

LISHUI YONGRUN PRECISION MACHINERY CO.,LTD



Mail: yongrun@lsyongrun.com



Tel: +86-578-2951868

Mob: +86 18042376316

Wechat/Whatsapp: +86 18042376316



Fax: +86-578-2951868



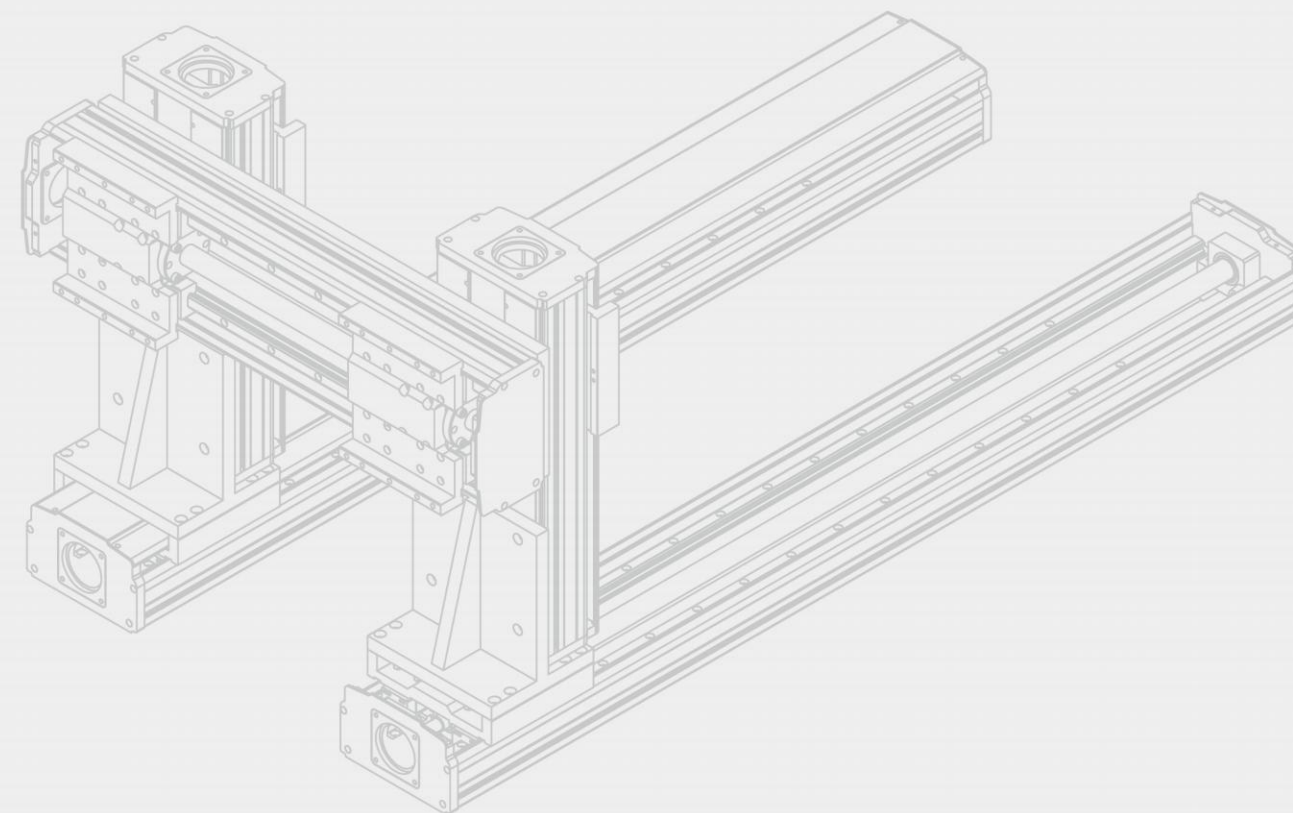
Web: <https://www.lsyongrun.com>

<https://www.cnballscrew.com>

<https://lsyongrun.en.alibaba.com>



Address: Building 26, No.95, Tongji Street, Lishui, Zhejiang, China



YONGRUN

ENTERPRISE ALBUM

PRODUCT MANUAL



LISHUI YONGRUN PRECISION MACHINERY CO.,LTD

COMPANY PROFILE



Lishui Yongrun Precision Machinery Co., Ltd

Established in 2002, Lishui Yongrun Precision Machinery Co., Ltd is located in Lishui, Zhejiang Province, China, covering an area of more than 10,000 square meters. The company has more than 100 employees, including more than 20 senior technical staff. With the integration of R&D, production, sales and application services, we specialize in the production of linear rail, ball screw, linear module, linear optical axis, linear bearings, roller needle bearings, rod end joint bearings and a series of high-precision, high-tech linear transmission products. Many of these have been granted national patents and have reached a number of international testing and certification standards.

