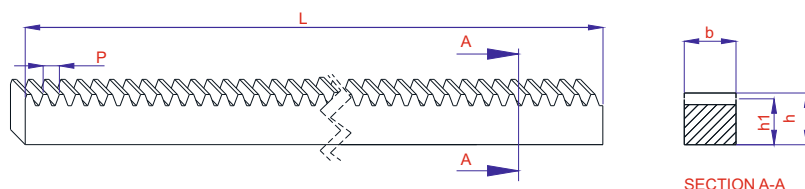
MOTOR CONNECTION FLANGES (With Hole & Without Hole)



Dimensions								TIMH
ΚΩΔΙΚΟΣ	A	B	C	D	G	E	F	
MC 45	45	45	67	10	10	35	45	
MC 60	60	60	73	12	12	35	55	
MC 80	80	80	88	10	10	47	55	
MC 85	85	85	90	15	15	47	60	
MC 95	95	95	104	24	17	47	72	
MC 120	120	120	100	20	20	50	80	

* The price of flange mounting does not include price of couplings.

Spur RACK AND PINION

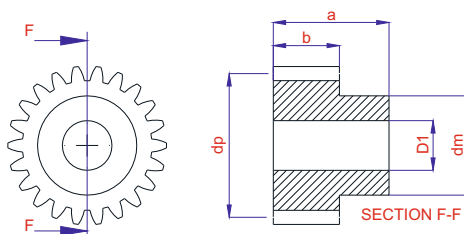


Dimensions of Rack and Pinion Gears						
ΚΩΔΙΚΟΣ	Type	L	p	b	h	h ₁
R 100	1	2000	3,14	15	15	14
R 150	1,5	2000	4,71	17	17	15,5
R 200	2	2000	6,28	20	20	18
R 250	2,5	2000	7,85	25	25	22,5
R 300	3	2000	9,42	30	30	27
R 400	4	2000	12,56	40	40	36

TIMH/m KOMMATI (1000 mm)	TIMH/m ΒΕΡΓΑΣ

Mechanical Parts

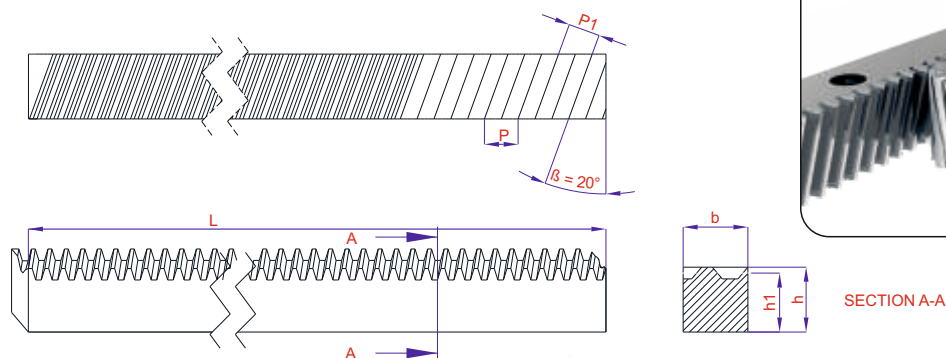
PINION GEARS



Dimensions of Pinion Gears							
ΚΩΔΙΚΟΣ	Type	Number of gears (t)	a	b	dp	dm	D1
P 2225	1	22	25	15	22	16	8
P 2525	1	25	25	15	25	20	8
P 2230	1,5	22	30	17	33	25	10
P 2530	1,5	25	30	17	37,5	25	10
P 2235	2	22	35	20	44	30	12
P 2435	2	24	35	20	48	40	12
P 2535	2	25	35	20	50	35	12

TIMH

HELICAL RACK (RIGHT)

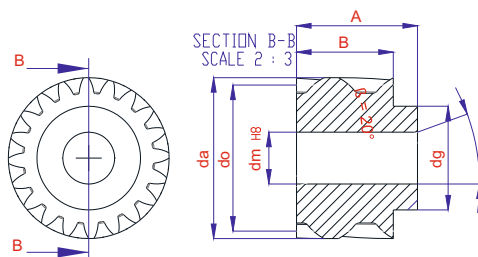


Dimensions of Helical Rack and Pinion (RIGHT)							
ΚΩΔΙΚΟΣ	Type	L	p	p1	b	h	h ₁
H 100	1	2000	3.343	3.142	15	15	14
H 150	1,5	2000	5.015	4.712	17	17	15,5
H 200	2	2000	6.686	6.283	20	20	18
H 250	2,5	2000	8.358	7.854	25	25	22,5
H 300	3	2000	10.029	9.425	30	30	27
H 400	4	2000	13.372	12.566	40	40	36

ΤΙΜΗ/μ ΚΟΜΜΑΤΙ (1000 mm)	ΤΙΜΗ/μ ΒΕΡΓΑΣ

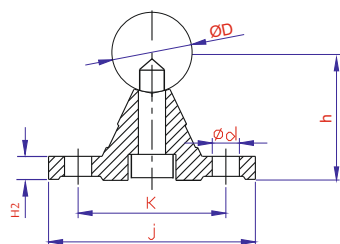
Mechanical Parts

HELICAL PINION GEARS (RIGHT)



Dimensions of Helical Pinion Gears (RIGHT)									ΤΙΜΗ
ΚΩΔΙΚΟΣ	Type	Number of gears (t)	A	B	da	do	dm	dg	
HP 2225	1	22	25	15	25.4	23.41	8	20	
HP 2425	1	24	25	15	27.5	25.5	8	22	
HP 2525	1	25	25	15	28.6	26.60	8	23	
HP 2230	1,5	22	30	17	38.1	35.12	10	29	
HP 2430	1.5	24	30	17	41.3	38.31	10	33	
HP 2530	1,5	25	30	17	42.9	39.91	10	34	
HP 2235	2	22	35	20	50.8	46.82	12	39	
HP 2435	2	24	35	20	55.1	51.08	12	43	
HP 2535	2	25	35	20	57.2	53.21	12	46	
HP 2240	2.5	22	40	25	63.5	58.53	14	49	
HP 2440	2.5	24	40	25	68.9	63.85	14	55	
HP 2540	2,5	25	40	25	71.5	66.51	14	57	
HP 2250	3	22	50	30	76.2	70.24	12	60	
HP 2450	3	24	50	30	82.6	76.62	12	66	
HP 2550	3	25	50	30	85.8	79.81	12	69	
HP 2260	4	22	60	40	101.6	93.65	14	80	
HP 2460	4	24	60	40	110.2	102.16	16	89	
HP 2560	4	25	60	40	114.4	106.42	16	93	

LINEAR SHAFT + SHAFT SUPPORT PROFILE (SET)

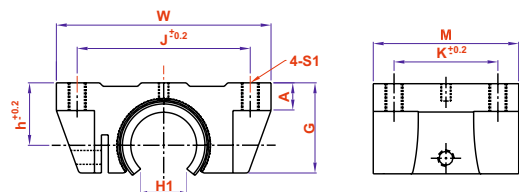


Dimensions (mm)								
ΚΩΔΙΚΟΣ	Type	H2	ØD	Ød	h	J	K	Lmax
170-12	SAC 12-1000	5	Ø12	Ø5	-	40	29	6000
170-16	SAC 16-1000	5	Ø16	Ø5.5	26	45	33	6000
170-20	SAC 20-1000	5,8	Ø20	Ø6.6	32	52	37	6000
170-25	SAC 25-1000	6	Ø25	Ø6.6	36	57	42	6000
170-30	SAC 30-1000	7	Ø30	Ø9	42	69	51	6000
170-40	SAC 40-1000	8	Ø40	Ø9	50	73	55	6000

TIMH/m KOMMATI	TIMH/m 6 m ΒΕΡΓΑΣ

Mechanical Parts

(OPEN) CAGED BEARINGS

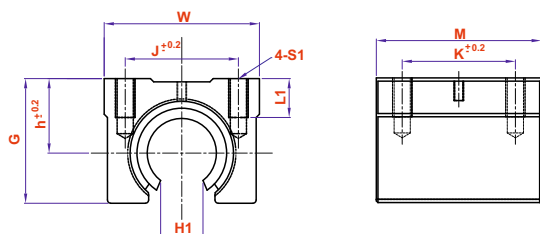


TBR

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)									Load Capacity		Weight (g)
		W	G	A	M	S1	J	K	h	H1	Dynamic	Static	
TBR 16UU	TBR 16	62	26	8	42	M5	50	30	18	11	392	490	0.18
TBR 20UU	TBR 20	68	31	10	51	M6	54	34	21	12.5	784	1176	0.30
TBR 25UU	TBR 25	82	41	10	65	M8	65	50	28	13	1568	2352	0.60
TBR 30UU	TBR 30	91	48	12	75	M8	75	60	33.5	15.5	1764	2940	0.90

TIMH

(OPEN) CAGED BEARINGS

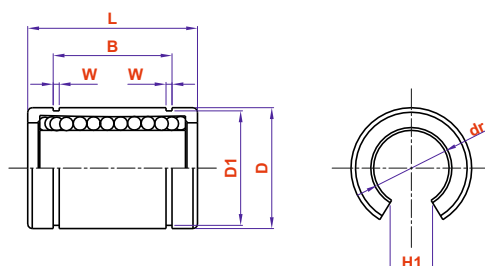


SBR

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)									Load Capacity		Weight (g)
		W	G	L1	M	S1	J	K	h	H1	Dynamic	Static	
SBR 12UU	SBR 12	40	27,6	10	39	M5	28	26	17	7.5	510	784	100
SBR 16UU	SBR 16	45	33	10	45	M5	32	30	20	11	774	1180	150
SBR 20UU	SBR 20	48	39	12	50	M6	35	35	23	12.5	882	1370	200
SBR 25UU	SBR 25	60	47	13	65	M6	40	40	27	13	980	1570	450
SBR 30UU	SBR 30	70	56	16	70	M8	50	50	33	15.5	1570	2740	630
SBR 40UU	SBR 40	90	72	20	90	M10	65	65	42	21	2160	4020	1330

TIMH

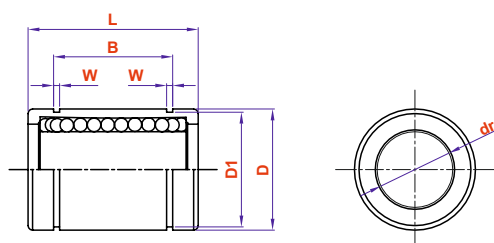
LME UUOP SERIE (OPEN)



ΚΩΔΙΚΟΣ	Type	Dimensions (mm)							Load Capacity	
		d	D	L	B	W	D1	H1	Dynamic	Static
LME 12 UUOP	LME 12 UUOP	12	22	32	22.9	1.3	21	7.5	510	784
LME 16 UUOP	LME 16 UUOP	16	26	36	24.9	1.3	24.9	11	578	892
LME 20 UUOP	LME 20 UUOP	20	32	45	31.5	1.6	30.3	12.5	862	1370
LME 25 UUOP	LME 25 UUOP	25	40	58	44.1	1.85	37.5	13	980	1570
LME 30 UUOP	LME 30 UUOP	30	47	68	52.1	1.85	44.5	15.5	1570	2740
LME 40 UUOP	LME 40 UUOP	40	62	80	60.6	2.15	59	21	2160	4020

TIMH

LME UU SERIES (CLOSED)



ΚΩΔΙΚΟΣ	Type	Dimensions (mm)							Load Capacity	
		d	D	L	B	W	D1		Dynamic	Static
LME 8 UU	LME 8 UU	8	16	25	16.5	1.1	15.2		372	549
LME 12 UU	LME 12 UU	12	22	32	22.9	1.3	21		510	784
LME 16 UU	LME 16 UU	16	26	36	24.9	1.3	24.9		578	892
LME 20 UU	LME 20 UU	20	32	45	31.5	1.3	30.3		862	1370
LME 25 UU	LME 25 UU	25	40	58	44.1	1.85	37.5		980	1570
LME 30 UU	LME 30 UU	30	47	68	52.1	1.85	44.5		1570	2740
LME 40 UU	LME 40 UU	40	62	80	60.6	2.15	59		2160	4020

TIMH

PRECISION CHROMED HARDENED INDUCTION SHAFTS

ΚΩΔΙΚΟΣ	PRODUCT NAME	TIMH/m KOMMATI	TIMH/m 6m ΒΕΡΓΑΣ
W4-WWL	Ø 4 HARDENED INDUCTION SHAFT (CHROMED)		
W6-WWL	Ø 6 HARDENED INDUCTION SHAFT (CHROMED)		
W8-WWL	Ø 8 HARDENED INDUCTION SHAFT (CHROMED)		
W10-WWL	Ø 10 HARDENED INDUCTION SHAFT (CHROMED)		
W12-WWL	Ø 12 HARDENED INDUCTION SHAFT (CHROMED)		
W16-WWL	Ø 16 HARDENED INDUCTION SHAFT (CHROMED)		
W20-WWL	Ø 20 HARDENED INDUCTION SHAFT (CHROMED)		
W25-WWL	Ø 25 HARDENED INDUCTION SHAFT (CHROMED)		
W30-WWL	Ø 30 HARDENED INDUCTION SHAFT (CHROMED)		
W40-WWL	Ø 40 HARDENED INDUCTION SHAFT (CHROMED)		



WWL



Chromed hardened induction shafts ARE produced against corrosion to resist.
Cf53 Induction hardened HRC 62 (+/-2) Surface Hardness 0.4 - 2.2 mm ISO h7

PRECISION CHROMED HARDENED INDUCTION SHAFT (WITH HOLES)

ΚΩΔΙΚΟΣ	PRODUCT NAME	TIMH/m KOMMATI	TIMH/m 6m ΒΕΡΓΑΣ
W12-WWL-DEL	Ø 12 HARDENED INDUCTION SHAFTS WITH HOLES (CHROMED)		
W16-WWL-DEL	Ø 16 HARDENED INDUCTION SHAFTS WITH HOLES (CHROMED)		
W20-WWL-DEL	Ø 20 HARDENED INDUCTION SHAFTS WITH HOLES (CHROMED)		
W25-WWL-DEL	Ø 25 HARDENED INDUCTION SHAFTS WITH HOLES (CHROMED)		
W30-WWL-DEL	Ø 30 HARDENED INDUCTION SHAFTS WITH HOLES (CHROMED)		
W40-WWL-DEL	Ø 40 HARDENED INDUCTION SHAFTS WITH HOLES (CHROMED)		

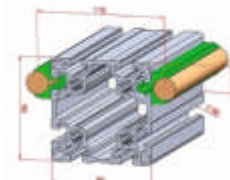
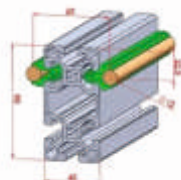
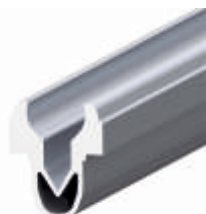
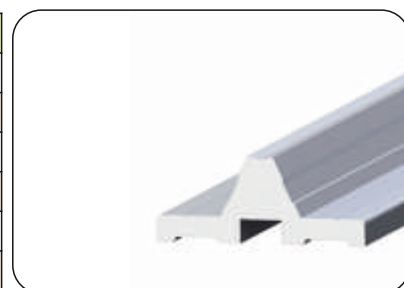
WWL-DEL



CF 53 DIA Induction hardened chromed HRC 62 (+/- 2) Surface Hardness 0,4-2,2 mm ISO h7

SHAFT SUPPORT PROFILE (WITH OUT HOLES)

ΚΩΔΙΚΟΣ	PRODUCT NAME	TIMH/m KOMMATI	TIMH/m 6m ΒΕΡΓΑΣ
MDP 12	Ø 12 SHAFT SUPPORT PROFILE WITH HOLES		
MDP 16	Ø 16 SHAFT SUPPORT PROFILE WITH HOLES		
MDP 20	Ø 20 SHAFT SUPPORT PROFILE WITH HOLES		
MDP 25	Ø 25 SHAFT SUPPORT PROFILE WITH HOLES		
MDP 30	Ø 30 SHAFT SUPPORT PROFILE WITH HOLES		
MDP 40	Ø 40 SHAFT SUPPORT PROFILE WITH HOLES		

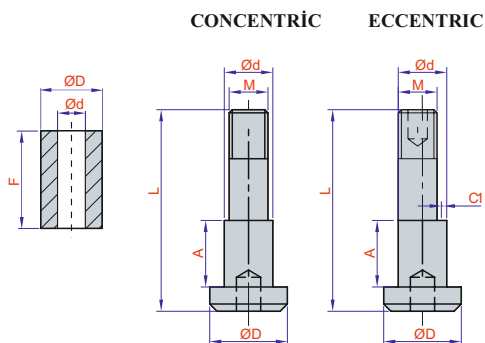


ΚΩΔΙΚΟΣ	PRODUCT NAME
M 008	Ø 12 CLUMPING PROFILE

TIMH/m KOMMATI	TIMH/m 6m ΒΕΡΓΑΣ
7,60 €	6,84 €

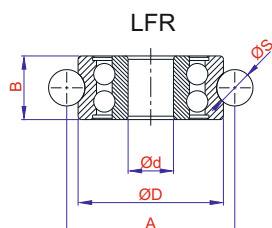
ΚΩΔΙΚΟΣ	PRODUCT NAME
M 009	Ø 20 CLUMPING PROFILE

TIMH/m KOMMATI	TIMH/m 6m ΒΕΡΓΑΣ
10,60 €	9,54 €



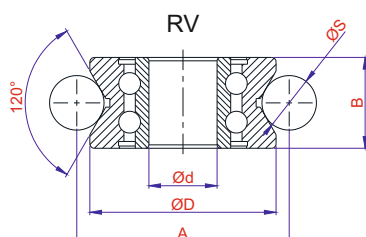
STUDS FOR BEARINGS

DIMENSIONS OF STUDS FOR BEARINGS										TIMH
CODE OF BEARING	STUDS TYPES	ΚΩΔΙΚΟΣ	M	Ød	A	L	C1	ØD	F	
LFR 50/5-4 KDD	CONCENTRIC	LFR 50/CON 0,5	M4	Ø5	7	20,5	0,5	8	0,5	
	ECCENTRIC	LFR 50/ECC 0,5								
LFR 50/8-6 KDD	CONCENTRIC	LFR 50/CON 2	M6	Ø8	10	30	1	14	2	
	ECCENTRIC	LFR 50/ECC 2								
	CONCENTRIC	LFR 50/CON 4	M6	Ø8	14	32	1	12	4	
	ECCENTRIC	LFR 50/ECC 4								
RV 200/8 KDD	CONCENTRIC	RV 200/CON 4,5	M8	Ø10	14	41,5	1	16	4,5	
	ECCENTRIC	RV 200/ECC 4,5								
LFR 5201-10 KDD	CONCENTRIC	LFR 5201/CON 8,5	M10	Ø12	24	49,4	1	18,5	8,5	
	ECCENTRIC	LFR 5201/ECC 8,5								
RV 201/12.35-16 KDD	CONCENTRIC	RV 201/CON 10,1	M10	Ø12	25,5	51	1	18,5	10,1	
	ECCENTRIC	RV 201/ECC 10,1								
	CONCENTRIC	RV 201/CON 22,6	M10	Ø12	38	63	1	17,5	22,6	
	ECCENTRIC	RV 201/ECC 22,6								
	CONCENTRIC	RV 201/CON 25	M10	Ø12	40,5	66	1	17,5	25	
	ECCENTRIC	RV 201/ECC 25								
RV 202 / 15.40.20 KDD	CONCENTRIC	RV 202/CON 14	M12	Ø15	33,5	60	1,5	19,5	14	
	ECCENTRIC	RV 202/ECC 14								
	CONCENTRIC	RV 202/CON 18	M12	Ø15	37,5	64	1,5	19,5	18	
	ECCENTRIC	RV 202/ECC 18								
	CONCENTRIC	RV 202/CON 22,5	M12	Ø15	42	68	1,5	19,5	22,5	
	ECCENTRIC	RV 202/ECC 22,5								
	CONCENTRIC	RV 202/CON 28	M12	Ø15	47,5	74	1,5	19,5	28	
	ECCENTRIC	RV 202/ECC 28								
	CONCENTRIC	RV 202/CON 8	M12	Ø15	27,5	54	1,5	19,5	8	
	ECCENTRIC	RV 202/ECC 8								
RV 203 / 17 KDD	CONCENTRIC	RV 203/CON 22	M14	Ø17	46	78	1,5	26	22	
	ECCENTRIC	RV 203/ECC 22								



BEARINGS (LFR)

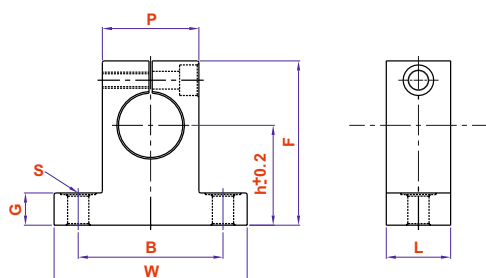
ΚΩΔΙΚΟΣ	LFR Type	PRODUCT NAME	S	A	B	D	d	TIMH
LFR 4	LFR 50/5-4 KDD	Bearings with Plastic Cap	4	18	8	16	5	
LFR 6	LFR 50/8-6 KDD	Bearings with Steel Cap	6	28	11	24	8	
LFR 10	LFR 5201-10 KDD	Bearings with Steel Cap	10	41	15,8	35	12	



BEARINGS (RV)

ΚΩΔΙΚΟΣ	RV Type	PRODUCT NAME	S	A	B	D	d	TIMH
RV 8	RV 200/8 KDD	Bearings with Steel Cap	8	37	14	32	10	
RV 12	RV 201/12 KDD	Bearings with Steel Cap	12	43,4	15,8	35	12	
RV 2015	RV 202/15 KDD	Bearings with Steel Cap	20	55,8	20	41	15	
RV 2017	RV 203/17 KDD	Bearings with Steel Cap	20	70	25	58	17	

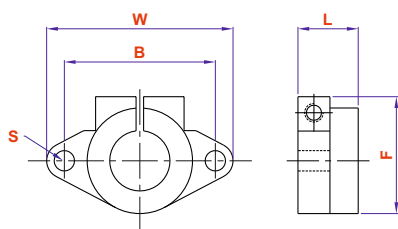
SK SHAFT END CONNECTION PART



ΚΩΔΙΚΟΣ	Type	Dimensions (mm)								Key Position Bolt	Connection Bolt	Weight (g)
		h	W	L	F	G	P	B	S			
SK 12	SK 12	23	42	14	37.5	6	20	32	5.5	M4	M5	30
SK 16	SK 16	27	48	16	44	8	25	38	5.5	M4	M5	40
SK 20	SK 20	31	60	20	50	10	30	45	6.6	M5	M6	70
SK 25	SK 25	35	70	24	60	12	38	56	6.6	M6	M6	130
SK 30	SK 30	42	84	28	70	12	44	64	9	M6	M8	180
SK 40	SK 40	60	114	36	96	15	60	90	11	M8	M10	420

TIMH

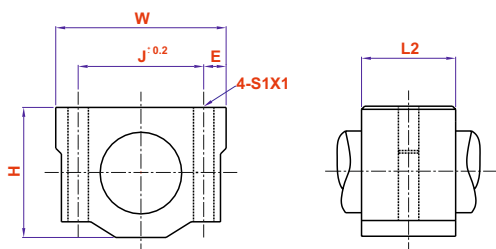
SHF SHAFT END CONNECTION PART



ΚΩΔΙΚΟΣ	Type	Dimensions (mm)					Tightening Hole	Connection Hole	Weight (g)
		W	L	F	B	S			
SHF 12	SHF 12	47	13	28	36	5.5	M4	M5	20
SHF 16	SHF 16	50	16	31	40	5.5	M4	M5	27
SHF 20	SHF 20	60	20	37	48	7	M5	M6	40
SHF 25	SHF 25	70	25	42	56	7	M5	M6	60
SHF 30	SHF 30	80	30	50	64	9	M6	M8	110
SHF 40	SHF 40	102	40	67	80	12,5	M10	M12	260

TIMH

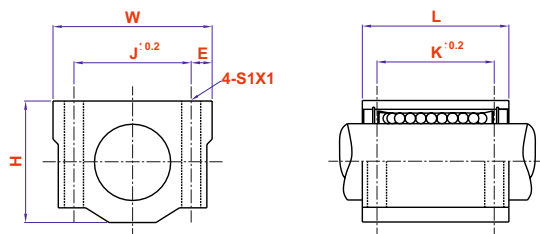
CAGED BEARINGS (CLOSED)



SCE-VUU

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Basic Load Evaluation		Weight (g)	SCE--VUU L2	TIMH
		W	H	A	J	E	S1X1	Dynamic	Static			
SCE 16 VUU	SCE 16 VUU	50	38.5	9	36	7	M5x12	770	1170	180	23.6	
SCE 20 VUU	SCE 20 VUU	54	41	11	40	7	M6x12	860	1370	245	28.3	
SCE 25 VUU	SCE 25 VUU	76	51.5	12	54	11	M8x18	980	1560	550	38	
SCE 30 VUU	SCE 30 VUU	78	60	15	58	10	M8x18	1560	2740	760	41	
SCE 40 VUU	SCE 40 VUU	102	78	20	80	11	M10x25	2150	4010	1.700	56.4	

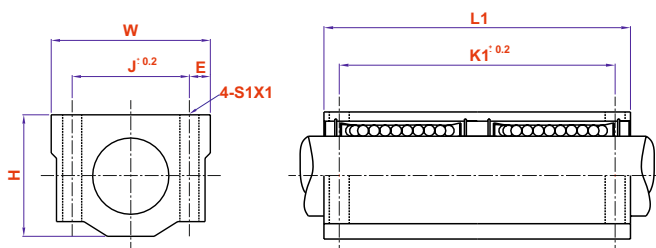
CAGED BEARINGS (CLOSED)



SCE-UU

ΚΩΔΙΚΟΣ	MODEL	Dimensions (mm)					Load Capacity		Weight (g)	SCE---UU		ΤΙΜΗ
		W	H	J	E	S1X1	Dynamic	Static		K	L	
SCE 08 UU	SCE 08 UU	34	22	24	5	M4x8	274	392	52	18	30	
SCE 16 UU	SCE 16 UU	50	38.5	36	7	M5x12	774	1180	200	34	44	
SCE 20 UU	SCE 20 UU	54	41	40	7	M6x12	882	1370	255	40	50	
SCE 25 UU	SCE 25 UU	76	51.5	54	11	M8x18	980	1570	600	50	67	
SCE 30 UU	SCE 30 UU	78	60	58	10	M8x18	1570	2740	735	58	72	
SCE 40 UU	SCE 40 UU	102	78	80	11	M10x25	2160	4020	1.590	60	90	

CAGED BEARINGS (CLOSED)



SCE-LUU

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)					Load Capacity		Weight (g)	SCE---LUU		ΤΙΜΗ
		W	H	J	E	S1X1	Dynamic	Static		K1	L1	
SCE 16 LUU	SCE 16 LUU	50	38.5	36	7	M5x12	774	1.180	376	60	85	
SCE 20 LUU	SCE 20 LUU	54	41	40	7	M6x12	882	1.370	476	70	96	
SCE 25 LUU	SCE 25 LUU	76	51.5	54	11	M8x18	980	1.570	1.115	100	130	
SCE 30 LUU	SCE 30 LUU	78	60	58	10	M8x18	1.570	2.740	1.375	110	140	
SCE 40 LUU	SCE 40 LUU	102	78	80	11	M10x25	2.160	4.020	3.200	140	175	

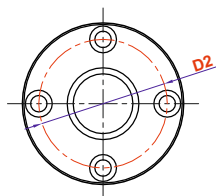
SQUARE LONG



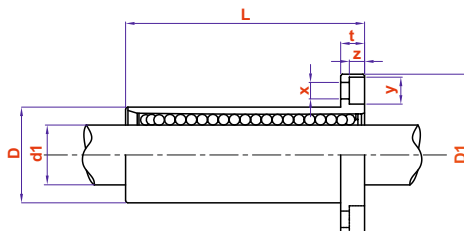
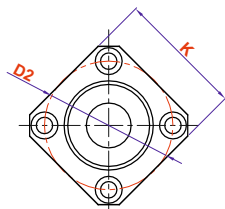
ROUND LONG



LMEF - LUU



LMEK - LUU



ΚΩΔΙΚΟΣ	Type	Dimensions (mm)										Load Capacity		TIMH
		d1	D	L	D1	K	t	D2	x	y	z	Dynamic	Static	
LMEF 16 LUU	LMEF 16 LUU	16	26	68	46	-	6	36	4.5	7.5	4.1	912	1.780	
LMEF 20 LUU	LMEF 20 LUU	20	32	80	54	-	8	43	5.5	9	5.1	1.370	2.740	
LMEF 25 LUU	LMEF 25 LUU	25	40	112	62	-	8	51	5.5	9	5.1	1.570	3.140	
LMEF 30 LUU	LMEF 30 LUU	30	47	123	76	-	10	62	6.6	11	6.1	2.500	5.490	
LMEF 40 LUU	LMEF 40 LUU	40	62	151	98	-	13	80	9	14	8.1	3.430	8.040	
LMEK 16 LUU	LMEK 16 LUU	16	26	68	46	35	6	36	4.5	7.5	4.1	912	1.780	
LMEK 20 LUU	LMEK 20 LUU	20	32	80	54	42	8	43	5.5	9	5.1	1.370	2.740	
LMEK 25 LUU	LMEK 25 LUU	25	40	112	62	50	8	51	5.5	9	5.1	1.570	3.140	
LMEK 30 LUU	LMEK 30 LUU	30	47	123	76	60	10	62	6.6	11	6.1	2.500	5.490	
LMEK 40 LUU	LMEK 40 LUU	40	62	151	98	75	13	80	9	14	8.1	3.430	8.040	

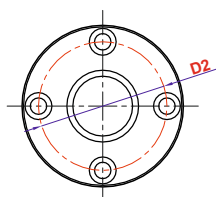
SQUARE SHORT



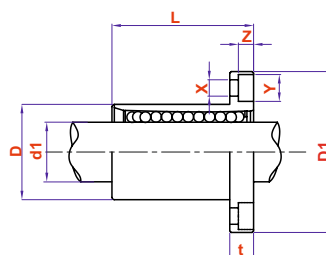
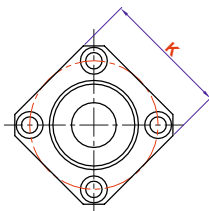
ROUND SHORT



LMEF - UU

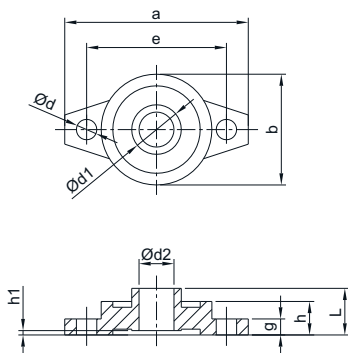


LMEK - UU



ΚΩΔΙΚΟΣ	Type	Dimensions (mm)										Load Capacity		TIMH
		d1	D	L	D1	K	t	D2	x	y	z	Dynamic	Static	
LMEF 12 UU	LMEF 12 UU	12	22	32	42	-	6	32	4.5	8	4	500	700	
LMEF 16 UU	LMEF 16 UU	16	26	36	46	-	6	36	4.5	8	4	570	890	
LMEF 20 UU	LMEF 20 UU	20	32	45	54	-	8	43	5.5	9.5	5.5	860	1370	
LMEF 25 UU	LMEF 25 UU	25	40	58	62	-	8	51	5.5	9.5	5.5	980	1560	
LMEF 30 UU	LMEF 30 UU	30	47	68	76	-	10	62	6.6	11	6.5	1560	2740	
LMEF 40 UU	LMEF 40 UU	40	62	80	98	-	13	80	9	14	8.5	2150	4010	
LMEK 16 UU	LMEK 16 UU	16	26	36	46	35	6	36	4.5	8	4	570	890	
LMEK 20 UU	LMEK 20 UU	20	32	45	54	42	8	43	5.5	9.5	5.5	860	1370	
LMEK 25 UU	LMEK 25 UU	25	40	58	62	50	8	51	5.5	9.5	4.5	980	1560	
LMEK 30 UU	LMEK 30 UU	30	47	68	76	60	10	62	6.6	11	6.5	1560	2740	
LMEK 40 UU	LMEK 40 UU	40	62	80	98	75	13	80	9	14	8.5	2150	4010	

PILLOW BEARING (CASTING)

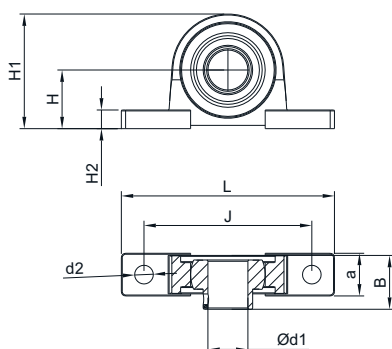


UFL

UFL Bearing (Casting)

ΚΩΔΙΚΟΣ	Type	PRODUCT NAME	a	e	b	d	d1	d2	g	L	h	h1	kg	TIMH
UFL 000	UFL 000	Ø10 BEARING	60	45	36	7	14	10	5,5	15,5	11,5	0,5	0,1	
UFL 001	UFL 001	Ø12 BEARING	63	48	38	7	17	12	5,5	16	11,5	1,5	0,1	
UFL 002	UFL 002	Ø 15 BEARING	67	53	42	7	20	15	6,5	17,5	13,5	1	0,1	
UFL 003	UFL 003	Ø 17 BEARING	71	56	46	7	23	17	7	18,5	14	1	0,2	
UFL 004	UFL 004	Ø 20 BEARING	90	71	56	10	27	20	8	22	16	1	0,2	
UFL 005	UFL 005	Ø 25 BEARING	95	75	60	10	32	25	8	23,5	16	1	0,2	
UFL 006	UFL 006	Ø 30 BEARING	112	85	70	13	39	30	9	25,5	18	1	0,3	
UFL 007	UFL 007	Ø 35 BEARING	122	95	80	14	43	35	10	29,5	20	1	0,42	

PILLOW BEARING (CASTING)

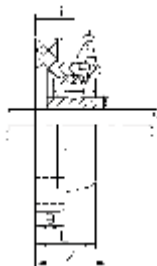


UP

UP Bearing (Casting)

ΚΩΔΙΚΟΣ	Type	PRODUCT NAME	d1	d2	H	H1	H2	L	J	a	B	TIMH
UP 00	UP 00	Ø10 BEARING	10	6,8	18	35,2	6	67	53	16	15	
UP 01	UP 01	Ø12 BEARING	12	6,8	19	38	6,2	71	50	16	16	
UP 02	UP 02	Ø 15 BEARING	15	6,8	22	43	6,9	80	63	16	16,5	
UP 03	UP 03	Ø 17 BEARING	17	6,8	24	46,9	7	85	67	18	17,5	
UP 04	UP 04	Ø 20 BEARING	20	10	28	54,5	9,3	100	80	20	21	
UP 05	UP 05	Ø 25 BEARING	25	10	32	62	10	112	90	20	22,5	
UP 06	UP 06	Ø 30 BEARING	30	13	36	70	11	132	105,5	26	24,5	

PILLOW BEARING (CASTING)

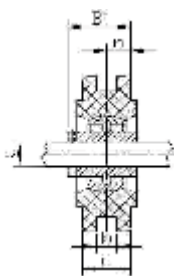
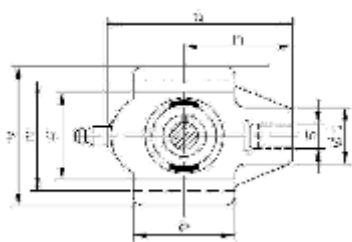


UCF

UCF Bearing (Casting)

ΚΩΔΙΚΟΣ	Type	PRODUCT NAME	Z	A	E	L	G	i	S	De	TIMH
UCF 201	UCF 201	Ø 12 BEARING	33,3	86	64	25,5	11	15	12	M10	
UCF 202	UCF 202	Ø 15 BEARING	33,3	86	64	25,5	11	15	12	M10	
UCF 203	UCF 203	Ø 17 BEARING	33,3	86	64	25,5	11	15	12	M10	
UCF 204	UCF 204	Ø 20 BEARING	33,3	86	64	25,5	11	15	12	M10	
UCF 205	UCF 205	Ø 25 BEARING	35,7	95	70	27	13	16	12	M10	
UCF 206	UCF 206	Ø 30 BEARING	40,2	108	83	31	13	18	12	M10	
UCF 207	UCF 207	Ø 35 BEARING	44,4	117	92	34	15	19	14	M12	
UCF 208	UCF 208	Ø 55 BEARING	51,2	130	102	36	15	21	16	M14	

PILLOW STAINLESS BEARING (PLASTIC)



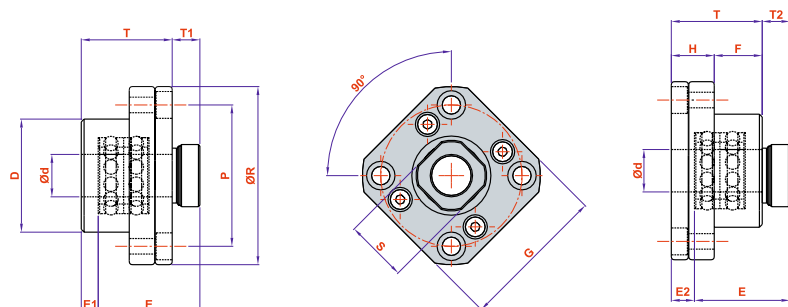
SUCT

SUCT Stainless Bearing (Plastic)

ΚΩΔΙΚΟΣ	Type	PRODUCT NAME	Bi	a	c	b	v	m	h	t	e	n	s	d	TIMH
SUCT 201	SUCT 201	Ø 12 STAINLESS BEARING	31	99	27,5	12	88	76	64	36	47	12,7	M16	20	
SUCT 202	SUCT 202	Ø 15 STAINLESS BEARING	31	99	27,5	12	88	76	64	36	47	12,7	M16	20	
SUCT 203	SUCT 203	Ø 17 STAINLESS BEARING	31	99	27,5	12	88	76	64	36	47	12,7	M16	20	
SUCT 204	SUCT 204	Ø 20 STAINLESS BEARING	31	99	27,5	12	88	76	64	36	47	12,7	M16	20	
SUCT 205	SUCT 205	Ø 25 STAINLESS BEARING	34	99	27,5	12	88	76	64	36	47	14,3	M16	25	
SUCT 206	SUCT 206	Ø 30 STAINLESS BEARING	38,1	125	34,5	12	102	89	74	40	63	15,9	M16	30	
SUCT 207	SUCT 207	Ø 35 STAINLESS BEARING	42,9	125	34,5	12	102	89	74	40	63	17,5	M16	35	
SUCT 208	SUCT 208	Ø 40 STAINLESS BEARING	49,2	140	34,5	16	114	102	85	40	80	19	M16	40	

BALLSCREW END SUPPORT UNIT

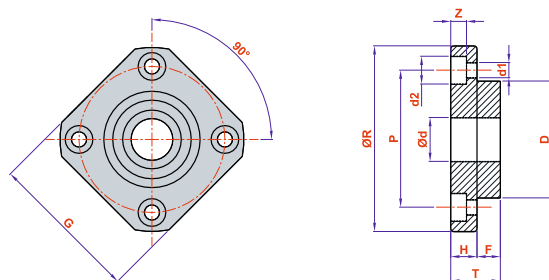
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ΚΩΔΙΚΟΣ	Type	Dimensions (mm)												Set A		Set B		TIMH
		Ød	R	G	T	H	F	D	E	P	d1	d2	S	T1	E1	T2	E2	
FK 10	FK 10	10	52	42	27	10	17	34	17	42	4.5	8	15.8	7.3	5	8.5	6	
FK 12	FK 12	12	54	44	27	10	17	36	17	44	4.5	8	19	7.3	5	8.5	6	
FK 15	FK 15	15	63	52	32	15	17	40	17	50	5.5	9.5	22	10	6	12	8	
FK 20	FK 20	20	85	68	52	22	30	57	30	70	6.6	11	30	10	10	12	14	
FK 25	FK 25	25	98	79	57	27	30	63	30	80	9	15	35	13	10	20	16.5	
FK 30	FK 30	30	117	93	62	30	32	75	32	95	11	17.5	40	11	12	17.5	17.6	

BALLSCREW END SUPPORT UNIT

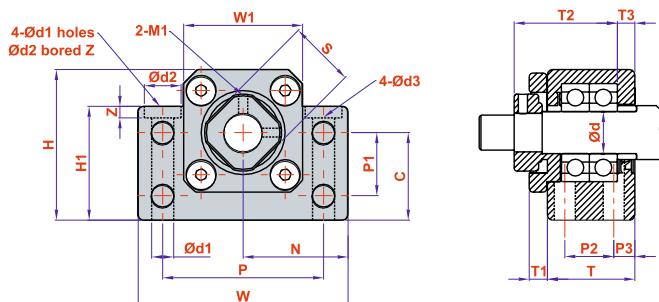
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ΚΩΔΙΚΟΣ	Type	Dimensions (mm)											TIMH
		Ød	R	G	T	H	F	D	P	d1	d2	Z	
FF 10	FF 10	8	43	35	12	7	5	28	35	3.4	6	3.4	
FF 12	FF 12	10	52	42	15	7	8	34	42	4.2	8	4.4	
FF 15	FF 15	15	63	52	17	9	8	40	50	5.2	9.5	5.4	
FF 20	FF 20	20	85	68	20	11	9	57	70	6.3	11	6.5	
FF 25	FF 25	25	98	79	24	14	10	63	80	8.7	14	8.6	
FF 30	FF 30	30	117	93	27	18	9	75	95	10.7	17.5	10.8	

BALLSCREW END SUPPORT UNIT

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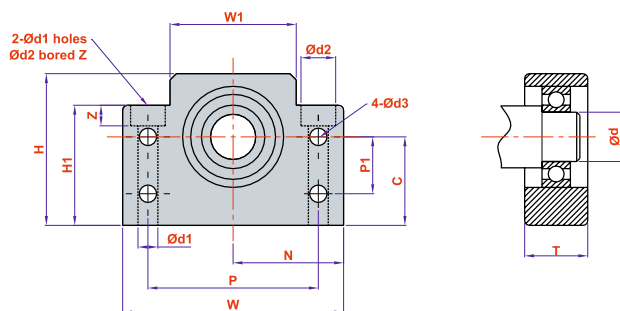


BK SERIES

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)																			TIMH
		Ød	T	T1	T2	T3	W	W1	H	H1	N	C	P	P1	P2	P3	Ød1	Ød2	Z	Ød3	
BK 10	BK 10	10	25	5	29.5	5	60	34	39	32.5	30	22	46	13	13	6	6.3	10.5	1.5	5.5	
BK 12	BK 12	12	25	5	29.5	5	60	34	42	32.5	30	25	46	18	13	6	6.3	10.5	1.5	5.5	
BK 15	BK 15	15	27	6	32	6	70	38	47	38	35	28	54	18	15	6	6.3	10.5	6.5	5.5	
BK 17	BK 17	17	35	9	44	7	86	48	63	55	43	39	68	28	19	8	8.7	14	8.6	6.6	
BK 20	BK 20	20	35	8	45	8	88	50	59	50	44	34	70	22	19	8	8.7	14	8.5	6.6	
BK 25	BK 25	25	42	12	54	9	106	62	79	70	53	48	85	33	22	10	10.7	17.5	10.8	9	
BK 30	BK 30	30	45	14.2	61	9	128	74	88	78	64	51	102	33	23	11	13.7	20	13	11	
BK 40	BK 40	40	61	18.2	76	15	160	98	109	90	80	60	130	37	23	14	17.7	26	17.5	14	

BALLSCREW END SUPPORT UNIT

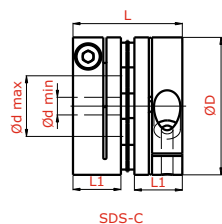
dup



BF SERIES

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)														TIMH
		Ød	T	W	W1	H	H1	P	P1	Ød1	Ød2	Z	Ød3	N	C	
BF 10	BF 10	8	20	60	34	39	32.5	46	15	6.3	10.5	5	5.5	17	22	
BF 12	BF 12	10	20	60	34	43	32.5	46	18	6.3	10.5	1.5	5.5	30	25	
BF 15	BF 15	15	20	70	40	48	38	54	18	6.3	10.5	6.5	5.5	35	28	
BF 17	BF 17	17	23	86	50	64	55	68	28	8.7	14	8.6	6.6	43	39	
BF 20	BF 20	20	26	88	52	60	50	70	22	8.7	14	8.6	6.6	44	34	
BF 25	BF 25	25	30	106	64	80	70	85	33	10.7	17.5	11	9.3	53	48	
BF 30	BF 30	30	32	128	76	89	78	102	33	13.7	20	12.5	11	64	51	
BF 40	BF 40	40	37	160	100	109	90	130	37	17.7	26	17.5	14	80	60	

CYLINDRICAL DISC COUPLINGS (SINGLE)



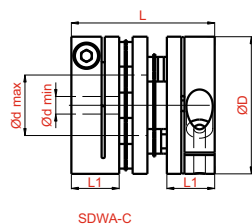
There are two versions, namely, single-disc and double-disc types; and it is suitable for ensuring absorption of motion transmission with angular difference or balance.