Our products are widely used in automated machinery and equipment, such as machine tools, printing machinery, chemical machinery, medical machinery, woodworking machinery and robots, etc. Our company is in the leading position of the industry in terms of production capacity, technical level, product quality and service level. Constantly focusing on Product Quality and Customer Satisfaction, we have established long-time cooperation relationships with customers from all over the world, including Asia, Europe, Africa, North America, South America and many other regions and countries, and have won customers' agreed recognition and praise!

We insist on high quality products, sufficient supplies, fast transactions and efficient services! Lishui Yongrun Precision Machinery Company is in pursuit of excellence and winning through innovation! Our goal is to help customers create value.

We are dedicated to providing our clients with quality products and services!

We sincerely hope we will work together for a better future.

Qualification Certificate and Patent



Product Introduction



Linear Guideway



Ball Screw



Linear Module



YKK Module



Linear Shaft



SBR/TBR Unit



SC Linear Block



Linear Bearing

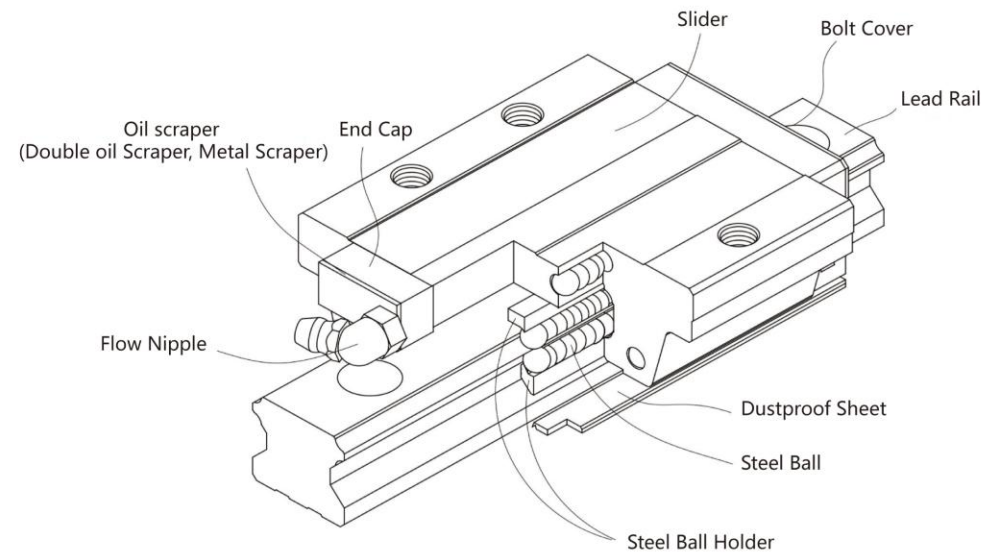


Rod End Bearing

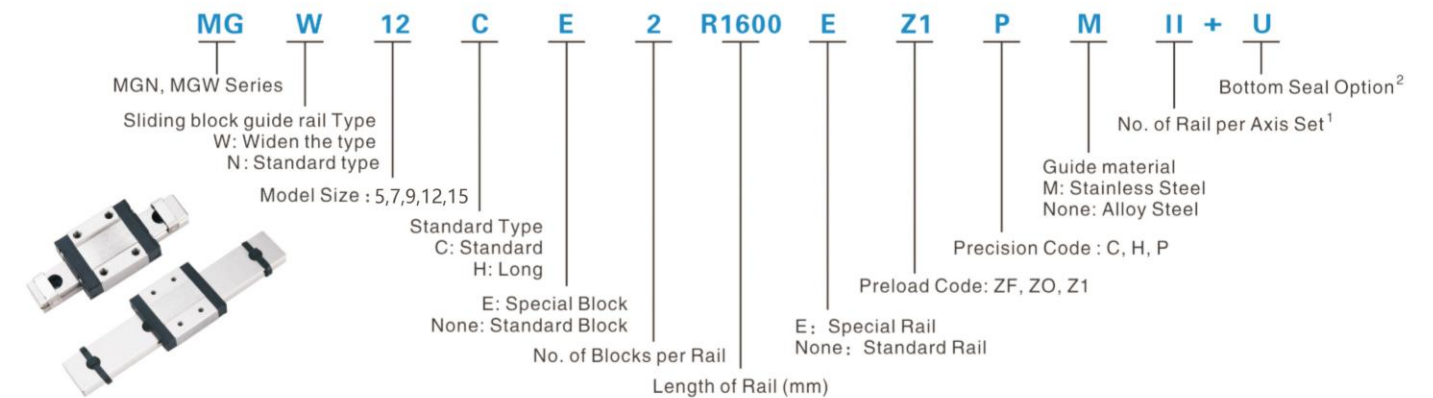
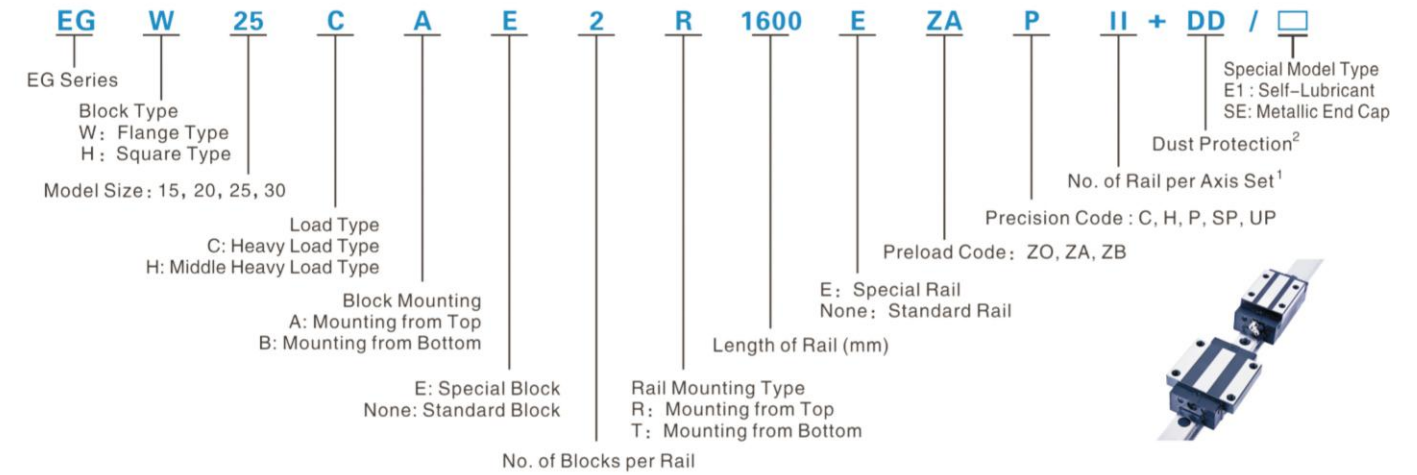
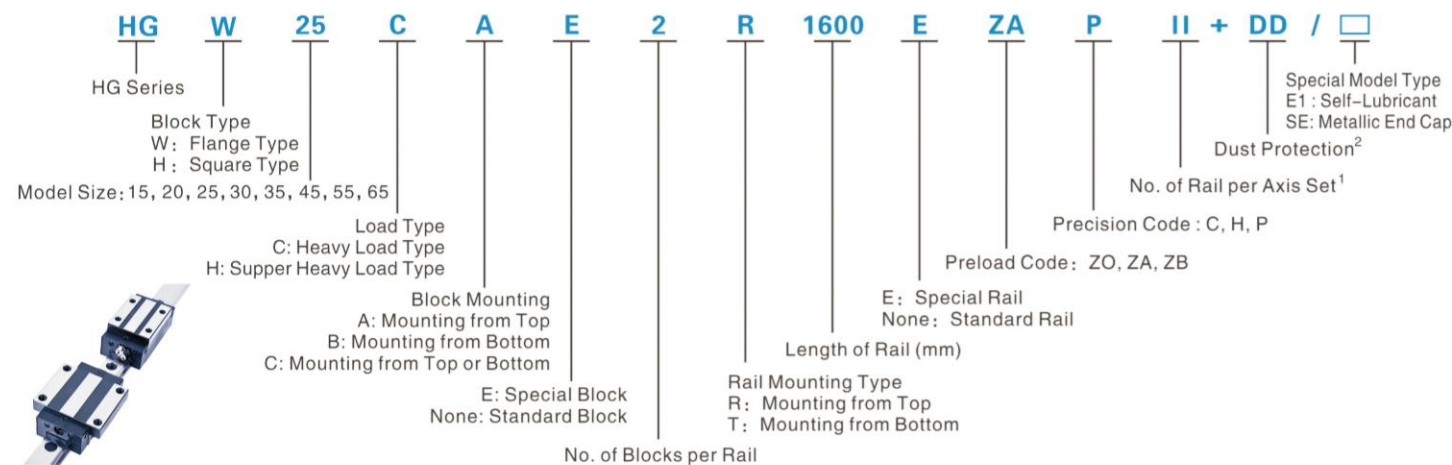
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Linear Guideway