Single-disc coupling is suitable for use in areas with angular mismatch.

Double-disc coupling is available for areas with both angular and axial mismatches.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset ()	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	L1	M					
SDS-16C	SDS-16C	3	5	16	17,4	7,8	2	1	0	1,0	14.000	
SDS-19C	SDS-19C	3	6	19	19,3	8,7	2,6	1	0	1,8	14.000	
SDS-22C	SDS-22C	3	8	22,2	19,7	8,7	2,6	1	0	2,2	10.000	
SDS-26C	SDS-26C	4	10	26,6	24,1	10,6	3	1	0	3,0	10.000	
SDS-31C	SDS-31C	5	14	31,8	26,4	11,6	3	1	0	6,0	9.000	
SDS-39C	SDS-39C	5	16	39	31,3	13,7	4	1	0	10	8.000	

CYLINDRICAL DISC COUPLINGS (DOUBLE)



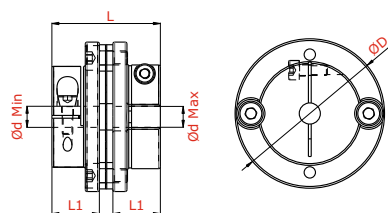
There are two versions, namely, single-disc and double-disc types; and it is suitable for ensuring absorption of motion transmission with angular difference or balance.

Single-disc coupling is suitable for use in areas with angular mismatch.

Double-disc coupling is available for areas with both angular and axial mismatches.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset ()	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	L1-L2	M					
SDWA-16C	SDWA-16C	3	5	16	21,1	7,8	2	1	0,05	1,0	14.000	
SDWA-22C	SDWA-22C	3	8	22,2	25	8,7	2,6	1,5	0,12	2,2	10.000	
SDWA-26C	SDWA-26C	4	10	26,6	32,5	10,6	3	1,5	0,15	3,0	10.000	
SDWA-31C	SDWA-31C	5	14	31,8	33,5	11,6	3	1,5	0,15	6,0	9.000	

FLANGED DISC COUPLINGS (SINGLE)



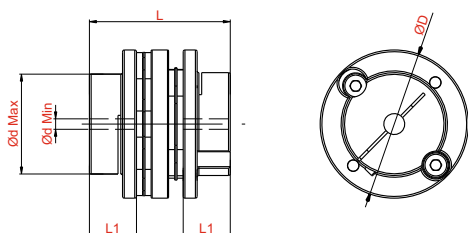
This type, which offers single and double disc options, is a coupling type that ensures eliminating angular mismatches.

Sheet metal material, which is connected with a bolt in the middle of metal jaws on the sides, absorb incoming loads.

Double-disc coupling is capable of eliminating axial mismatches, in addition to angular shifts.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	L1-L2	M					
SDS-42C	SDS-42C	6	15	42,5	30,8	13,4	3	1	0	14	8.000	
SDS-47C	SDS-47C	8	19	47	37	16,7	4	1	0	24	8.000	
SDS-64C	SDS-64C	12	22	64	58,2	26	6	1	0	62	7.000	
SDS-80C	SDS-80C	15	32	80	66,1	29,7	8	1	0	150	7.000	

FLANGED DISC COUPLINGS (DOUBLE)



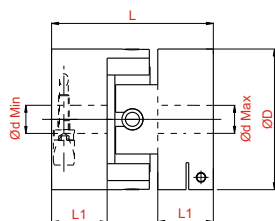
There are two versions, namely, single-disc and double-disc types; and it is suitable for ensuring absorption of motion transmission with angular difference or balance.

Single-disc coupling is suitable for use in areas with angular mismatch.

Double-disc coupling is suitable for use where both angular and axial mismatches are present.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	L1-L2	M					
SDWA-42C	SDWA-42C	6	17	42,5	39,7	13,4	3	1,5	0,18	14	8.000	
SDWA-47C	SDWA-47C	8	20	47	45,6	16,7	4	1,5	0,2	24	7.500	
SDWA-54C	SDWA-54C	10	25	54	60,6	21,4	5	1,5	0,2	44	7.500	
SDWA-64C	SDWA-64C	12	24	64	74,4	26	6	1,5	0,3	62	6.500	
SDWA-80C	SDWA-80C	15	32	80	81	29,7	8	2	0,5	150	6.000	

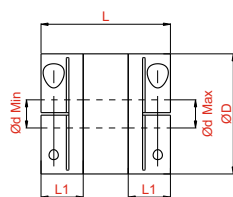
CROSS JOINT COUPLINGS



Advantages and Preferred Areas of Use: Can eliminate both angular and axial mismatches thanks to pin passing through its center and dry ball bearings on both sides. This is ensured through combination of advantages of Oldham coupling and joint. These couplings with high force and low inertia offer satisfactory speed of reaction against instantaneous changes of direction. They offer high resistance against chemical materials.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d min	Outer Dia D	Length L	L1	M					
SCJA-20C	SCJA-20C	4	8	20	23,4	7,9	2,6	1,5	0,5	1	16.000	
SCJA-32C	SCJA-32C	6	14	32	39	13,5	4	1,5	0,5	4	9.000	
SCJA-40C	SCJA-40C	8	15	40	45,6	16	5	1,5	0,5	10	7.000	

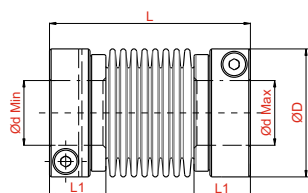
RUBBER COUPLINGS



These couplings are capable of absorbing vibrations and loads arising from motion transmission at high torque in servo applications. The most notable feature of high-performance rubber coupling is to absorb vibrations. Can run safely between -20 and +80°C.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d min	Outer Dia D	Length L	L1	M					
SHR-14C	SHR-14C	3	6	13,8	22,4	6,7	1,6	1,5	0,15	2,0	42.000	
SHR-18C	SHR-18C	4	8	17,8	25,5	7,95	2	1,5	0,15	3,8	33.000	
SHR-24C	SHR-24C	5	12	23,8	31,2	9,6	2,6	1,5	0,15	7,0	25.000	
SHR-29C	SHR-29C	6	15	28,8	35	11	3	1,5	0,2	11,4	21.000	
SHR-33C	SHR-33C	8	16	32,8	37	12	3	1,5	0,2	14,0	18.000	
SHR-38C	SHR-38C	8	20	37,8	47	15,5	4	1,5	0,2	24,0	16.000	
SHR-43C	SHR-43C	10	20	42,8	48	15,5	4	1,5	0,2	32,0	14.000	
SHR-55C	SHR-55C	12	25	54,8	59	19,5	5	1,5	0,2	63,0	11.000	

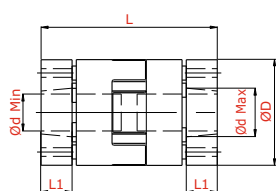
SPRING COUPLING



This coupling type ensures absorbing transmission of balanced motion on drives with angular difference. Meets incoming axial and radial (angular) loads thanks to spring mechanism in its body. This is the coupling which offers highest positioning sensitivity among all others.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Misalignment (°)	Max Axial Misalignment (mm)	Max. Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inside Dia d min	Inside Dia d max	Outside Dia D	Length L	L1-L2	M					
BW-16C	BW-16C	4	8	16	30	10,5	3	1,5	0,3	1,6	18.000	
BW-20C	BW-20C	5	12	20	33	12,5	3	2,0	0,35	3	13.000	
BW-25C	BW-25C	5	12	25	38	14	3	2,0	0,4	4	14.000	
BW-32C	BW-32C	6	16	32	43	13,5	4	2,0	0,5	5	10.000	
BW-40C	BW-40C	8	20	40	62	21	5	2,0	0,6	20	8.000	
BW-55C	BW-55C	10	30	55	74	23	6	2,0	0,8	50	6.000	
BW-65C	BW-65C	12	38	65	81	25,5	8	2,0	0,8	120	4.500	
BW-82C	BW-82C	14	42	82	103	34,5	8	2,0	1,0	160	4.000	

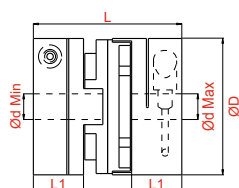
HUB FASTENING SERVO COUPLINGS



Auxiliary components that absorb direct motion coming from motor and ensure high torque transmission. Servo coupling offers high resistance against torsional strength and is suitable for applications requiring moment.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Misalignment (°)	Max Axial Misalignment (mm)	Max. Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inside Dia d min	Inside Dia d max	Outside Dia D	Length L	L1-L2	M					
JM-30T	JM-30T	6	14	30	50	8	3	0,9	+1,0, -1,0	25	25.000	
JM-40T	JM-40T	10	20	40	66	12	4	0,9	+1,2, -1,0	34	16.500	
JM-55T	JM-55T	11	28	55	78	15	5	0,9	+1,4, -1,0	120	12.200	
JM-65T	JM-65T	15	38	65	90	17	5	0,9	+1,5, -1,4	320	10.500	
JM-80T	JM-80T	20	45	80	114	24	6	0,9	+1,8, -1,4	650	8.650	

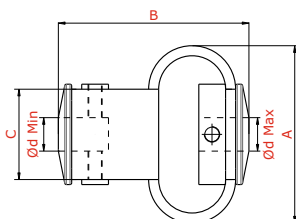
OLDHAM COUPLING



Due to specific design, it is only suitable for meeting axial mismatches. Compared to other coupling types, it offers zero space tolerance and is suitable where electrical insulation is required.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	L1-L2	M					
SOH-20C	SOH-20C	4	8	20	25,9	7,7	2,6	1,5	1,5	3	11.000	
SOH-25C	SOH-25C	5	10	25,5	32	10,2	3	1,5	2	5	10.000	
SOH-32C	SOH-32C	6	15	32	44,7	14,4	4	1,5	2,5	14	9.000	
SOH-43C	SOH-43C	8	16	43	52	16,5	5	1,5	3	25	8.000	
SOH-53C	SOH-53C	10	25	53	58,3	19,5	5	1,5	3,2	40	7.000	
SOH-70C	SOH-70C	18	35	73	75,5	25	8	1,5	3,5	120	4.500	

PLASTIC COUPLING

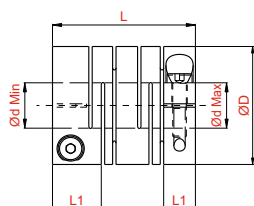


Advantages and Preferred Areas of Use: Plastic coupling, which is very successful at eliminating angular and axial mismatches, is an economic solution in the long run for applications with low inertia and high start-stop frequency.

This coupling, which successfully absorbs shocks and vibrations, provides solution for low-torque and slower applications.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	A	M					
SFC-29	SFC-29	4	10	18	28	25	4	10	2	0,35	3.000	
SFC-38	SFC-38	6	12	22,5	35	32	4	10	2,5	1,35	3.000	
SFC-48	SFC-48	8	14	26	50	43	5	12	2,5	1,80	3.000	
SFC-54	SFC-54	10	16	29,5	59	50	6	12	3	4,50	3.000	

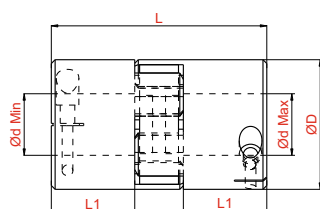
FLEXIBLE BEAM COUPLINGS



Thanks to spirally cut body structures, it makes up for axis mismatches and ensures torque transmission. Not suitable for applications with high moment requirement.
Thanks to monoblock design, they are void-free and provide high efficiency.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	L1-L2	M					
JT-16C	JT-16C	5	8	16	23	6,5	2,5	2	+0.4, -0.4	1	24.000	
JT-20C	JT-20C	5	10	20	26	7,5	3	2	+0.4, -0.4	2	20.000	
JT-25C	JT-25C	5	12	25	31	8,5	3	2	+0.5, -0.5	4	15.000	
JT-32C	JT-32C	8	16	32	41	12	4	2	+0.5, -0.5	8	12.000	
JT-40C	JT-40C	8	20	40	56	17	5	2	+0.5, -0.5	16	9.500	
JT-50C	JT-50C	12	25	50	71	21	6	2	+0.5, -0.5	32	7.000	
JT-63C	JT-63C	14	35	63	90	26	8	2	+0.5, -0.5	64	6.000	

SERVO COUPLINGS



Auxiliary components that ensures high torque transmission through absorption of direct motion incoming from the motor.
Servo coupling offers high resistance against torsional strength and is suitable for applications requiring moment.

ΚΩΔΙΚΟΣ	Type	Dimensions (mm)						Max Angular Offset (°)	Max Axial Offset (mm)	Max Torque (Nm)	Max. Cycle (rpm)	TIMH
		Inner Dia d min	Inner Dia d max	Outer Dia D	Length L	L1-L2	M					
JM-16C	JM-16C	4	7	16	22	7	2,5	0,9	+0.6, -0.3	4	24.700	
JM-25C	JM-25C	4	12	25	34	11	4	0,9	+0.8, -0.4	18	17.000	
JM-30C	JM-30C	5	16	30	35	11	4	0,9	+1.0, -0.5	25	12.600	
JM-40C	JM-40C	8	24	40	66	25	5	0,9	+1.2, -0.5	34	9.000	
JM-55C	JM-55C	10	28	55	78	30	6	0,9	+1.4, -0.5	120	6.500	
JM-95C	JM-95C	14	55	95	126	50	10	0,9	+2.0, -1.0	900	3.800	
JM-105C	JM-105C	19,80	62	105	140	56	12	0,9	+2.1, -1.0	1.050	3.300	
JM-120C	JM-120C	20	74	120	163	69	12	0,9	+2.2, -1.0	1.370	2.800	

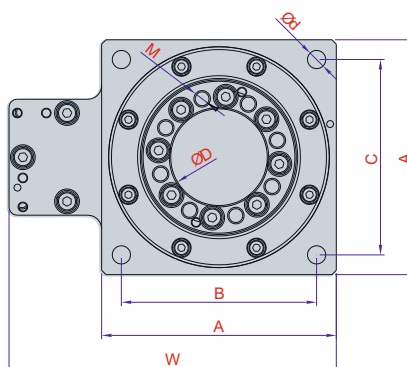
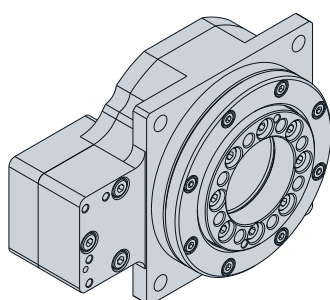
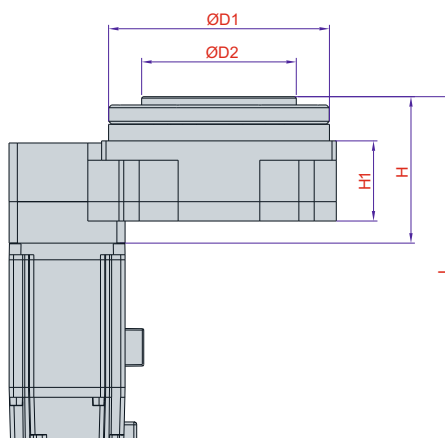
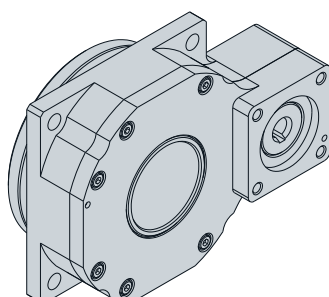
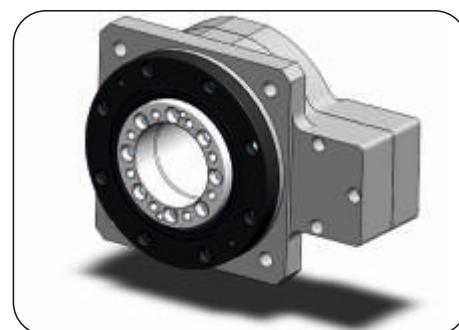
Box Filling Systems (Saddle)



Robot Applications (Joint Component)



ROTARY TABLE

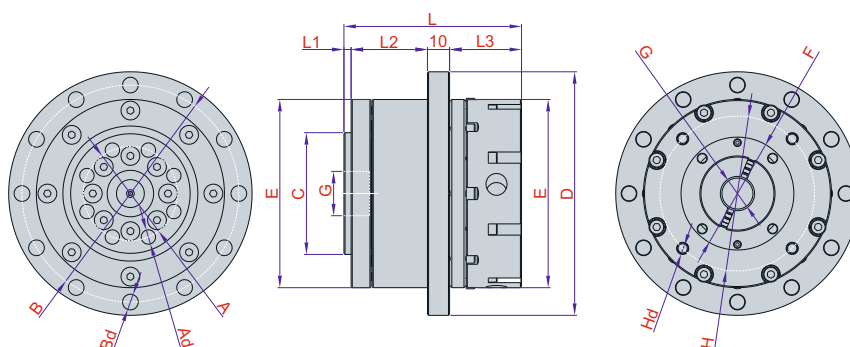


ΚΩΔΙΚΟΣ	Type	PRODUCT NAME	A	B	C	W	H	H1	L	D	D1	D2	d	M	Max. Load(kgf)	Motor	TIMH
RT NT-60	NT60 i:10	ROTARY TABLE Ø060 i:10	60	50	50	85	56,6	29	157	28	60	45	5	3	30	100 W SERVO	ΚΑΤΟΠΙΝ ΖΗΤΗΣΗΣ
RT NT-85	NT85 i:30	ROTARY TABLE Ø085 i:30	85	70,7	70,7	118	53	29	153	35	80	56	6,6	5	50	100 W SERVO	
RT NT-130	NT130 i:10	ROTARY TABLE Ø130 i:10	130	102,5	102,5	178	81,6	55	212	50	125	75	9	5	200	400 W SERVO	
RT NT-230	NT230 i:10	ROTARY TABLE Ø230 i:10	235	198	198	332,5	129	34	276	105	230	150	9	6	835	1000 W SERVO	

CYCLOID BALL REDUCERS



Features/Models	Ratio	SBRU110	SBRU130	SBRU200
Continuous Torque (kgf*m/Nm)	10	-	-	-
	15	-	-	-
	20	-	2.93/28.71	-
	30	-	2.13/20.87	9.33/91.43
	40	-	2.5/24.5	14.4/141.12
	50	1.96/19.21	2.43/23.81	10.64/104.27
Max Torque (kgf*m/Nm)	10~50	Three Times Rated Output Torque		
Breaking Point (kgf*m/Nm)	10~50	Six Times Rated Torque		
Inertia (kg*cm ²)	10~50	0.42	0.56	2.6
Max. Revolution (rpm / min)	10~50	3000		
Max. Radial Load (kgf)	10~50	50	170	200
Input Shaft Diameter (mm)	10~50	14	14	19, 22 , 24
Soft input measurement (mm)	10~50	X	X	X
Weight (kg)	10~50	2.5	4.3	12.65

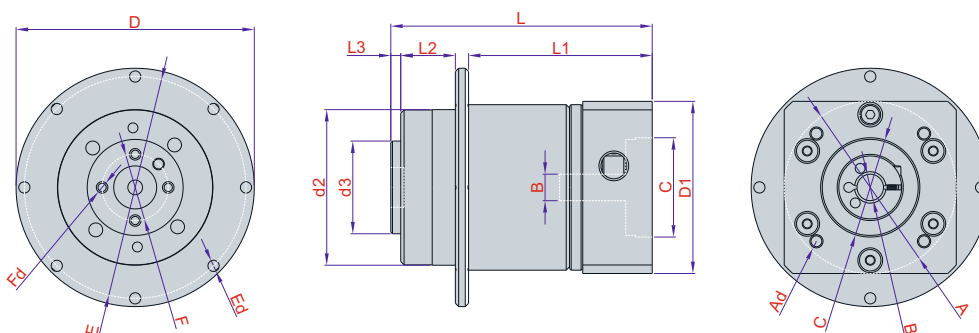


ΚΩΔΙΚΟΣ	Type	PRODUCT NAME	A	Ad	B	Bd	C	D		E	G	H	Hd	L	L1	L2	L3	Weight (kg)	TIMH
CR-SBRU 110	SBRU 110	CYCLOID Reducer	42,5	8 x M6	98	12 x Ø6.6	55	110	85	50	14	70	4 x M5	80,25	3,25	34,5	32,5	2,5	ΚΑΤΟΠΙΝ ΖΗΤΗΣΗΣ
CR-SBRU 130	SBRU 130	CYCLOID Reducer	40	6 x M8	117	12 x Ø6.6	60	130	104	50	14	70	4 x M5	81,25	5	41,75	24,5	4,3	
CR-SBRU 200	SBRU 200	CYCLOID Reducer	40	6 x M8	117	12 x Ø6.6	60	130	104	50	14	70	4 x M5	81,25	5	41,75	24,5	4,3	