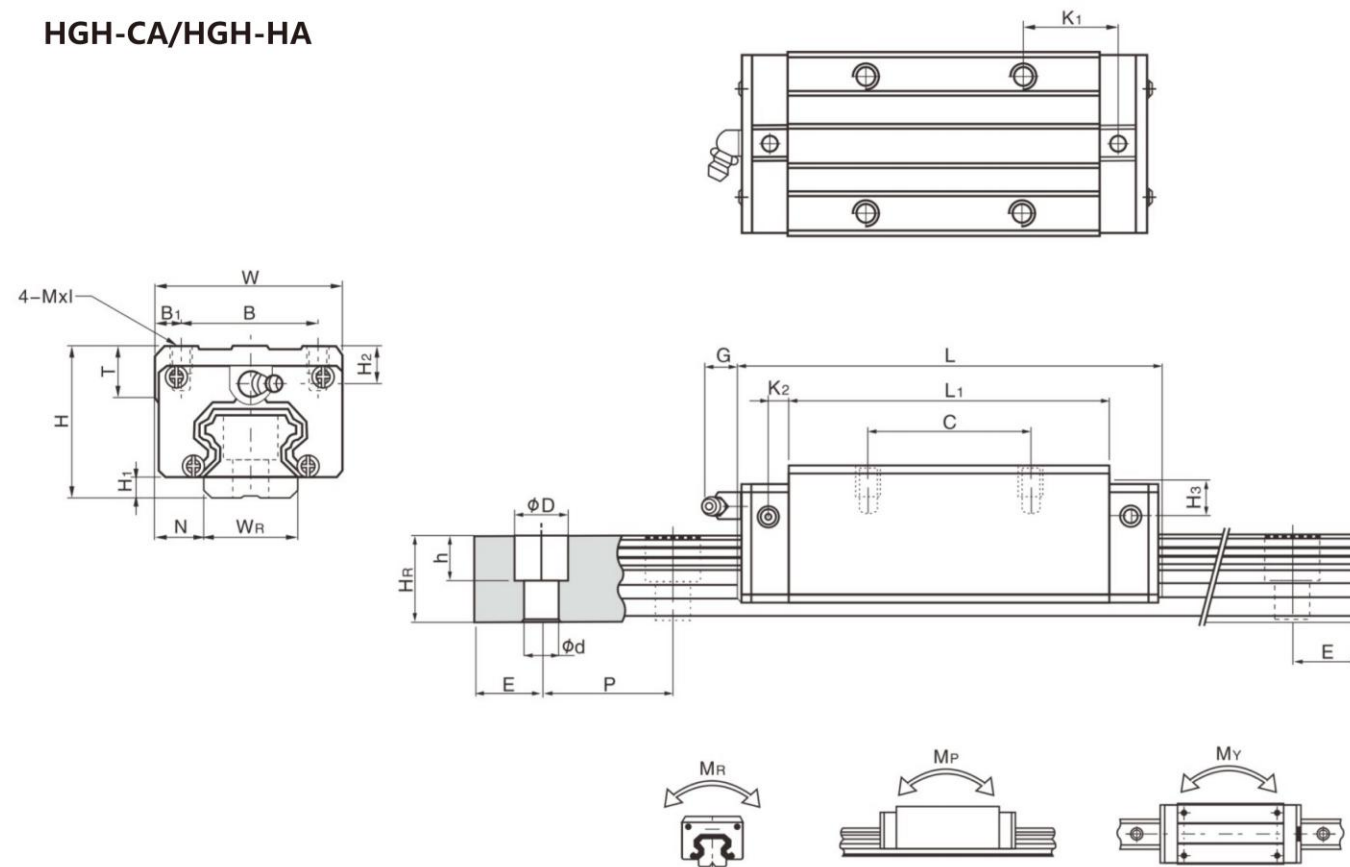
- Rolling circulation system: slider, guide rail, end cover, steel ball, steel ball holder
- Lubrication system: oil nozzle, oil pipe joint
- Dust prevention system: oil scraper, bottom dust dust filter, guide rail bolt cover, metal scraper