CYCLOID BALL REDUCERS



Features/Models	Ratio	SBDE50	SBDE70	SBDE90
Continuous Torque (kgf*m/Nm)	10	1.43/14.01	3.22/31.55	4/3.92
	15	-	2.11/20.68	2.78/27.24
	20	-	1.57/15.39	3.93/38.51
	30	1.16/11.37	2.19/21.46	1.8/17.64
	40	-	1.64/16.07	2.88/28.22
	50	1.96/19.21	2.43/23.81	10.64/104.27
Max. Torque (kgf*m/Nm)	10~50	Three Times Rated Output Torque		
Breaking Point (kgf*m/Nm)	10~50	Six Times Rated Torque		
Inertia (kg*cm ²)	10~50	0.06	0.14	0.92
Max. Revolution (rpm / min)	10~50	3000		
Max. Radial Load (kgf)	10~50	25	40	108
Input Shaft Diameter (mm)	10~50	X	14	16~19
Soft input measurement (mm)	10~50	8	X	X
Weight (kg)	10~50	0.46	3.4	4.3



ΚΩΔΙΚΟΣ	Type	PRODUCT NAME	A	Ad	B	C	D	d1	d2	d3	E	Ed	F	Fd	L	L1	L2	L3	Weight (kg)	TIMH
CR-SBDE 50	SBDE 50	CYCLOID Reducer	46	4 x M4	8	30	72	52	47	28	60	8 x Ø 3.4	20	4 x M3	79	55,5	16,5	3	0,46	ΚΑΤΟΠΙΝ ΖΗΤΗΣΗΣ
CR-SBDE 70	SBDE 70	CYCLOID Reducer	70	4 x M5	14	50	86	70	64	40	79	8 x Ø 4.5	31,5	8 x M5	98,8	75,3	16,5	3	3,4	
CR-SBDE 90	SBDE 90	CYCLOID Reducer	90	4 x M6	16	70	118	118	90	63	107	8 x Ø 5.5	50	8 x M6	120	83,6	24	5,5	4,3	

STEPPER MOTOR and DRIVERS

MCM



STEPPER MOTORS



ΚΩΔΙΚΟΣ	Type	POWER	CURRENT	CABLE	FLANGE (NM)	Appropriate DRIVER	TIMH
42MV05	42MV05	0,5 Nm	1,7	4	NEMA17 (42mm)	M542	
57MC20	57MC20	2 Nm	3	4	NEMA23 (57mm)	M542	
57MC20	57MC20	2,2 Nm	3	8	NEMA23 (57mm)	M542	
60MC30	60MC30	3 Nm	3	4	NEMA24 (60mm)	M542	
86MC45	86MC45	4,5 Nm	5	8	NEMA34 (86mm)	MA860H	
86MC85	86MC85	8,5 Nm	5	8	NEMA34 (86mm)	MA860H	
86MC120	86MC120	12 Nm	5	8	NEMA34 (86mm)	MA860H-ND2278	
110MC280	110MC280	28 Nm	8	8	NEMA42 (110mm)	ND2278	



STEPPER MOTOR DRIVERS

ΚΩΔΙΚΟΣ	Type	CURRENT	VOLTAGE	TIMH
M542	M542	4,2	DC 24-48	
MA860H	MA860H	7,2	AC/DC 36-80	
ND2278	ND2278	7,8	AC 80-220	
DM870	DM870	7,0	DC 24-72	

POWER SUPPLIES



ΚΩΔΙΚΟΣ	Type	OUTPUT VOLTAGE	CURRENT	POWER	TIMH
GK 15-5	GK 15-5	5 VDC	3	15 WATT	
GK 100-24	GK 100-24	24 VDC	4,2	100 WATT	
GK 150-24	GK 150-24	24 VDC	6,5	150 WATT	
GK 350-24	GK 350-24	24 VDC	14,6	350 WATT	
GK 350-48	GK 350-48	48 VDC	7,2	350 WATT	
TRAFO 250-30	TRAFO 250-30	30 VDC	8,3	250 WATT	
TRAFO 750-48	TRAFO 750-48	48 VDC	15,6	750 WATT	
TRAFO 750-48-30	TRAFO 750-48-30	48-30 VDC	13,4 - 3	750 WATT	
TRAFO 1000-48	TRAFO 1000-48	48 VDC	28,8	1000 WATT	

Gantry Systems



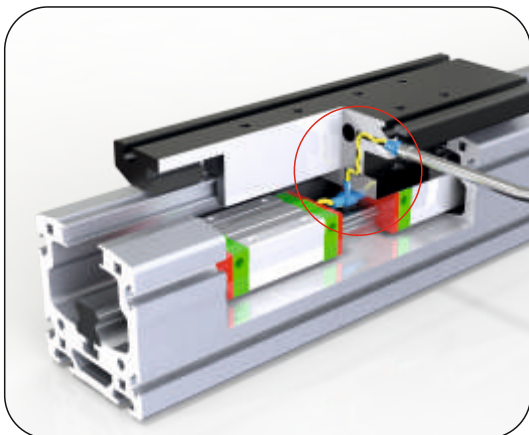
Cartesian Robot



Extra Lubrication Features

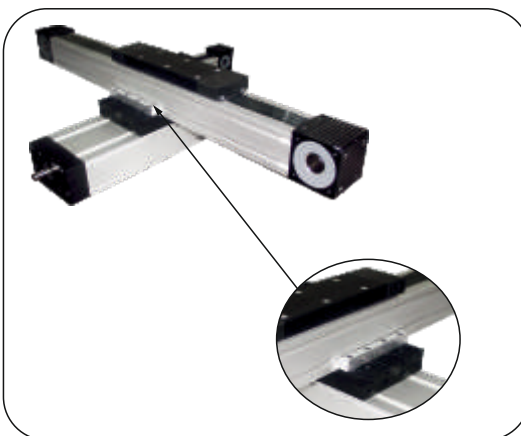
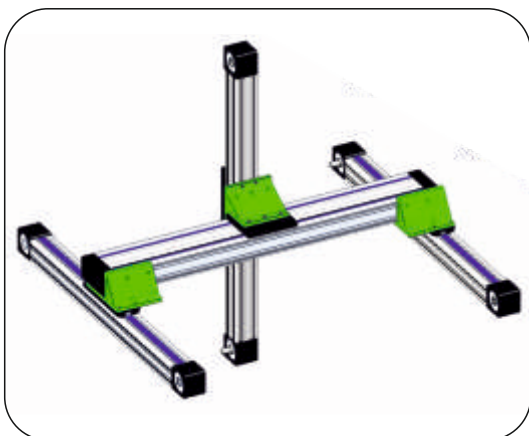
LONG
WORK
LIFE

64x64 Compact
80x80 Compact
50x110 Compact
65x145 Compact
80x160 Compact
100x100 Compact

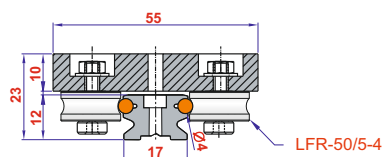


Ø6 Block Bearing
Ø8 Block Bearing
Ø12 Block Bearing
Ø20 Block Bearing
45x90 Module
90x90 Module

Module Connection Options



Block Guidance Ø4
(L MAX 6000 mm)

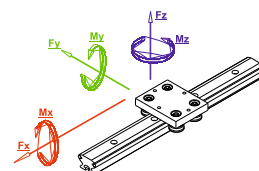


BLOCK (OPEN TYPE)



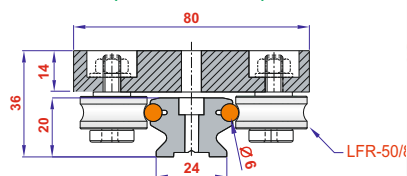
ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
107-50/5-4	GUIDANCE (WITH Ø4 SHAFT)	1 μέτρο	
BLOCK Φ4	BLOCK(4 BALLBEARINGS)	1 τεμάχιο	

Loading Capacity



Load	Static	Ø4 Block
■ F _x (N)	(N)	
■ F _y (N)	(N)	170
■ F _z (N)	(N)	230
Moment		
■ M _x (Nm)	(Nm)	20
■ M _y (Nm)	(Nm)	20
■ M _z (Nm)	(Nm)	35

Block Guidance Ø6
(L MAX 6000 mm)



**PROTECTIVE GUARD
LUBRICATING PROPERTY
(CLOSED TYPE)**

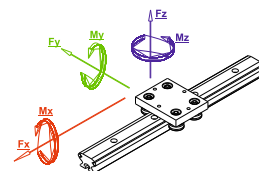


BLOCK (OPEN TYPE)



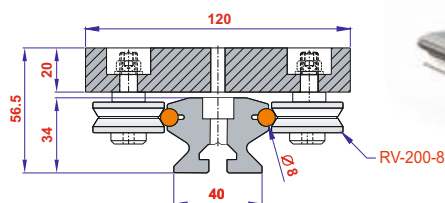
ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
108-50/8-6	GUIDANCE (Ø6 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Φ6 closed	BLOCK WITH 4 BALLBEARINGS (GUARDED /OILED)	1 τεμάχιο	
BLOCK Φ6	BLOCK(WITH 4 BALLBEARINGS)	1 τεμάχιο	

Loading Capacity



Load	Static	Ø6 Block
■ F _x (N)	(N)	
■ F _y (N)	(N)	360
■ F _z (N)	(N)	490
Moment		
■ M _x (Nm)	(Nm)	30
■ M _y (Nm)	(Nm)	40
■ M _z (Nm)	(Nm)	55

Block Guidance Ø8
(L MAX 6000 mm)



**PROTECTIVE GUARD
LUBRICATING PROPERTY
(CLOSED TYPE)**

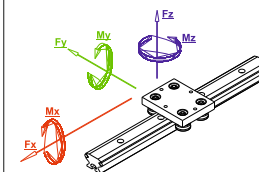


BLOCK (OPEN TYPE)



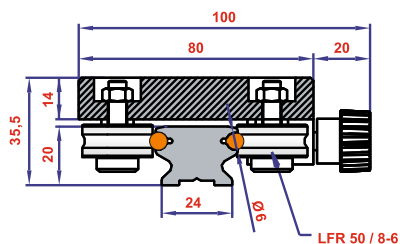
ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
109-5200-8	GUIDANCE (Ø8 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Φ8 closed	BLOCK WITH 4 BALLBEARINGS (GUARDED /OILED)	1 τεμάχιο	
BLOCK Φ8	BLOCK(WITH 4 BALLBEARINGS)	1 τεμάχιο	

Loading Capacity

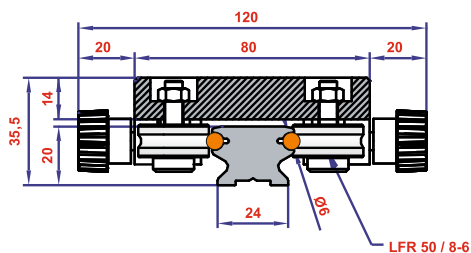


Load	Static	Ø8 Block
■ F _x (N)	(N)	
■ F _y (N)	(N)	580
■ F _z (N)	(N)	740
Moment		
■ M _x (Nm)	(Nm)	58
■ M _y (Nm)	(Nm)	48
■ M _z (Nm)	(Nm)	64

Block Guidance Ø6 Single Lock
(L MAX 6000 mm)



Block Guidance Ø6 Double Lock
(L MAX 6000 mm)

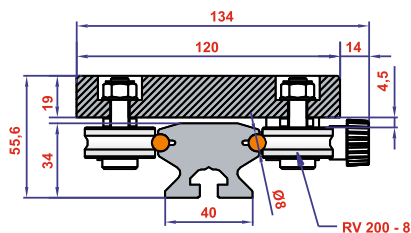


BLOCK (OPEN TYPE)

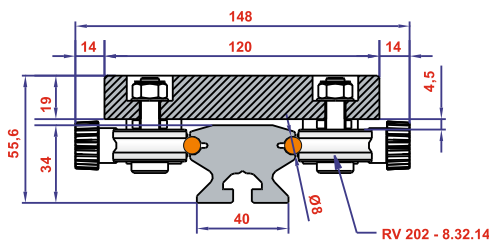


ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
108-50/8-6	GUIDANCE (Ø6 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Ø6 SL	BLOCK CARRIAGE SINGLE LOCK	1 τεμάχιο	
BLOCK Ø6 DL	BLOCK CARRIAGE DOUBLE LOCK	1 τεμάχιο	

Block Guidance Ø8 Single Lock
(L MAX 6000 mm)



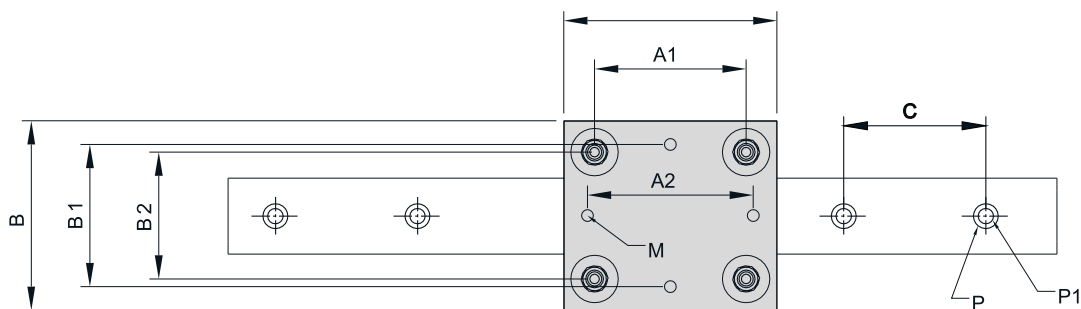
Block Guidance Ø8 Double Lock
(L MAX 6000 mm)



BLOCK (OPEN TYPE)

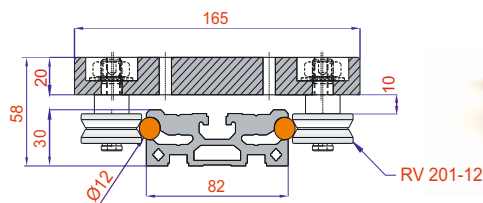


ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
109-5200-8	GUIDANCE (Ø8 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Ø8 SL	BLOCK CARRIAGE SINGLE LOCK	1 τεμάχιο	
BLOCK Ø8 DL	BLOCK CARRIAGE DOUBLE LOCK	1 τεμάχιο	

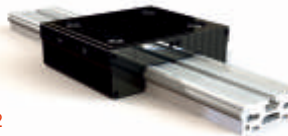


PRODUCT NAME	ØD	B	B1	B2	A	A1	A2	M	G	H	H1	ROLLER BEARINGS
Ø4 BLOCK GUIDANCE	4	55	40	34	50	31	40	M5	0.5	23	9.5	LFR 50 / 5-4
Ø6 BLOCK GUIDANCE	6	80	60	53.5	90	64	70	M6	1	35.5	14	LFR 50 / 8-6 KDD
Ø6 CLOSED TYPE	6	100	60	53.5	115	64	70	M6	1	35.5	14	LFR 50 / 8-6 KDD
Ø8 BLOCK GUIDANCE	8	120	100	80.5	95	55	75	M8	4.5	55.6	19	RV 200 - 8.32.14 KDD
Ø8 CLOSED TYPE	8	135	100	80.5	115	55	75	M8	4.5	55.6	19	RV 200 - 8.32.14 KDD

Block Guidance Ø12
(L MAX 6000 mm)



PROTECTIVE GUARD
LUBRICATING PROPERTY
(CLOSED TYPE)



BLOCK (OPEN TYPE)

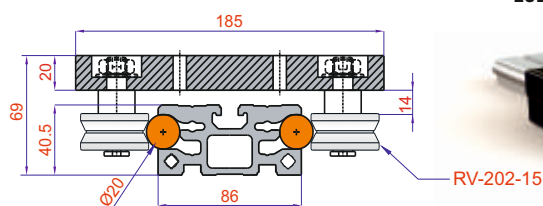


ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
110-5201	GUIDANCE (Ø12 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Ø12 closed	BLOCK WITH 4 BALLBEARINGS (GUARDED /OILED)	1 τεμάχιο	
BLOCK Ø12	BLOCK(WITH 4 BALLBEARINGS)	1 τεμάχιο	

Loading Capacity

Load	Static	Ø 12
■ F _x	(N)	
■ F _y	(N)	870
■ F _z	(N)	1100
Moment		
■ M _x	(Nm)	70
■ M _y	(Nm)	65
■ M _z	(Nm)	75

Block Guidance Ø20
(L MAX 6000 mm)



PROTECTIVE GUARD
LUBRICATING PROPERTY
(CLOSED TYPE)



BLOCK (OPEN TYPE)



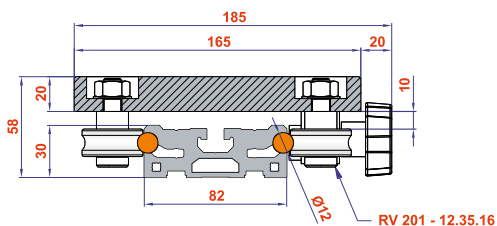
ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
115-202	GUIDANCE (Ø20 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Ø20 closed	BLOCK WITH 4 BALLBEARINGS (GUARDED /OILED)	1 τεμάχιο	
BLOCK Ø20	BLOCK(WITH 4 BALLBEARINGS)	1 τεμάχιο	

Loading Capacity

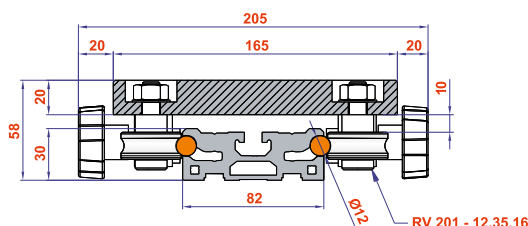
Load	Static	Ø 20
■ F _x	(N)	
■ F _y	(N)	1260
■ F _z	(N)	1870
Moment		
■ M _x	(Nm)	95
■ M _y	(Nm)	85
■ M _z	(Nm)	75

Lubrication protective shield protects against environmental factors with and extends the operating life of 70%.

Block Guidance Ø12 Single Lock
(L MAX 6000 mm)



Block Guidance Ø12 Double Lock
(L MAX 6000 mm)

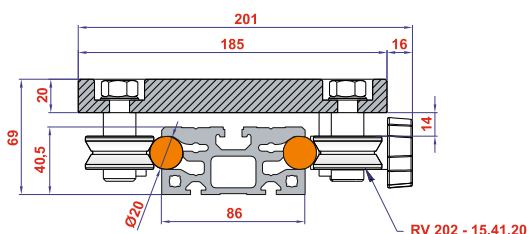


BLOCK (OPEN TYPE)

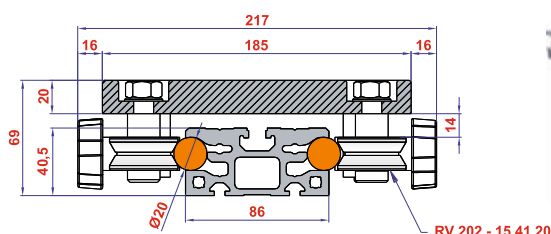


ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
110-5201	GUIDANCE (Ø6 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Φ12 SL	BLOCK CARRIAGE SINGLE LOCK	1 τεμάχιο	
BLOCK Φ12 DL	BLOCK CARRIAGE DOUBLE LOCK	1 τεμάχιο	

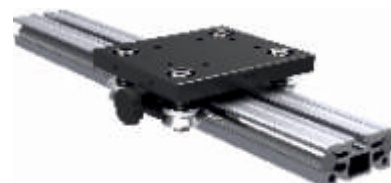
Block Guidance Ø20 Single Lock
(L MAX 6000 mm)



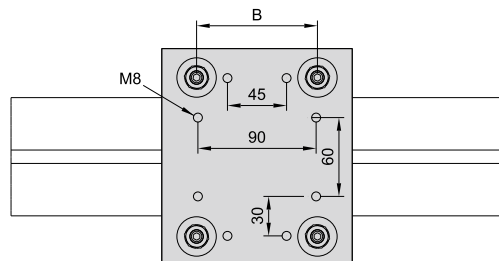
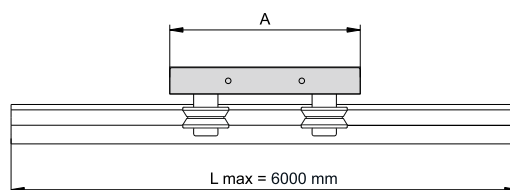
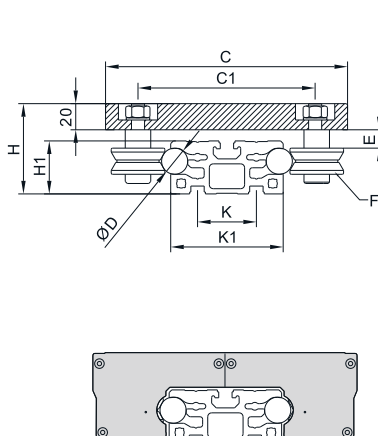
Block Guidance Ø20 Double Lock
(L MAX 6000 mm)



BLOCK (OPEN TYPE)



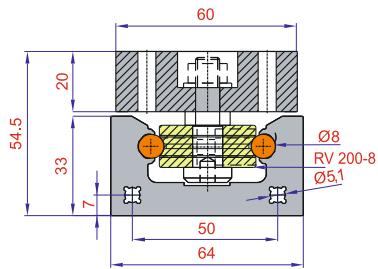
ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
115-202	GUIDANCE (Ø6 WITH BALLBEARINGS)	1 μέτρο	
BLOCK Φ20 SL	BLOCK CARRIAGE SINGLE LOCK	1 τεμάχιο	
BLOCK Φ20 DL	BLOCK CARRIAGE DOUBLE LOCK	1 τεμάχιο	



PRODUCT NAME	ØD	A	B	C	C1	E	H	H1	ROLLER BEARINGS
Ø12 BLOCK GUIDANCE	12	145	92	165	121	10	58	30	RV 201-12.35.16 KDD
Ø12 CLOSED TYPE	12	155	92	182	121	10	58	30	

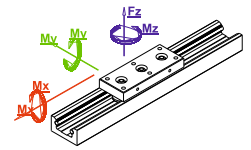
PRODUCT NAME	ØD	A	B	C	C1	E	H	H1	ROLLER BEARINGS
Ø20 BLOCK GUIDANCE	20	165	105	185	135	14	69	40.5	RV 202-15.41.20 KDD
Ø20 CLOSED TYPE	20	175	105	202	135	14	69	40.5	

Closed Block Guidance Ø8
(L MAX 6000 mm)



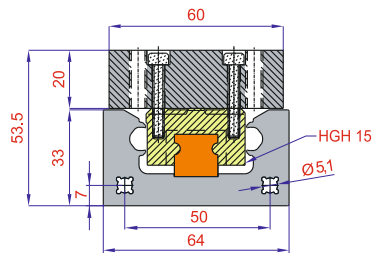
ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
112-5200	GUIDANCE (WITH Ø8 SHAFT)	1 μέτρο	
BLOCK Φ8-3 closed	BLOCK WITH 3 BALLBEARINGS (GUARDED /OILED)	1 τεμάχιο	
BLOCK Φ8-3 ball	BLOCK(WITH 3 BALLBEARINGS) OPEN	1 τεμάχιο	
BLOCK Φ8-4 closed	BLOCK WITH 4 BALLBEARINGS (GUARDED /OILED)	1 τεμάχιο	
BLOCK Φ8-4 ball	BLOCK(WITH 4 BALLBEARINGS) OPEN	1 τεμάχιο	

Loading Capacity



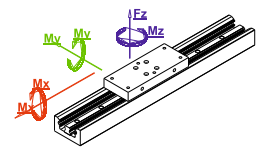
Load	Static (N)	Roller
F_x	(N)	
F_y	(N)	480
F_z	(N)	610
Moment		
M_x	(Nm)	12
M_y	(Nm)	15
M_z	(Nm)	23

Closed Block Guidance 15
(L MAX 7300 mm)

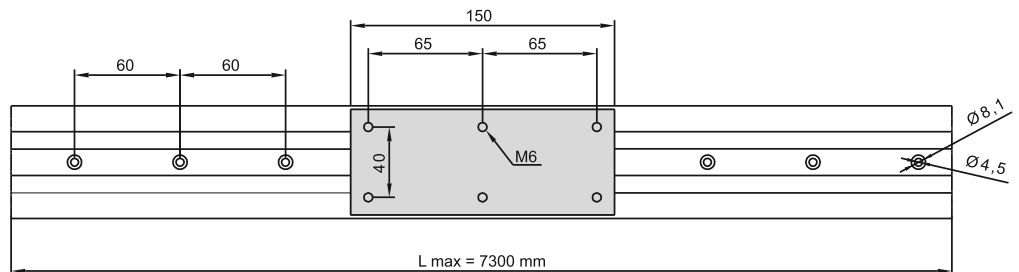
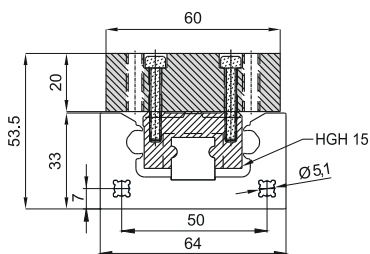


ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
111-LNR	GUIDANCE 15 (WITH LINEAR RAIL)	1 μέτρο	
BLOCK Φ15 linear	BLOCK (LINEAR BLOCK)	1 τεμάχιο	

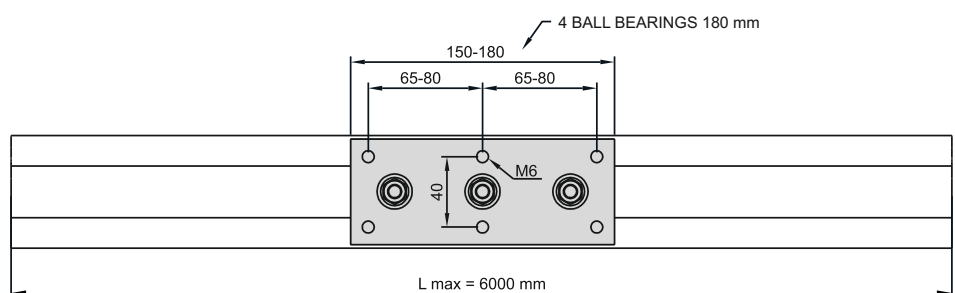
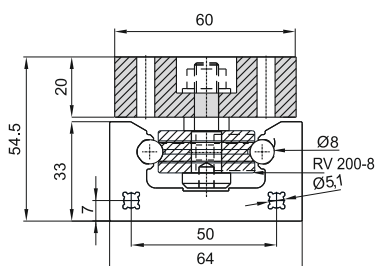
Loading Capacity



Load	Static (N)	Linear
F_x	(N)	
F_y	(N)	765
F_z	(N)	946
Moment		
M_x	(Nm)	37
M_y	(Nm)	34
M_z	(Nm)	50

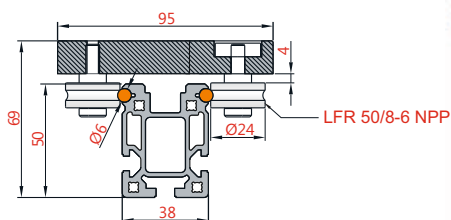


L max = 7300 mm

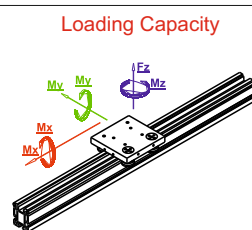


L max = 6000 mm

Profile Guidance 38x50
(L MAX 6000 mm)

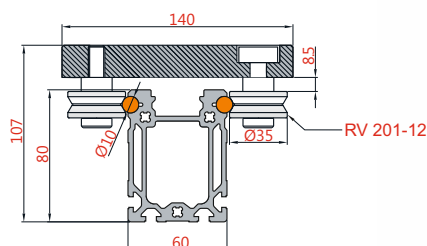


ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
PG 38x50	GUIDANCE (WITH Ø6 SHAFT)	1 μέτρο	
PG BLOCK Φ6	BLOCK(WITH 4 BALLBEARINGS)	1 τεμάχιο	

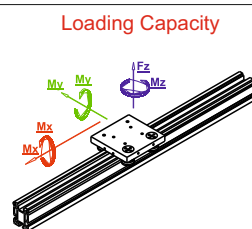


Load	Static	38X50
F_x (N)		
F_y (N)		480
F_z (N)		610
Moment		
M_x (Nm)		12
M_y (Nm)		15
M_z (Nm)		23

Profile Guidance 60x80
(L MAX 6000 mm)

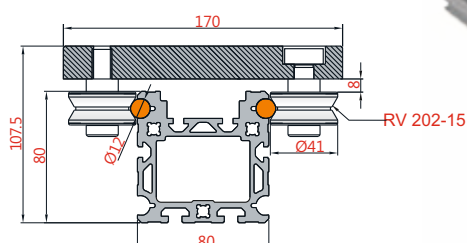


ΚΩΔΙΚΟΣ	EXTRA SPARE PARTS		TIMH
PG 60x80	GUIDANCE (WITH Ø10 SHAFT)	1 μέτρο	
PG BLOCK Φ10	BLOCK(WITH 4 BALLBEARINGS)	1 τεμάχιο	

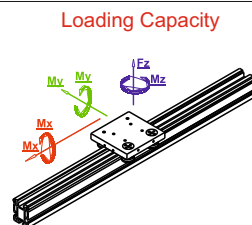


Load	Static	60X80
F_x (N)		
F_y (N)		765
F_z (N)		946
Moment		
M_x (Nm)		37
M_y (Nm)		34
M_z (Nm)		50

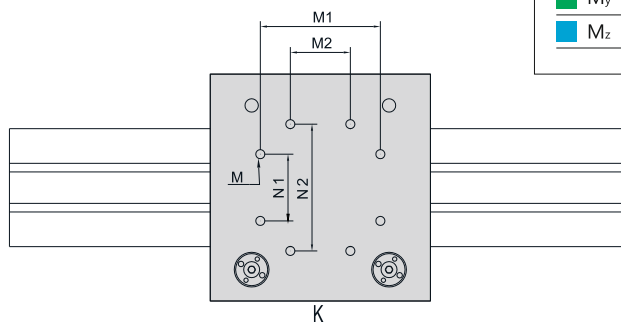
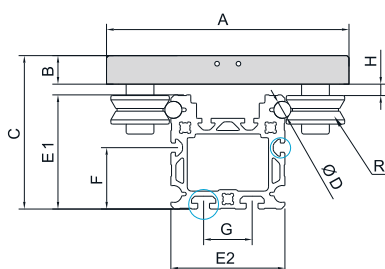
Profile Guidance 80x80
(L MAX 6000 mm)



ΚΩΔΙΚΟΣ	EXTRA SPAREPARTS		TIMH
PG 80x80	GUIDANCE (WITH Ø12 SHAFT)	1 μέτρο	
PG BLOCK Φ12	BLOCK(WITH 4 BALLBEARINGS)	1 τεμάχιο	

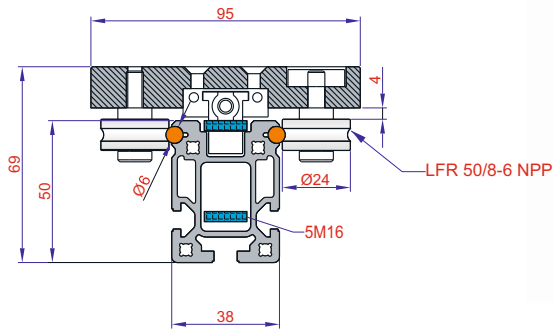


Load	Static	80X80
F_x (N)		
F_y (N)		2030
F_z (N)		2530
Moment		
M_x (Nm)		150
M_y (Nm)		145
M_z (Nm)		175



PRODUCT NAME	A	B	C	ØD	E1	E2	F	G	H	K	M	M1	M2	N1	N2	ROLLER BEARINGS
38x50 Guidance	95	14,5	69	6	50	38	15	-----	4	100	5	45	-----	30	-----	LFR 50 / 8-6 KDD
60x80 Guidance	140	19,5	107	10	80	60	12	32	8,5	150	8	90	45	45	90	RV 201-12.35.16
80x80 Guidance	170	20	107,5	12	80	80	43	34	8	165	8	90	45	50	95	RV 202-15.41.20

Timing Belt Module 38x50
(L MAX 3000 mm)



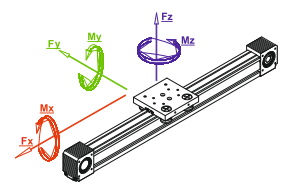
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	
500 mm	
1000 mm	
2000 mm	
3000 mm	

TIMH	

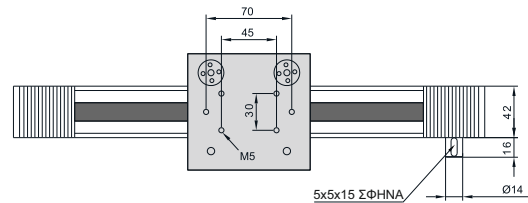
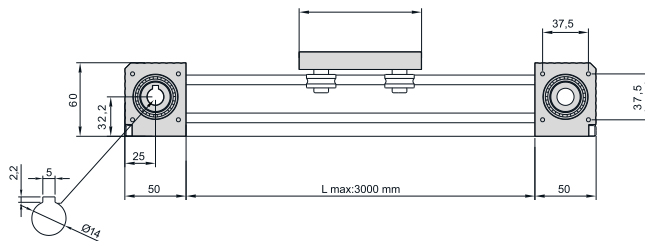
EXTRA SPARE PARTS	
Block(with 4 Ballbearings)	1 τεμάχιο
G60 Flange+JM 30 Coupling Mounting	1 τεμάχιο
G80 Flange+JM 40 Coupling Mounting	1 τεμάχιο

TIMH	

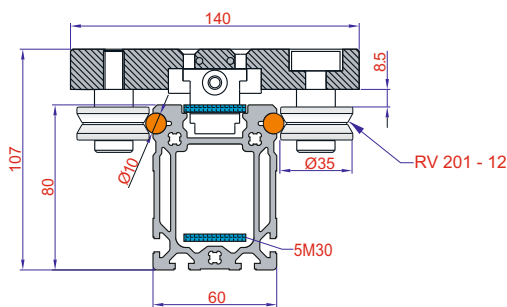
Loading Capacity



Load	Static (N)	
■ F _x	(N)	320
■ F _y	(N)	800
■ F _z	(N)	1000
Moment		
■ M _x	(Nm)	90
■ M _y	(Nm)	150
■ M _z	(Nm)	80



Timing Belt Module Roller 60x80
(L MAX 5850 mm)



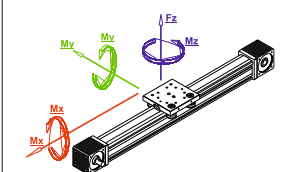
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5850 mm	

TIMH	

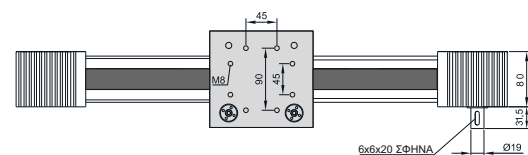
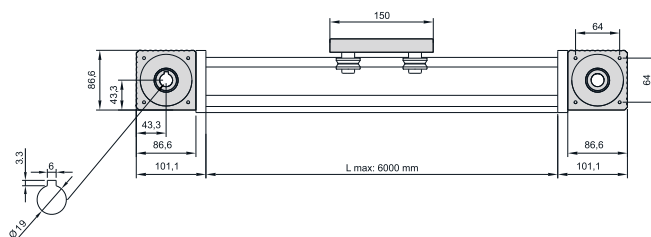
EXTRA SPARE PARTS	
Block(with 4 Ballbearings)	1 τεμάχιο
G85 Flange+JM 40 Coupling Mounting	1 τεμάχιο
G95 Flange+JM 40 Coupling Mounting	1 τεμάχιο

TIMH	

Loading Capacity

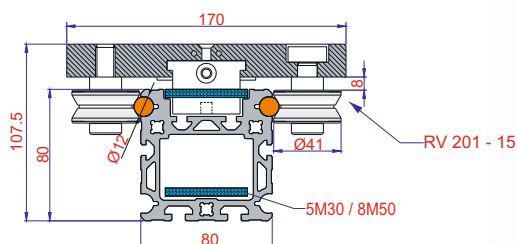


Load	Static (N)	80X80
■ F _x	(N)	640
■ F _y	(N)	2030
■ F _z	(N)	1505
Moment		
■ M _x	(Nm)	120
■ M _y	(Nm)	145
■ M _z	(Nm)	162



Timing Belt Module Roller 80x80

(L MAX 5800 mm)

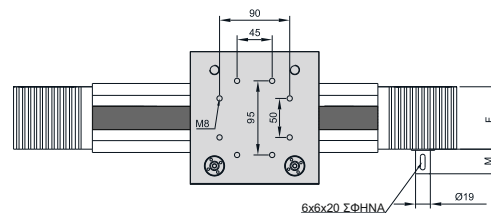
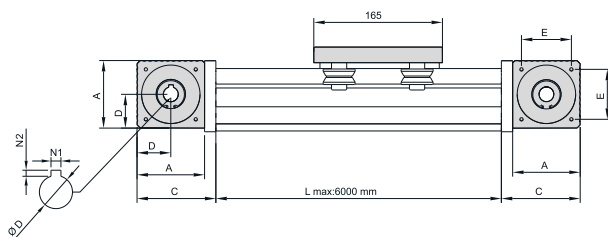


Loading Capacity

Load	Static	5M-30	8M-50
F_x (N)	(N)	640	
F_y (N)	(N)	2030	
F_z (N)	(N)	2530	
Moment			
M_x (Nm)	(Nm)	150	
M_y (Nm)	(Nm)	145	
M_z (Nm)	(Nm)	175	

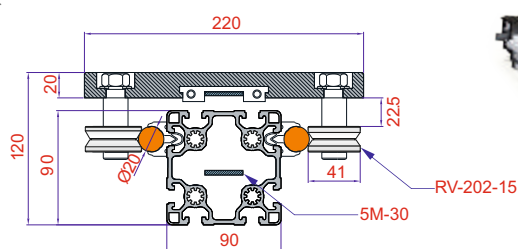
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH 5M30 BELT MAX SPEED 5m/sn	TIMH 8M50 BELT MAX SPEED 6m/sn
500 mm		
1000 mm		
2000 mm		
3000 mm		
4000 mm		
5000 mm		
5800 mm		

EXTRA SPARE PARTS		TIMH
Block(with 4 Ballbearings) (5m30 Type)	1 τεμάχιο	
Block(with 4 Ballbearings) (8m50 Type)	1 τεμάχιο	
G80 Flange+JM 40 Coupling Mounting	1 τεμάχιο	
G85 Flange+JM 40 Coupling Mounting	1 τεμάχιο	



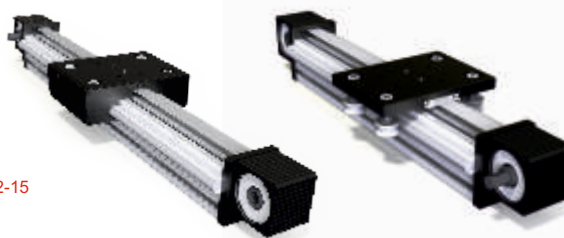
Timing Belt Module Roller 90x90

(L MAX 5820 mm)



PROTECTIVE GUARD
LUBRICATING PROPERTY

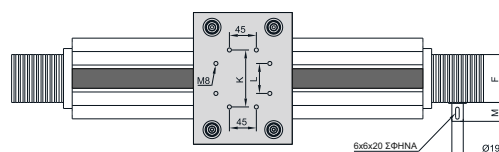
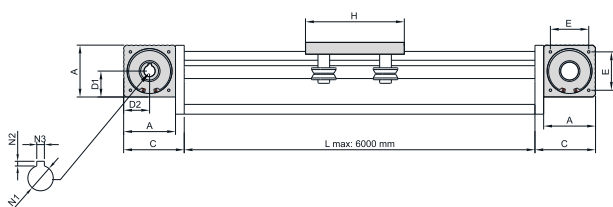
BLOCK (OPEN TYPE)



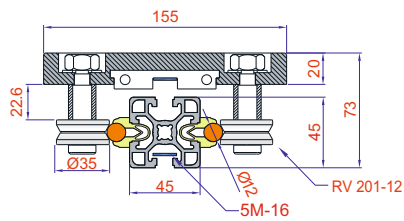
Loading Capacity

Load	Static	750 / 950
F_x (N)	(N)	750 / 950
F_y (N)	(N)	1295
F_z (N)	(N)	1780
Moment		
M_x (Nm)	(Nm)	102
M_y (Nm)	(Nm)	88
M_z (Nm)	(Nm)	98

BELT 5M30 MAX SPEED 5m/sn	TIMH	EXTRA SPARE PARTS		TIMH
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	RV 202	Block(with 4 Ballbearings)	1 τεμάχιο	
500 mm		Block With 4 Ballbearings (guarded /oiled)	1 τεμάχιο	
1000 mm		G95 Flang + JM 40 Coupling Mounting	1 τεμάχιο	
2000 mm		G95 Flang + JM 55 Coupling Mounting	1 τεμάχιο	
3000 mm				
4000 mm				
5000 mm				
5820 mm				



Timing Belt Module Roller 45x45
(L MAX 3000 mm)



PROTECTIVE GUARD
LUBRICATING PROPERTY

BLOCK (OPEN TYPE)

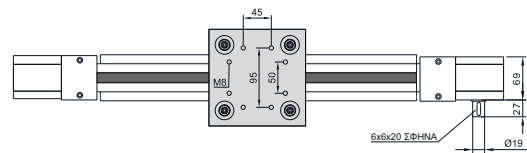
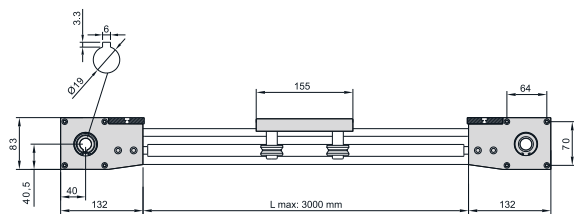


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	

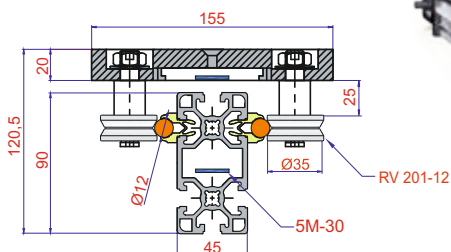
EXTRA SPARE PARTS	
Block(with 4 Ballbearings)	1 τεμάχιο
Block With 4 Ballbearings (guarded /oiled)	1 τεμάχιο
G80 Flange+JM 40 Coupling Mounting	1 τεμάχιο
G85 Flange+JM 40 Coupling Mounting	1 τεμάχιο

TIMH

Loading Capacity		
Load	Static (N)	
■ F _x	(N)	640
■ F _y	(N)	1100
■ F _z	(N)	1100
Moment		
■ M _x	(Nm)	115
■ M _y	(Nm)	110
■ M _z	(Nm)	145

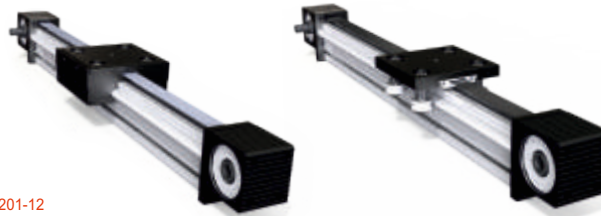


Timing Belt module Roller 45x90
(L MAX 5830 mm)



PROTECTIVE GUARD
LUBRICATING PROPERTY

BLOCK (OPEN TYPE)

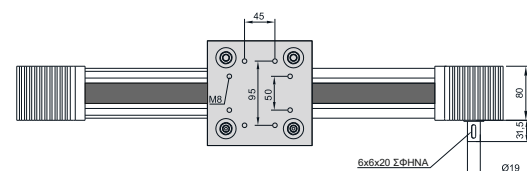
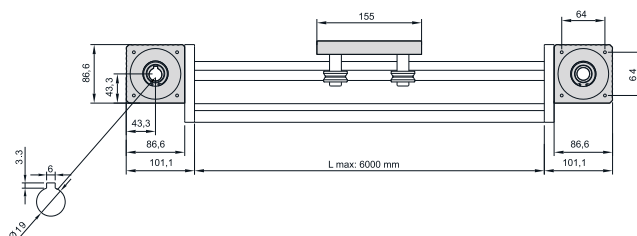