- Note: 1. The roman numerals are used to express the number of matched rails used in one axis. When a single rail is used in an axis, no symbol is indicated.
2. No symbol indicateds standard protection(end seals and bottom seal).
- ZZ: End seals, bottom seal and scraper
- KK: Double seals, bottoms seal and scraper
- DD: Double seals and bottoms seal
- U: The bottom seal is available for MGN & MGW 12, 15.

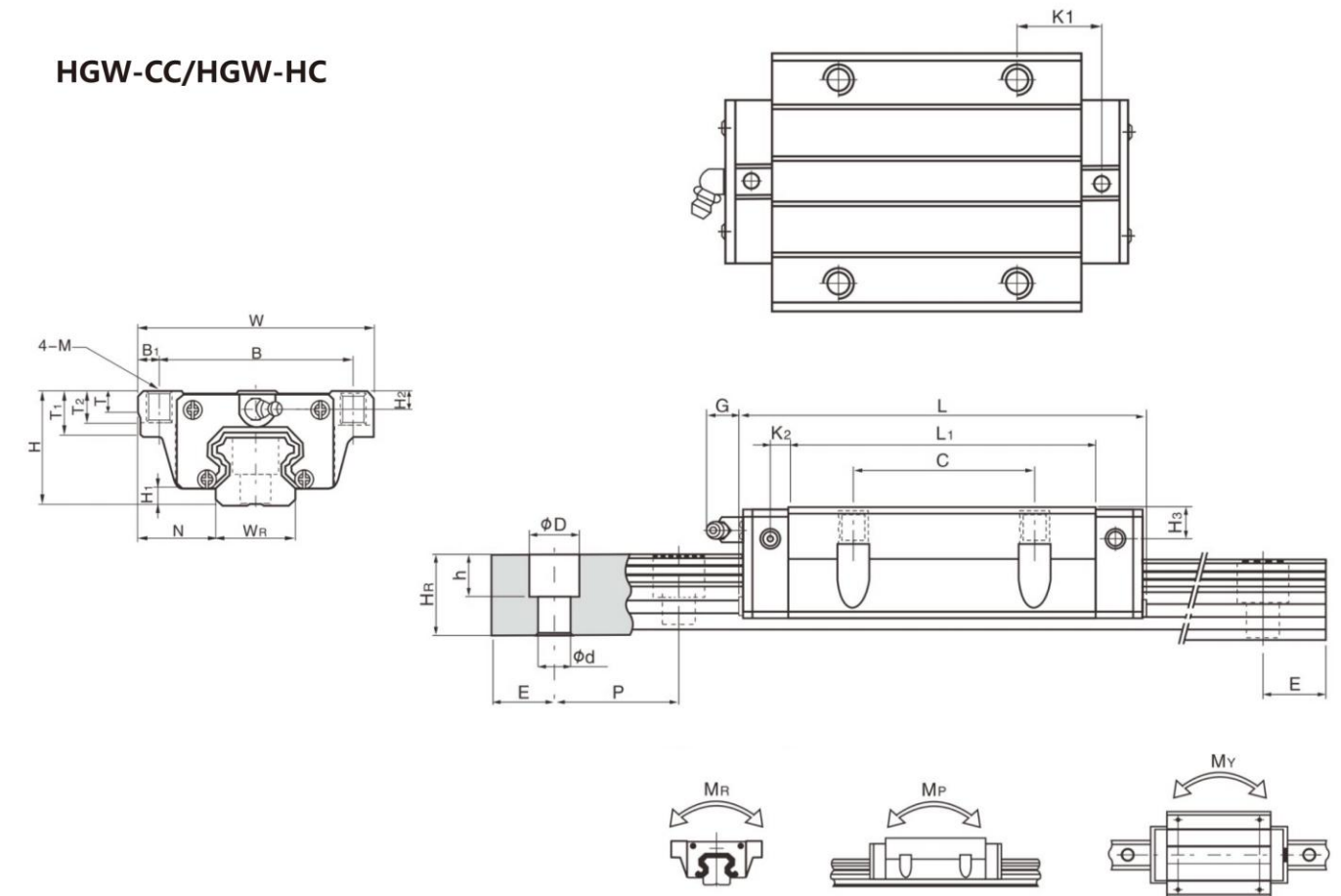
HG Series (Heavy Load Ball Type)