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5830 mm	

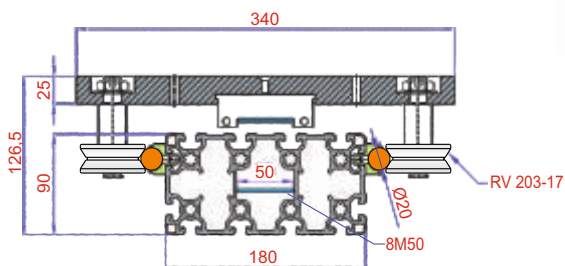
EXTRA SPARE PARTS	
Block(with 4 Ballbearings)	1 τεμάχιο
Block With 4 Ballbearings (guarded /oiled)	1 τεμάχιο
G80 Flange+JM 40 Coupling Mounting	1 τεμάχιο
G85 Flange+JM 40 Coupling Mounting	1 τεμάχιο

TIMH

Loading Capacity		
Load	Static (N)	
■ F _x	(N)	640
■ F _y	(N)	885
■ F _z	(N)	1150
Moment		
■ M _x	(Nm)	75
■ M _y	(Nm)	70
■ M _z	(Nm)	86



Timing Belt Module Roller 90x180
(L MAX 5750 mm)

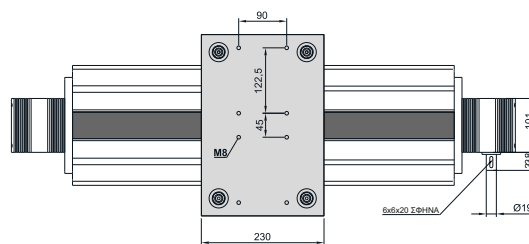
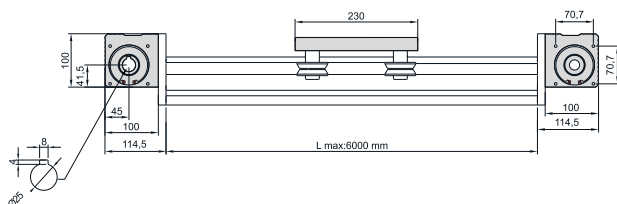


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5750 mm	

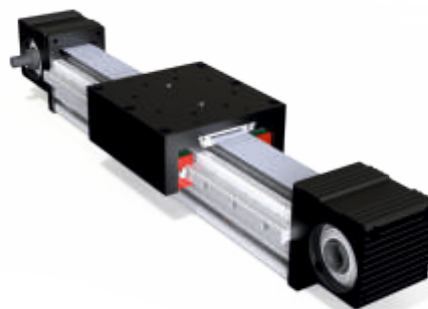
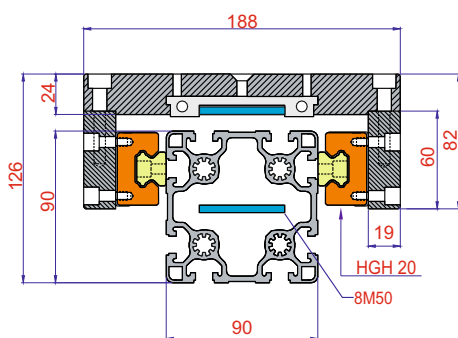
EXTRA SPARE PARTS		TIMH
Block (4 Bearing)	1 τεμάχιο	
Pulley Box 100x100 Triger Head	1 σετ	
G120 Flange + JM 40 Coupling mounting	1 τεμάχιο	
G120 Flange + JM 55 Coupling mounting	1 τεμάχιο	

Loading Capacity

Load	Static	
F_x (N)	950	
F_y (N)	1618	
F_z (N)	2225	
Moment		
M_x (Nm)	152	
M_y (Nm)	120	
M_z (Nm)	146	



Linear Timing Belt Module 90x90
(L MAX 5780 mm)

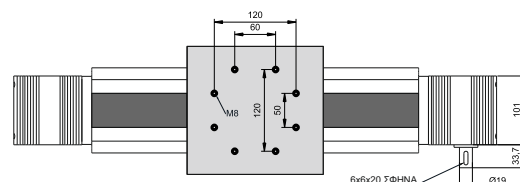
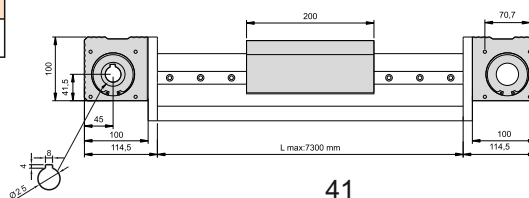


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5780 mm	

EXTRA SPARE PARTS		TIMH
Block (With Linear Block)	1 τεμάχιο	
Pulley Box 100x100 Triger Head	1 σετ	
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο	
G95 Flange + JM 55 Coupling mounting	1 τεμάχιο	

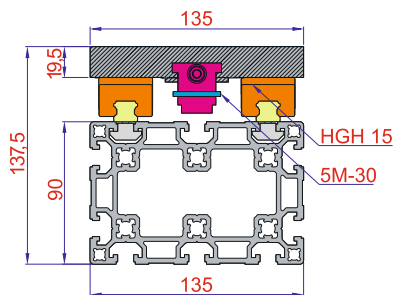
Loading Capacity

Load	Static	
F_x (N)	950	
F_y (N)	2785	
F_z (N)	3863	
Moment		
M_x (Nm)	690	
M_y (Nm)	435	
M_z (Nm)	435	



Linear Timing Belt Module 90x135

(L MAX 5780 mm)

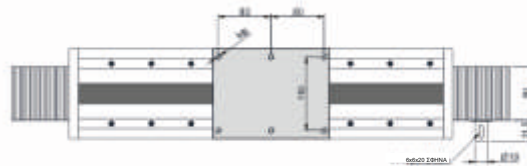
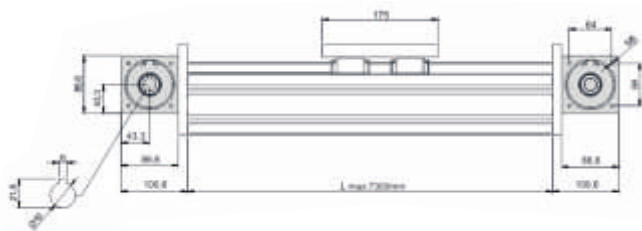


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5780 mm	

EXTRA SPARE PARTS		TIMH
Block (With Linear Block)	1 σΕΤ	
Pulley Box 100x100 Trigger Head	1 τεμάχιο	
G 95 Flange + JM 55 Coupling mounting	1 τεμάχιο	

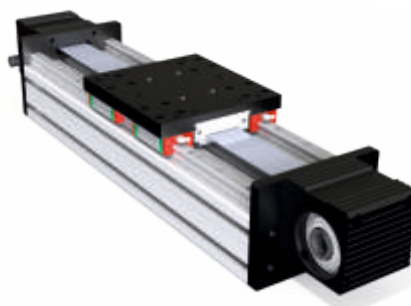
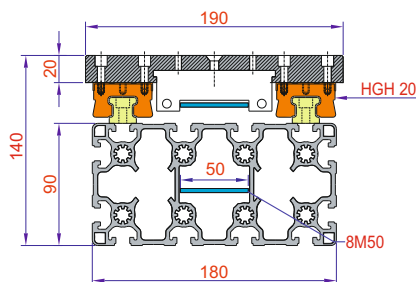
Loading Capacity

Load	Static	
■ F _x	(N)	950
■ F _y	(N)	3960
■ F _z	(N)	5184
Moment		
■ M _x	(Nm)	780
■ M _y	(Nm)	528
■ M _z	(Nm)	528



Linear Timing Belt Module 90x180

(L MAX 5780 mm)

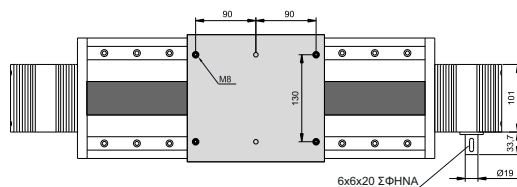
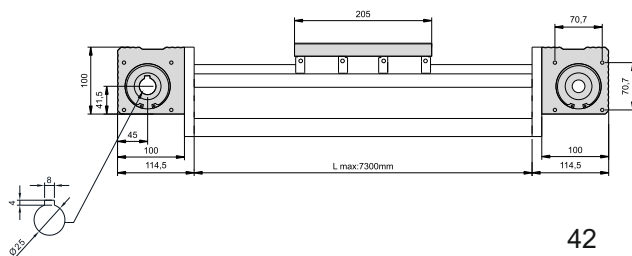


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5780 mm	

EXTRA SPARE PARTS		TIMH
Block (With Linear Block)	1 σΕΤ	
Pulley Box 100x100 Trigger Head	1 τεμάχιο	
G 95 Flange + JM 55 Coupling mounting	1 τεμάχιο	

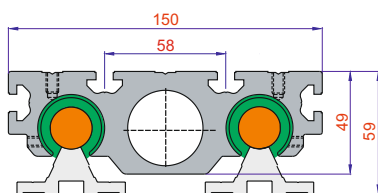
Loading Capacity

Load	Static	
■ F _x	(N)	950
■ F _y	(N)	3960
■ F _z	(N)	5184
Moment		
■ M _x	(Nm)	780
■ M _y	(Nm)	528
■ M _z	(Nm)	528



DKTM Timing Belt Module Ø20

(L MAX 5850 mm)

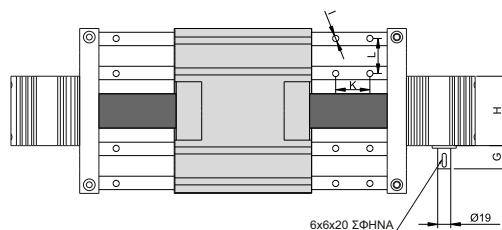
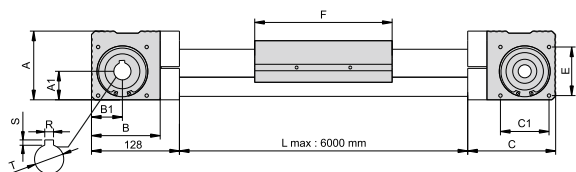


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
	(5 m 30 Belt)
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5850 mm	

EXTRA SPARE PARTS	
Block With Linear Bearings	1 τεμάχιο
Pulley Box 64x64 Triger Head	1 τεμάχιο
G85 Flange + JM 40 Coupling mounting	1 τεμάχιο

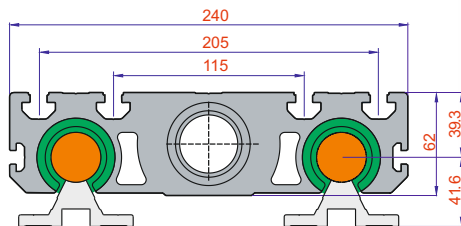
TIMH	

Loading Capacity		
Load	Static	DKTM-20
■ F _x	(N)	750
■ F _y	(N)	1744
■ F _z	(N)	2180
Moment		
■ M _x	(Nm)	224
■ M _y	(Nm)	175
■ M _z	(Nm)	185



DKTM Timing Belt Module Ø30

(L MAX 5800mm)



ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
	(8 m 50 Belt)
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5800 mm	

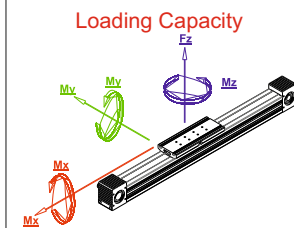
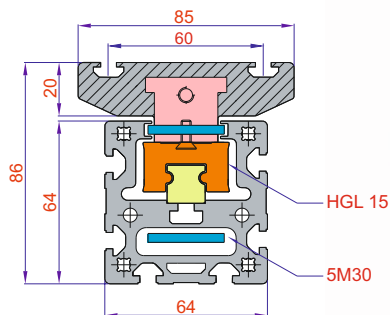
EXTRA SPARE PARTS	
Block With Linear Bearings	1 τεμάχιο
Pulley Box 100x100 Triger Head	1 τεμάχιο
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο

TIMH	

Loading Capacity		
Load	Static	DKTM-30
■ F _x	(N)	950
■ F _y	(N)	3441
■ F _z	(N)	4552
Moment		
■ M _x	(Nm)	360
■ M _y	(Nm)	224
■ M _z	(Nm)	234

PRODUCT NAME	ØD	A	A1	B	B1	C1	E	F	G	H	I	K	L	M	M1	M2	N	N1	N2	N3	P	R	S	T
DKTM - 20	20	84	40	66,4	33,5	54	45	150	29,75	64	6,6	100	37	150	58	---	59,3	49	15	32,3	90	6	3,3	19
DKTM - 30	30	100	41,5	100	55	70,7	70,7	200	33,75	101	9	150	51	240	205	115	81	62	39	42	160	8	4	25

Timing Belt Compact Module 64x64
(L MAX 5750 mm)

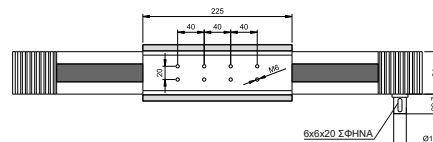
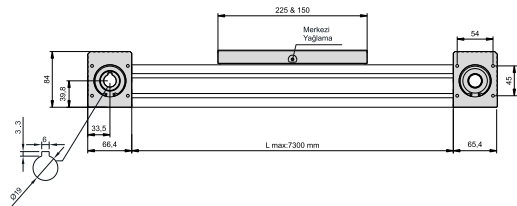


Load	Static	
■ F_x	(N)	950
■ F_y	(N)	3960
■ F_z	(N)	5184
Moment		
■ M_x	(Nm)	780
■ M_y	(Nm)	528
■ M_z	(Nm)	528

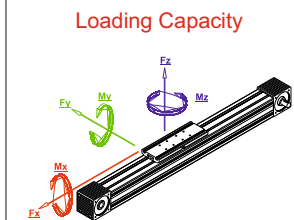
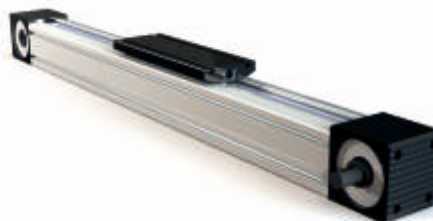
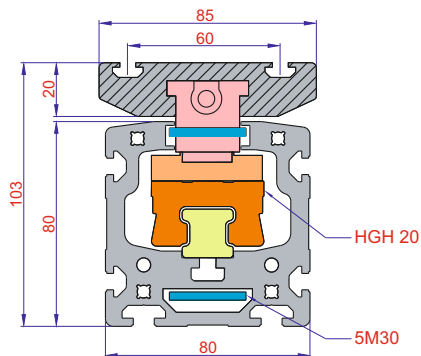
	PLATE LENGTH 150	PLATE LENGTH 225
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH	TIMH
500 mm		
1000 mm		
2000 mm		
3000 mm		
4000 mm		
5000 mm		
5750 mm		

EXTRA SPARE PARTS		TIMH
Block With Linear	1 τεμάχιο	
Pulley Box 64x64 Triger Head	1 σετ	
G60 Flange + JM 30 Coupling mounting	1 τεμάχιο	
G80 Flange + JM 40 Coupling mounting	1 τεμάχιο	

NOTE: Prices are given according to single block.
There will be added 68 € in list price for double blocked plate.



Timing Belt Compact Module 80x80
(L MAX 5750 mm)

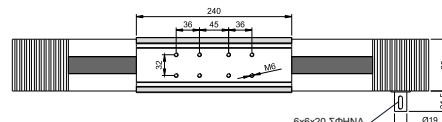
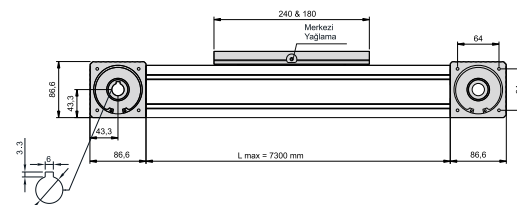


Load	Static	
■ F_x	(N)	750
■ F_y	(N)	2330
■ F_z	(N)	2080
Moment		
■ M_x	(Nm)	155
■ M_y	(Nm)	184
■ M_z	(Nm)	172

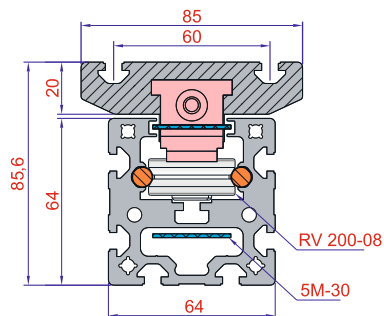
	PLATE LENGTH 180	PLATE LENGTH 240
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH	TIMH
500 mm		
1000 mm		
2000 mm		
3000 mm		
4000 mm		
5000 mm		
5750 mm		

EXTRA SPARE PARTS		TIMH
Block With Linear	1 τεμάχιο	
Pulley Box 80x80	1 σετ	
G85 Flange + GS19 Coupling mounting	1 τεμάχιο	
G95 Flange + GS19 Coupling mounting	1 τεμάχιο	

NOTE: Prices are given according to single block.
There will be added 68 € in list price for double blocked plate.



Timing Belt Compact Roller 64x64
(L MAX 5750 mm)

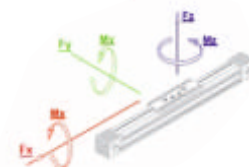


ROLLER
RV 200-08

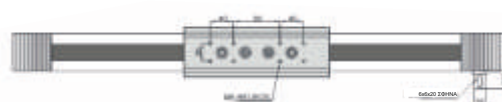
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5750 mm	

EXTRA SPARE PARTS		TIMH
Block With Linear	1 τεμάχιο	
Pulley Box 64x64 Triger Head	1 σετ	
G60 Flange + JM 30 Coupling mounting	1 τεμάχιο	
G80 Flange + JM 40 Coupling mounting	1 τεμάχιο	

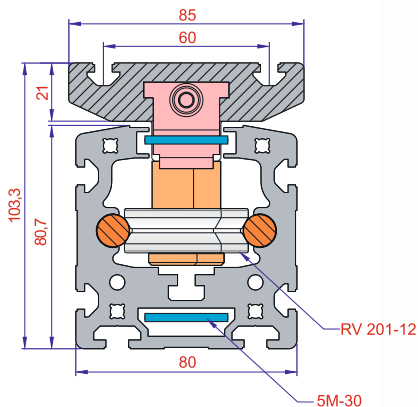
Loading Capacity



Load	Static	
F_x (N)	/	
F_y (N)	1430	
F_z (N)	1850	
Moment		
M_x (Nm)	55	
M_y (Nm)	142	
M_z (Nm)	325	



Timing Belt Compact Roller 64x64
(L MAX 5750 mm)

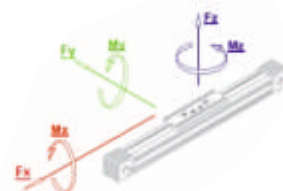


ROLLER
RV 201-12

ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5750 mm	

EXTRA SPARE PARTS		TIMH
Block With Linear	1 τεμάχιο	
Pulley Box 80x80 Triger Head	1 σετ	
G85 Flange + JM 40 Coupling mounting	1 τεμάχιο	
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο	

Loading Capacity

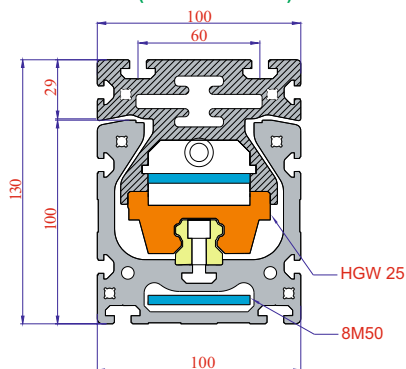


Load	Static	
F_x (N)	/	
F_y (N)	2000	
F_z (N)	2400	
Moment		
M_x (Nm)	162	
M_y (Nm)	426	
M_z (Nm)	730	



Timing Belt Compact Module 100x100

(L MAX 7500 mm)



ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 MM	
1000 MM	
2000 MM	
3000 MM	
4000 MM	
5000 MM	
6000 MM	
7000 MM	
7500 MM	

EXTRA SPARE PARTS		TIMH
Block With Linear	1 τεμάχιο	
Pulley Box 100x100 Triger Head	1 σετ	
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο	
G120 Flange + JM 55 Coupling mounting	1 τεμάχιο	

NOTE:Prices are given according to single block.
There will be added 70 € in list price for double blocked plate.

Loading Capacity		
Load	Static	
F _x	(N)	950
F _y	(N)	2800
F _z	(N)	3450
Moment		
M _x	(Nm)	197
M _y	(Nm)	230
M _z	(Nm)	220

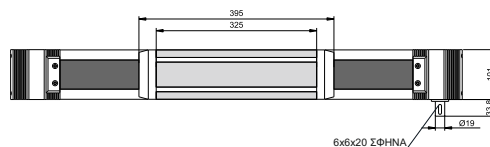
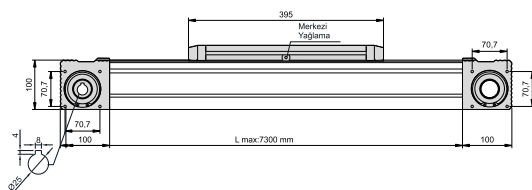


Plate Driven Timing Belt Compact Module 64x64

(L MAX 5700 mm)

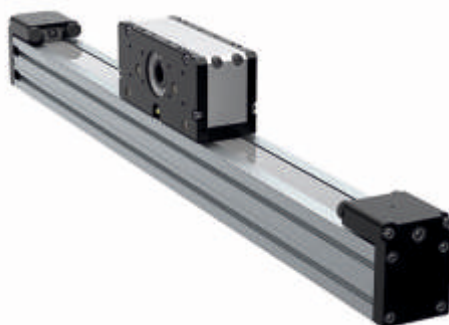
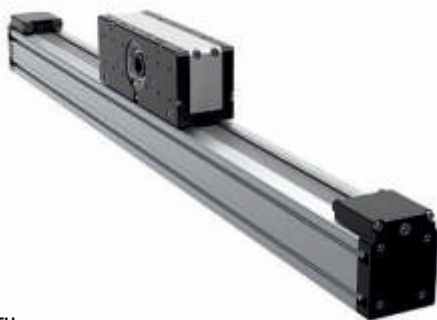


	PLATE LENGTH 180	PLATE LENGTH 230
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH	TIMH
500 mm		
1000 mm		
2000 mm		
3000 mm		
4000 mm		
5000 mm		
5700 mm		

EXTRA SPARE PARTS		TIMH
Block With Linear	1 τεμάχιο	
Pulley Box 64x64 Triger Head	1 σετ	
G60 Flange + JM 30 Coupling mounting	1 τεμάχιο	
G80 Flange + JM 40 Coupling mounting	1 τεμάχιο	

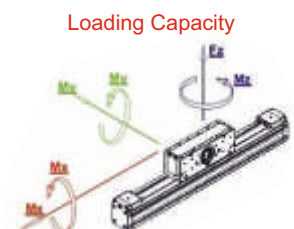
Loading Capacity		
Load	Static	
F _x	(N)	150
F _y	(N)	1000
F _z	(N)	1000
Moment		
M _x	(Nm)	60
M _y	(Nm)	300
M _z	(Nm)	320



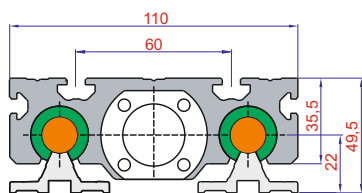
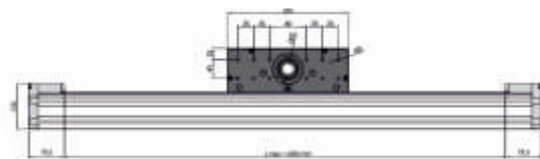
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	PLATE LENGTH 215	PLATE LENGTH 265
	TIMH	TIMH
500 mm		
1000 mm		
2000 mm		
3000 mm		
4000 mm		
5000 mm		
5700 mm		

EXTRA SPARE PARTS	
Block With Linear	1 τεμάχιο
Pulley Box 80x80 Triger Head	1 σετ
G85 Flange + JM 30 Coupling mounting	1 τεμάχιο
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο

TIMH



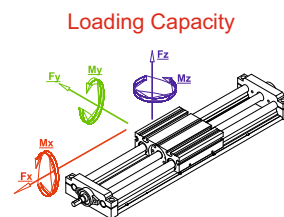
Load		
	F_x	(N) 370
	F_y	(N) 2330
	F_z	(N) 2080
Moment		
	M_x	(Nm) 155
	M_y	(Nm) 535
	M_z	(Nm) 670



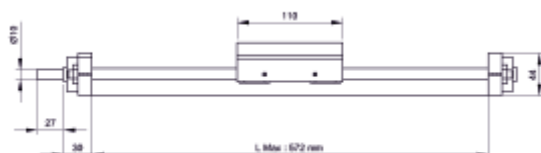
	TIMH
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	BallScrew Ø12-05
500 mm	
1000 mm	
2000 mm	

EXTRA SPARE PARTS		TIMH
Plate (12 UUOP Bearing)	1 τεμάχιο	

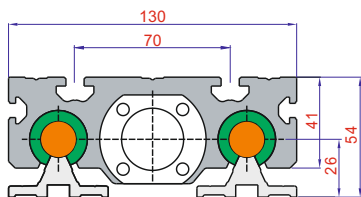
* Prices are given according to block with linear bearing.



		DKVM
Load	12	
 F_x	(N)	12
 F_y	(N)	385
 F_z	(N)	910
Moment		
 M_x	(Nm)	125
 M_y	(Nm)	95
 M_z	(Nm)	110



DKVM BallScrew Module Ø16
(L MAX 2000 mm)



Loading Capacity

DKVM		
Load	16	
■ F _x	(N)	505
■ F _y	(N)	1205
■ F _z	(N)	1512
Moment		
■ M _x	(Nm)	167
■ M _y	(Nm)	126
■ M _z	(Nm)	146

ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ
500 mm
1000 mm
2000 mm

TIMH
BallScrew (16-05 mm)

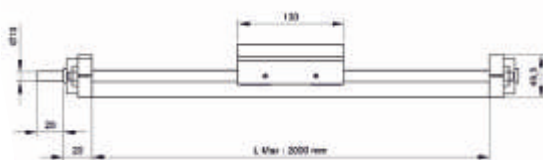
TIMH
BallScrew (16-04 mm)

TIMH
BallScrew (16-16 mm)

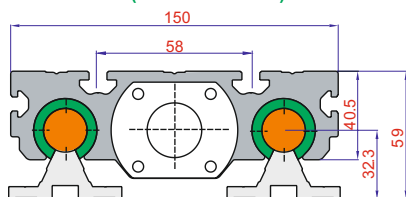
EXTRA SPARE PARTS
Plate (16 UUOP Bearing)
1 τεμάχιο

TIMH

* Prices are given according to block with linear bearing



DKVM BallScrew Module Ø20
(L MAX 3000 mm)



Loading Capacity

DKVM		
Load	20	
■ F _x	(N)	618
■ F _y	(N)	1744
■ F _z	(N)	2180
Moment		
■ M _x	(Nm)	228
■ M _y	(Nm)	195
■ M _z	(Nm)	204

ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ
500 mm
1000 mm
2000 mm
3000 mm

TIMH
BallScrew (20-05 mm)

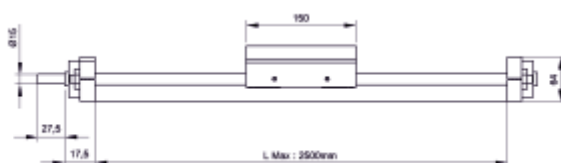
TIMH
BallScrew (20-04 mm)

TIMH
BallScrew (20-20 mm)

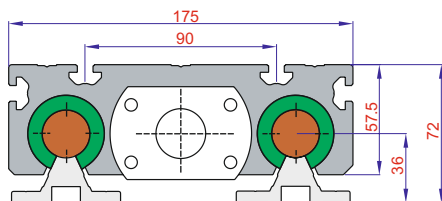
EXTRA SPARE PARTS
Plate (20 UUOP Bearing)
1 τεμάχιο

TIMH

* Prices are given according to block with linear bearing.



DKVM Ballscrew Module Ø25
(L MAX 3700 mm)



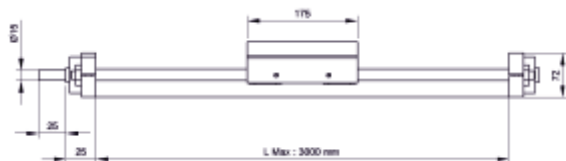
Loading Capacity

Load	DKVM 25	
F_x (N)	713	
F_y (N)	2323	
F_z (N)	2904	
Moment		
M_x (Nm)	360	
M_y (Nm)	234	
M_z (Nm)	224	

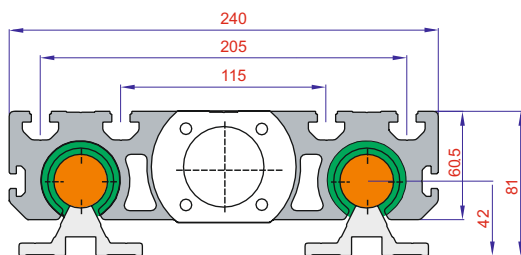
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH Ballscrew (25-05 mm)	TIMH Ballscrew (25-10 mm)	TIMH Ballscrew (25-25 mm)
500 mm			
1000 mm			
2000 mm			
3000 mm			
3700 mm			

EXTRA SPARE PARTS		TIMH
Plate (25 UUOP Bearing)	1 τεμάχιο	
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο	

* Prices are given according to block with linear bearing .



DKVM Ballscrew Module Ø30
(L MAX 3630 mm)



Loading Capacity

Load	DKVM 30	
F_x (N)	912	
F_y (N)	2950	
F_z (N)	3450	
Moment		
M_x (Nm)	410	
M_y (Nm)	290	
M_z (Nm)	280	

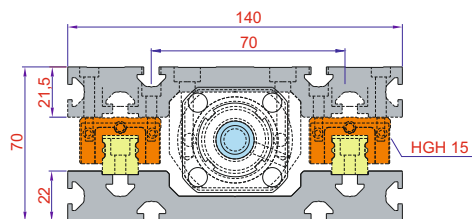
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH Ballscrew (32-05 mm)	TIMH Ballscrew (32-10 mm)
500 mm		
1000 mm		
2000 mm		
3000 mm		
3630 mm		

EXTRA SPARE PARTS		TIMH
Plate (30 UUOP Bearing)	1 τεμάχιο	
G95 Flange + JM 55 Coupling mounting	1 τεμάχιο	

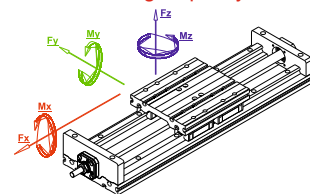
* Prices are given according to block with linear bearing.



DKZM Ballscrew Z Axis Module 15
(L MAX 1000 mm)



Loading Capacity



Load	Static	DKZM 15	DKZM 15
		2 TROLLEY	4 TROLLEY
F_x (N)	(N)	1045	2020
F_y (N)	(N)	1080	2080
F_z (N)	(N)	1520	3020
Moment			
M_x (Nm)	(Nm)	410	410
M_y (Nm)	(Nm)	290	290
M_z (Nm)	(Nm)	290	440

PLATE LENGHT 150

PLATE LENGHT 150

ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ
200 mm
400 mm
600 mm
800 mm
1000 mm

TIMH
Ballscrew (16-05 mm)

TIMH
Ballscrew (16-16 mm)

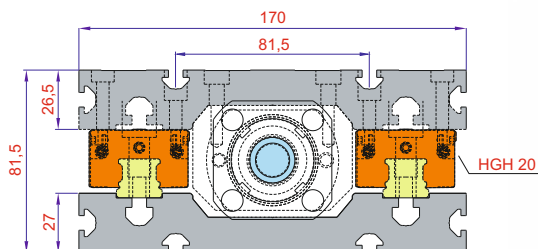
EXTRA SPARE PARTS

Block With 4 Linear	1 τεμάχιο
G60 Flange + JM 30 Coupling mounting	1 τεμάχιο
G80 Flange + JM 40 Coupling mounting	1 τεμάχιο

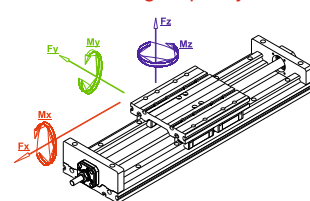
TIMH

NOT: Prices are given according to module with 4 Linear block. There will be decrease 80 € on list price for double block
 * Διατίθεται και με 120 mm Plate Length
 ** Διατίθεται και με THK τα Linear Rail

DKZM Ballscrew Z Axis Module 20
(L MAX 1000 mm)



Loading Capacity



Load	Static	DKZM 20	DKZM 20
		2 TROLLEY	4 TROLLEY
F_x (N)	(N)	2235	3680
F_y (N)	(N)	1925	4400
F_z (N)	(N)	2580	5760
Moment			
M_x (Nm)	(Nm)	650	650
M_y (Nm)	(Nm)	440	290
M_z (Nm)	(Nm)	440	290

PLATE LENGHT 200

PLATE LENGHT 200

ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ
200 mm
400 mm
600 mm
800 mm
1000 mm

TIMH
Ballscrew (20-05 mm)

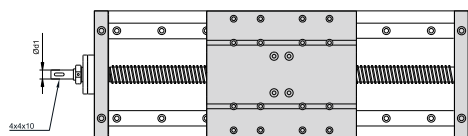
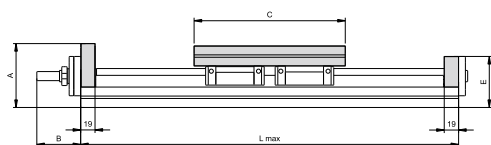
TIMH
Ballscrew (20-20 mm)

EXTRA SPARE PARTS

Block With 4 Linear	1 τεμάχιο
G85 Flange + JM 40 Coupling mounting	1 τεμάχιο
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο

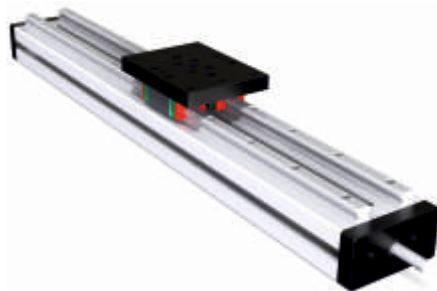
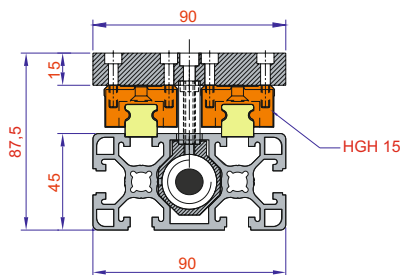
TIMH

NOT: Prices are given according to module with 4 Linear block. There will be decrease 100 € on list price for double block
 * Διατίθεται και με 150 mm Plate Length
 ** Διατίθεται και με THK τα Linear Rail



PRODUCT NAME	BALLSCREW	A	B	C	ØD	Ød1	E	F	G	H	K	K1	L max
DKZM 15	16 - 05	77,5	49	150	16	12	57,5	22	21,5	70	140	70	2000
DKZM 20	20 - 05	84,5	58	200	20	12	67,5	27	26,5	81,5	170	85	2500
DKZM 15	16 - 16	77,5	49	150	16	12	57,5	22	21,5	70	140	70	2000
DKZM 20	20 - 20	84,5	58	200	20	12	67,5	27	26,5	81,5	170	85	2500

Ballscrew Spot Module 45x90
(L MAX 1000 mm)

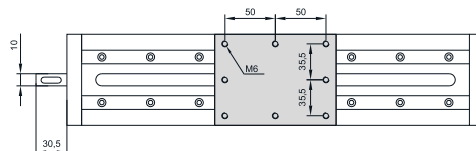
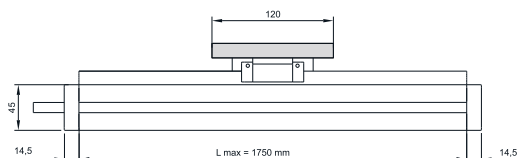


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
200 mm	Ball screw (12-05 mm)
400 mm	
600 mm	
800 mm	
1000 mm	

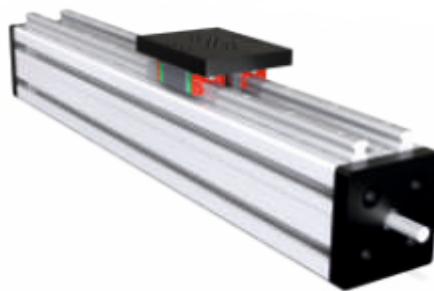
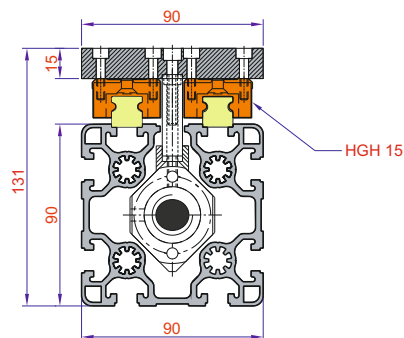
EXTRA SPARE PARTS	TIMH
Block With Linear	1 τεμάχιο
G60 Flange + JM 30 Coupling mounting	1 τεμάχιο
G80 Flange + JM 40 Coupling mounting	1 τεμάχιο

Loading Capacity

Load	Static	45x90
F_x (N)	(N)	725
F_y (N)	(N)	878
F_z (N)	(N)	1157
Moment		
M_x (Nm)	(Nm)	110
M_y (Nm)	(Nm)	70
M_z (Nm)	(Nm)	75



Ballscrew Spot Module 90x90
(L MAX 1200 mm)

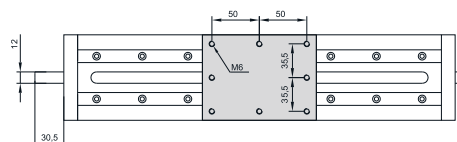
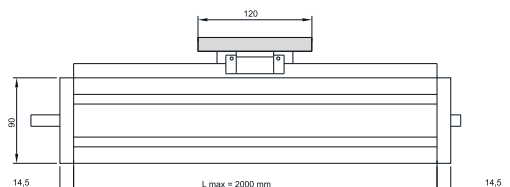


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
200 mm	Ball screw (16-05 mm)
400 mm	
600 mm	
800 mm	
1000 mm	
1200 mm	

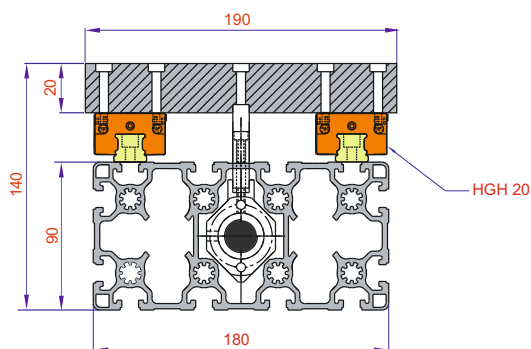
EXTRA SPARE PARTS	TIMH
Block With Linear	1 τεμάχιο
G80 Flange + GS19 Coupling mounting	1 τεμάχιο

Loading Capacity

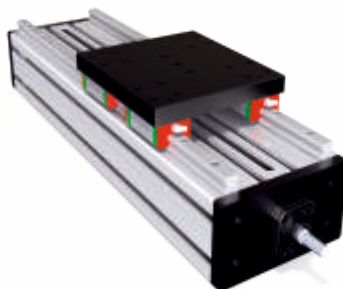
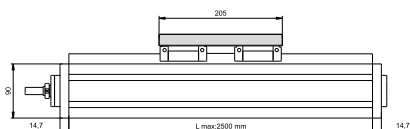
Load	Static	90x90
F_x (N)	(N)	975
F_y (N)	(N)	878
F_z (N)	(N)	1157
Moment	(Nm)	
M_x (Nm)	(Nm)	140
M_y (Nm)	(Nm)	80
M_z (Nm)	(Nm)	95



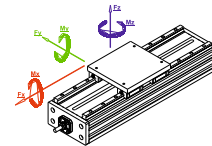
Linear Spot Module 90x180
(L MAX 3000 mm)



ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
500 mm	Ball screw (20-05 mm)
1000 mm	
1500 mm	
2000 mm	
3000 mm	

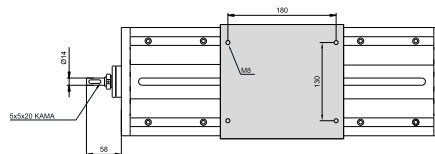


Loading Capacity

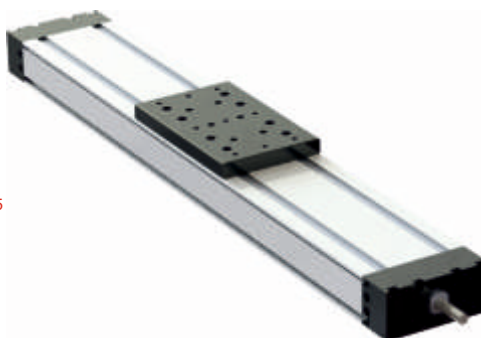
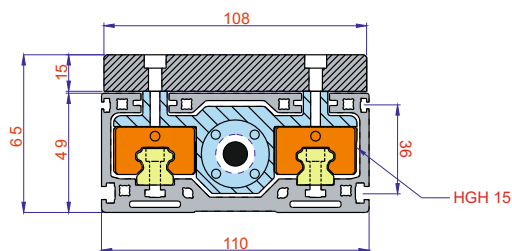


Load	Static	
F_x (N)	975	
F_y (N)	878	
F_z (N)	1157	
Moment (Nm)	140	
M_x (Nm)	80	
M_y (Nm)	95	

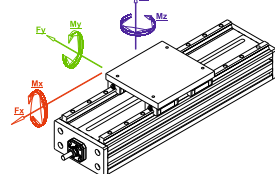
EXTRA SPARE PARTS		TIMH
Block With Linear	1 τεμάχιο	
G95 Flange + JM 55 Coupling mounting	1 τεμάχιο	
G120 Flange + JM 55 Coupling mounting	1 τεμάχιο	



Ballscrew Bridge Module 50x110
(L MAX 2000 mm)

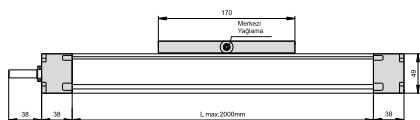


Loading Capacity



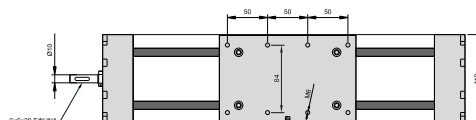
Load	Static	dynamic
F_x (N)	52000	
F_y (N)	47000	
F_z (N)	56400	
Moment (Nm)	1086	
M_x (Nm)	1374	
M_y (Nm)	1374	

	PLATE LENGTH 170	PLATE LENGTH 80
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH	TIMH
500 mm	Ball screw (16-05 mm)	Ball screw (16-05 mm)
1000 mm		
2000 mm		

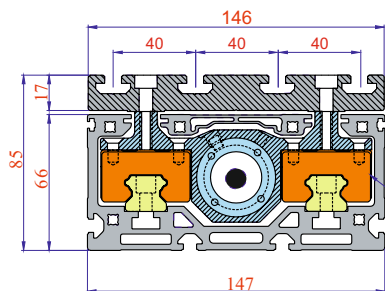


EXTRA SPARE PARTS		TIMH
G80 Flange + JM 40 Coupling mounting	1 τεμάχιο	
G85 Flange + JM 40 Coupling mounting	1 τεμάχιο	

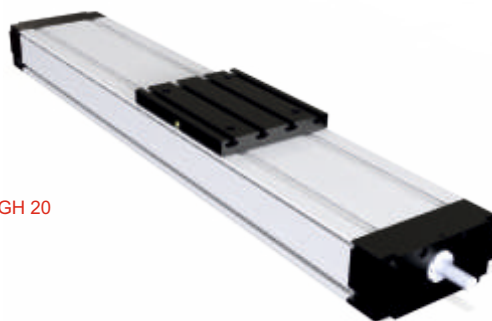
NOTE: Prices are given according to single block.
There will be added 130 € in list price for double blocked plate.



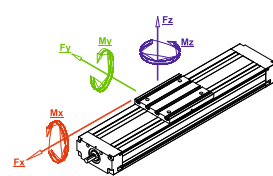
Ballscrew Bridge Module 65x145
(L MAX 3750 mm)



HGH 20



Loading Capacity



Load	Static (N)	Dynamic
■ F _x	(N)	52000
■ F _y	(N)	47000
■ F _z	(N)	56400
Moment		
■ M _x	(Nm)	550
■ M _y	(Nm)	380
■ M _z	(Nm)	380

PLATE LENGTH
185

TIMH

ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ
500 mm
1000 mm
2000 mm
3000 mm
3750 mm

Ball screw (25-05 mm)

PLATE LENGTH
185

TIMH

Ball screw (20-20 mm)

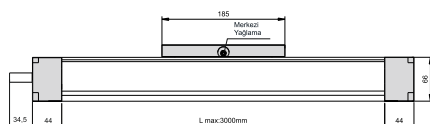
EXTRA SPARE PARTS

G95 Flange + JM 40 Coupling mounting	1 τεμάχιο
G95 Flange + JM 55 Coupling mounting	1 τεμάχιο

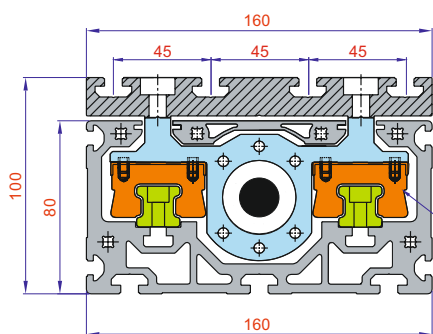
TIMH

NOTE: Prices are given according to single block.
There will be added 130 € in list price for double blocked plate.

ΔΙΑΤΙΘΕΤΑΙ ΚΑΙ ΜΕ PLATE LENGTH 85 mm



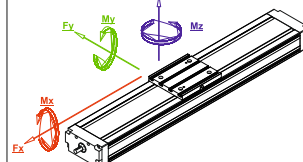
Linear Compact Module 80x160
(L MAX 3800 mm)



HGH 20



Loading Capacity



Load	Static (N)	Dynamic
■ F _x	(N)	43000
■ F _y	(N)	45000
■ F _z	(N)	56400
Moment		
■ M _x	(Nm)	650
■ M _y	(Nm)	440
■ M _z	(Nm)	440

PLATE LENGTH
185

TIMH

ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ
500 mm
1000 mm
2000 mm
3000 mm
3800 mm

Ball screw (25-10 mm)

PLATE LENGTH
185

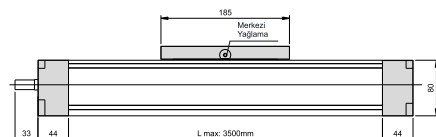
TIMH

Ball screw (20-20 mm)

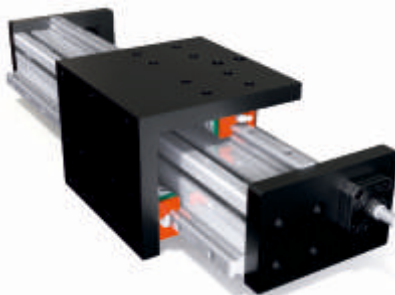
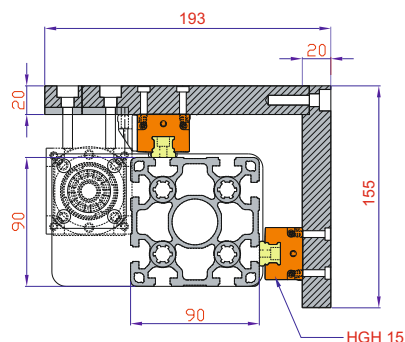
EXTRA SPARE PARTS

G95 Flange + JM 40 Coupling mounting	1 τεμάχιο
G120 Flange + JM 40 Coupling mounting	1 τεμάχιο

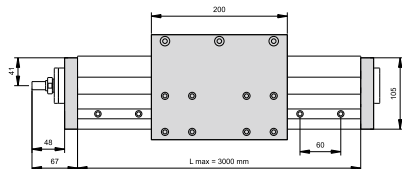
TIMH



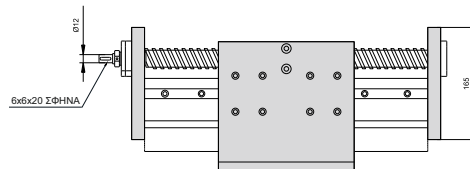
Ballscrew Bridge Module 90x90 (L MAX 3800 mm)



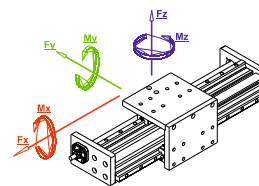
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
1000 mm	Ball screw (25-10 mm)
2000 mm	
3000 mm	
3800 mm	



EXTRA SPARE PARTS	TIMH
Block Angle With Linear	1 τεμάχιο
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο

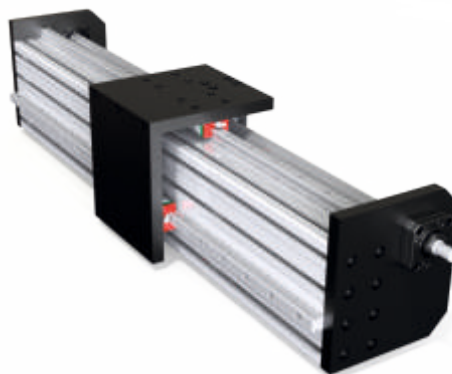
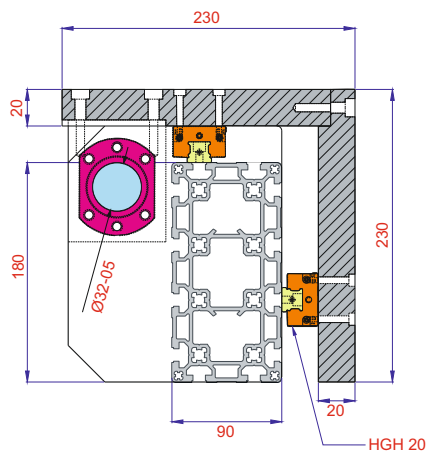


Loading Capacity

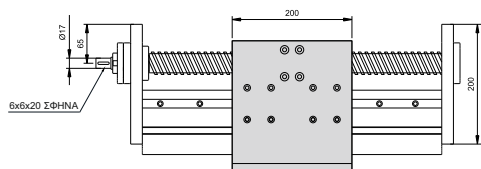


Load	Static	
F_x (N)	1850	
F_y (N)	2750	
F_z (N)	2750	
Moment		
M_x (Nm)	460	
M_y (Nm)	325	
M_z (Nm)	325	

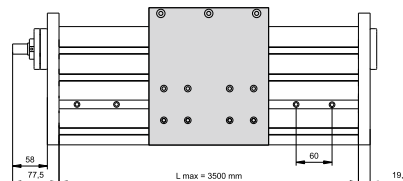
Linear Spot Module 90x180 (L MAX 3800 mm)



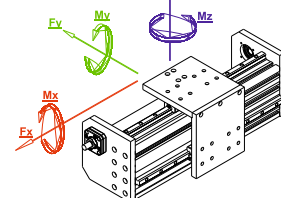
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH	TIMH
1000 mm	Ball screw (32-05 mm)	Ball screw (32-32 mm)
2000 mm		
3000 mm		
3800 mm		



EXTRA SPARE PARTS	TIMH
Block Angle With Linear	1 τεμάχιο
G95 Flange + JM 55 Coupling mounting	1 τεμάχιο
G120 Flange + JM 40 Coupling mounting	1 τεμάχιο

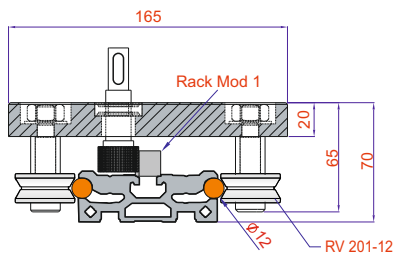


Loading Capacity

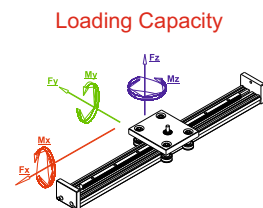


Load	Static	Ø32
F_x (N)	2050	
F_y (N)	4250	
F_z (N)	4250	
Moment		
M_x (Nm)	780	
M_y (Nm)	485	
M_z (Nm)	485	

Rack and Pinion Block Module Ø12
(L MAX 5850 mm)



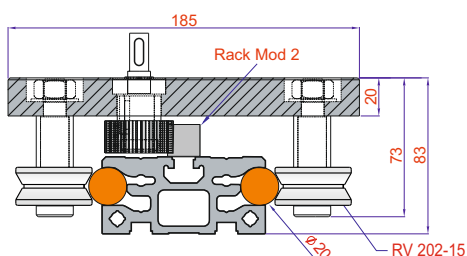
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5850 mm	



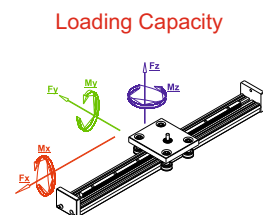
Load	Static (N)	Ø12
■ F _x	(N)	Ø12
■ F _y	(N)	870
■ F _z	(N)	1100
Moment		
■ M _x	(Nm)	70
■ M _y	(Nm)	65
■ M _z	(Nm)	75

EXTRA SPARE PARTS		TIMH
Block (4 Bearing) RV 201-12	1 τεμάχιο	
G80 Flange + JM 40 Coupling mounting	1 τεμάχιο	

Rack and Pinion Block Module Ø20
(L MAX 5830 mm)

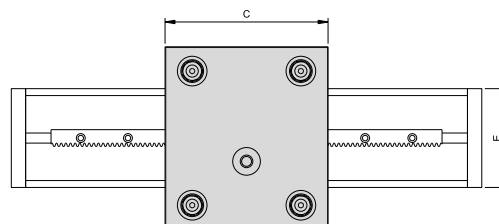
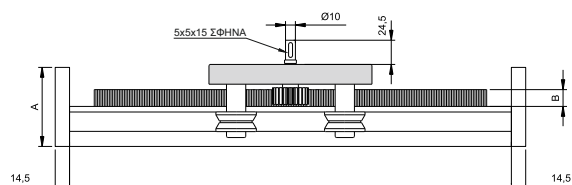


ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5830 mm	



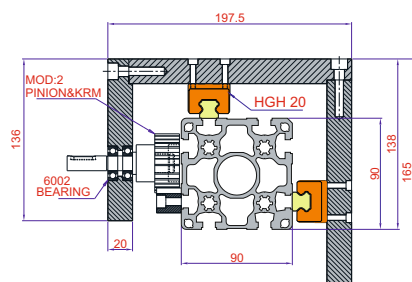
Load	Static (N)	Ø20
■ F _x	(N)	Ø20
■ F _y	(N)	1260
■ F _z	(N)	1270
Moment		
■ M _x	(Nm)	95
■ M _y	(Nm)	85
■ M _z	(Nm)	115

EXTRA SPARE PARTS		TIMH
Block (4 Bearing) RV 202-15	1 τεμάχιο	
G80 Flange + ξμ 40 Coupling mounting	1 τεμάχιο	



PRODUCT NAME	A	B	C	ØD	E	F	G	H	K	L	ROLLER
Ø12 RACK & PINION MODULE	70	15X15 - MOD1	145	12	90	165	70,5	40,5	82	22,6	RV 201-12
Ø20 RACK & PINION MODULE	80	17X17 - MOD1,5	165	20	100	185	83	30	86	28	RV 202-15

Rack and Pinion Bridge Module 90x90
(L MAX 5830 mm)



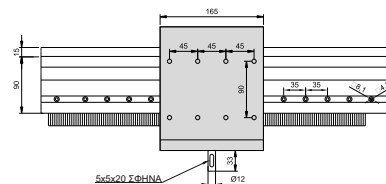
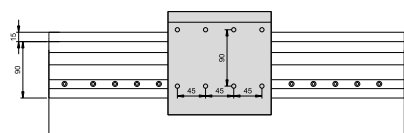
Loading Capacity

Load	Static	
F_x (N)	(N)	
F_y (N)	(N)	2125
F_z (N)	(N)	2125
Moment		
M_x (Nm)	(Nm)	230
M_y (Nm)	(Nm)	165
M_z (Nm)	(Nm)	165

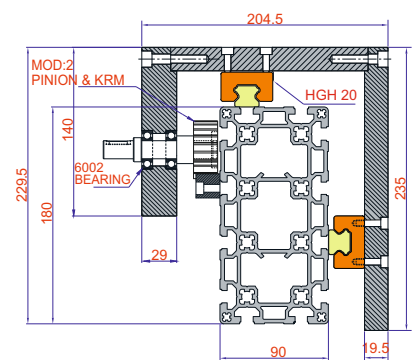
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5830 mm	

EXTRA SPARE PARTS	
Block With Linear	1 τεμάχιο
G95 Flange + JM 40 Coupling mounting	1 τεμάχιο
G95 Flange + JM 55 Coupling mounting	1 τεμάχιο

TIMH



Rack and Pinion Bridge Module 90x180
(L MAX 5780 mm)



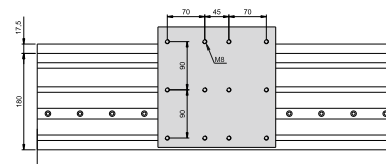
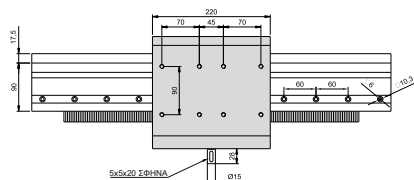
Loading Capacity

Load	Static	
F_x (N)	(N)	
F_y (N)	(N)	2450
F_z (N)	(N)	2450
Moment		
M_x (Nm)	(Nm)	390
M_y (Nm)	(Nm)	1245
M_z (Nm)	(Nm)	245

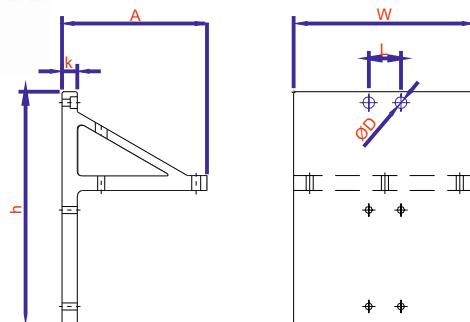
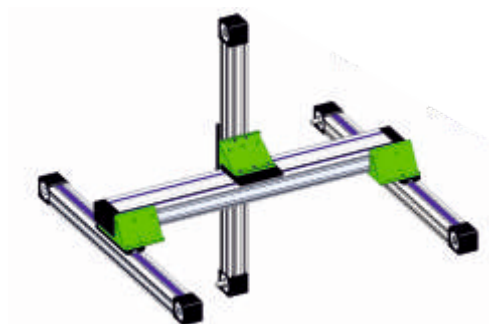
ΚΑΘΑΡΗ ΔΙΑΔΡΟΜΗ	TIMH
1000 mm	
2000 mm	
3000 mm	
4000 mm	
5000 mm	
5780 mm	

EXTRA SPARE PARTS	
Block With Linear	1 τεμάχιο
G95 Flange + JM 55 Coupling mounting	1 τεμάχιο
G120 Flange + JM 40 Coupling mounting	1 τεμάχιο

TIMH

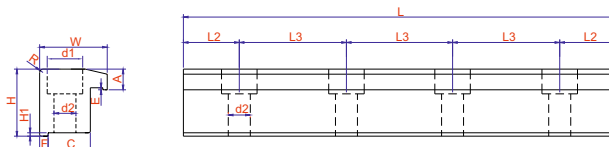
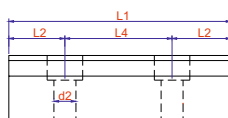
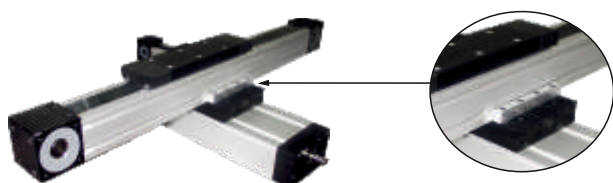


X-Y, Y-Z Axis Adapter



ΚΩΔΙΚΟΣ	TYPE	Point of Contact	h	ØD	k	W	A	L	TIMH
AA 64	X-Y, Y-Z Axis Adapter	80x80 - 64x64 Compact	218	8,5	14	170	110	30	
AA 80	X-Y, Y-Z Axis Adapter	80x80 - 80x160 Compact	218	8,5	14	200	110	60	
AA 100	X-Y, Y-Z Axis Adapter	100x100 - 100x100 Bridge Compact	218	8,5	14	200	140	75	
AA 160	X-Y, Y-Z Axis Adapter	80x160 - 80x80 Compact 3- Axis	218	6,5	14	170	140	60	

Module Connection Adapter



ΚΩΔΙΚΟΣ	TYPE	H	H1	d2	d1	E	A	R	W	C	L	L1	L2	L3	L4	F	TIMH
MCA 80	80 x 80 - 64 x 64 Module Connection Adapter	19,8	1	6,5	10,5	0,5	6	0,5	20	12,5	160	-	12,5	45	60	2,5	
MCA 100	100 x 100 Module Connection Adapter	30,3	1	6,5	10,5	0,5	6	0,5	20	12,5	-	85	12,5	-	60	2,5	
MCA 45	45 x 45 Module Connection Adapter	22,9	1	6,5	10,5	-	5,5	0,5	20	12,5	-	85	12,5	-	60	2,5	
MCA 160	80 x 160 Module Connection Adapter	14,3	1	6,5	10,5	0,5	6	0,5	20	12,5	160	-	12,5	45	60	2,5	
MCA 145	65 x 145 Module Connection Adapter	14,5	1	6,5	10,5	0,5	6	0,5	20	12,5	145	-	12,5	40	-	2,5	
MCA 110	50 x 110 Module Connection Adapter	10,5	1	6,5	10,5	0,5	6	0,5	20	12,5	-	60	10	-	40	2,5	

AREL SPINDLE MOTOR



ΚΩΔΙΚΟΣ	TYPE	POWER	MAX CYRCLE (rpm)	CLAMP	GUIDANCE
ARFM. 1Y-M4	ARFM. 1Y-M4	0,75 KW	24.000	ER 16	STEEL BEARING
ARFM. 2Y-M3	ARFM. 2Y-M3	1,4 KW	18.000	ER 20	STEEL BEARING
ARFM. 3Y-S3	ARFM. 3Y-S3	2,2 KW	18.000	ER 20	STEEL BEARING
ARFM. 3Y-L3	ARFM. 3Y-L3	4 KW	18.000	ER 20	STEEL BEARING
ARFM. 4K-M3	ARFM. 4K-M3	5,5 KW	18.000	ER 32	CERAMIC BEARING
ARFM. 4K-L3	ARFM. 4K-L3	7,5 KW	18.000	ER 32	CERAMIC BEARING

TIMH

SPINDLE INVERTER



ΚΩΔΙΚΟΣ	TYPE	POWER	MAX. FREQUENCY	PERFORMANCE VOLTAGE
S310-0,75	S310-0,75	0,75 KW	400 HZ	220 V - SINGLE PHASE
S310-1,5	S310-1,5	1,5 KW	400 HZ	220 V - SINGLE PHASE
L510-2,2	L510-2,2	2,2 KW	400 HZ	220 V - SINGLE PHASE
N3-3,7	N3-3,7	3,7-4 KW	400 HZ	380 V - THREE PHASE
N3-5,5	N3-5,5	5,5 KW	400 HZ	380 V - THREE PHASE
N3-7,5	N3-7,5	7,5 KW	400 HZ	380 V - THREE PHASE
N3-11	N3-11	11 KW	400 HZ	380 V - THREE PHASE
N3-15	N3-15	15 KW	400 HZ	380 V - THREE PHASE

TIMH

- Στις παραπάνω τιμές δεν περιλαμβάνεται ο Φ.Π.Α.
- Τρόπος πληρωμής μετρητοίς
- Τα μεταφορικά επιβαρύνουν τον πελάτη
- Ο παρών τιμοκατάλογος καταργεί τον προηγούμενο
- Στα προφίλ και στα γραμμικά συστήματα δεν γίνονται επιστροφές
- Στα εξαρτήματα οι επιστροφές θα γίνονται κατόπιν συνεννόησης
- Χρόνος παράδοσης κατόπιν συνεννόησης
- Η εταιρία δεν φέρει καμία ευθύνη για τυχόν φθορές από την μεταφορά

ΑΡΙΘΜΟΣ ΛΟΓΑΡΙΑΣΜΟΥ ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ - ΑΦΟΙ ΜΕΪΜΑΡΙΔΗ Ο.Ε.:

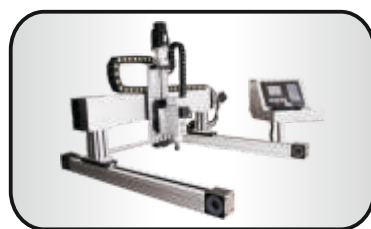
Αρ. λογ.: 5242 0035 75529

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(ΣΤΡΑΝΤΖΑ - ΨΑΛΙΔΙ - ΚΥΛΙΝΔΡΟΣ - ΠΑΝΤΟΓΡΑΦΟΣ)



 **luminium**
Profile



ΑΦΟΙ ΜΕΪΜΑΡΙΔΗ Ο.Ε.



Σταδίου 97
Βέροια



23310 23342
23310 23178



23310 67869



www.meimaridis.gr



info@meimaridis.gr