HGH-CA/HGH-HA



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)														Dimensions of Rail (mm)										Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
																															MR	MP	MY	Block	Rail
	H	H1	N	W	B	B1	C	L1	L	K1	K2	G	MxI	T	H2	H3	WR	HR	D	h	d	P	E	(mm)	C(kN)	CO(kN)	kN-m				kN-m	kN-m	kg	kg/m	
HGH15CA	28	4.3	9.5	34	26	4	26	39.4	61.4	10	4.85	5.3	M4 x 5	6	95	7.7	15	15	7.5	5.3	4.5	60	20	M4 x 16	11.38	16.97	0.12	0.10	0.10	0.18	1.45				
HGH20CA	30	4.6	12	44	32	6	36	50.5	77.5	12.25	6	12	M5 x 6	8	6	6	20	17.5	9.5	8.5	6	60	20	M5 x 16	17.75	27.76	0.27	0.20	0.20	0.30	2.21				
HGH20HA							50	65.2	92.2	12.6															21.18	35.90	0.35	0.35	0.35	0.39					
HGH25CA	40	5.5	12.5	48	35	6.5	35	58	84	15.7	6	12	M6 x 8	8	10	9	23	22	11	9	7	60	20	M6 x 20	26.48	36.49	0.42	0.33	0.33	0.51	3.21				
HGH25HA							50	78.6	104.6	18.5															32.75	49.44	0.56	0.57	0.57	0.69					
HGH30CA	45	6	16	60	40	10	40	70	97.4	20.25	6	12	M8 x 10	8.5	9.5	13.8	28	26	14	12	9	80	20	M8 x 25	38.74	52.19	0.66	0.53	0.53	0.88	4.47				
HGH30HA							60	93	120.4	21.75															42.27	69.16	0.88	0.92	0.92	1.16					
HGH35CA	55	7.5	18	70	50	10	50	80	112.4	20.6	7	12	M8x12	10.2	16	19.6	34	29	14	12	9	80	20	M8 x 25	49.52	69.16	1.16	0.81	0.81	1.45	6.30				
HGH35HA							72	105.8	138.2	22.5															60.21	91.63	1.54	1.40	1.40	1.92					
HGH45CA	70	9.5	20.5	86	60	13	60	97	139.4	23	10	12.9	M10 x 17	16	18.5	30.5	45	38	20	17	14	105	22.5	M12 x 35	77.57	102.71	1.98	1.55	1.55	2.73	10.41				
HGH45HA							80	128.8	171.2	28.9															94.54	136.46	2.63	2.68	2.68	3.61					
HGH55CA	80	13	23.5	100	75	12.5	75	117.7	166.7	27.35	11	12.9	M12 x 18	17.5	22	29	53	44	23	20	16	120	30	M14 x 45	114.44	148.33	3.69	2.64	2.64	4.17	15.08				
HGH55HA							95	155.8	204.8	36.4															139.35	196.20	4.88	4.57	4.57	5.49					
HGH65CA	90	15	31.5	126	76	25	70	144.2	200.2	43.1	14	12.9	M16 x 20	25	15	15	63	53	26	22	18	150	35	M16 x 50	163.63	215.33	6.65	4.27	4.27	7.00	21.18				
HGH65HA							120	203.6	259.6	47.8															208.36	303.13	9.38	7.38	7.38	9.82					

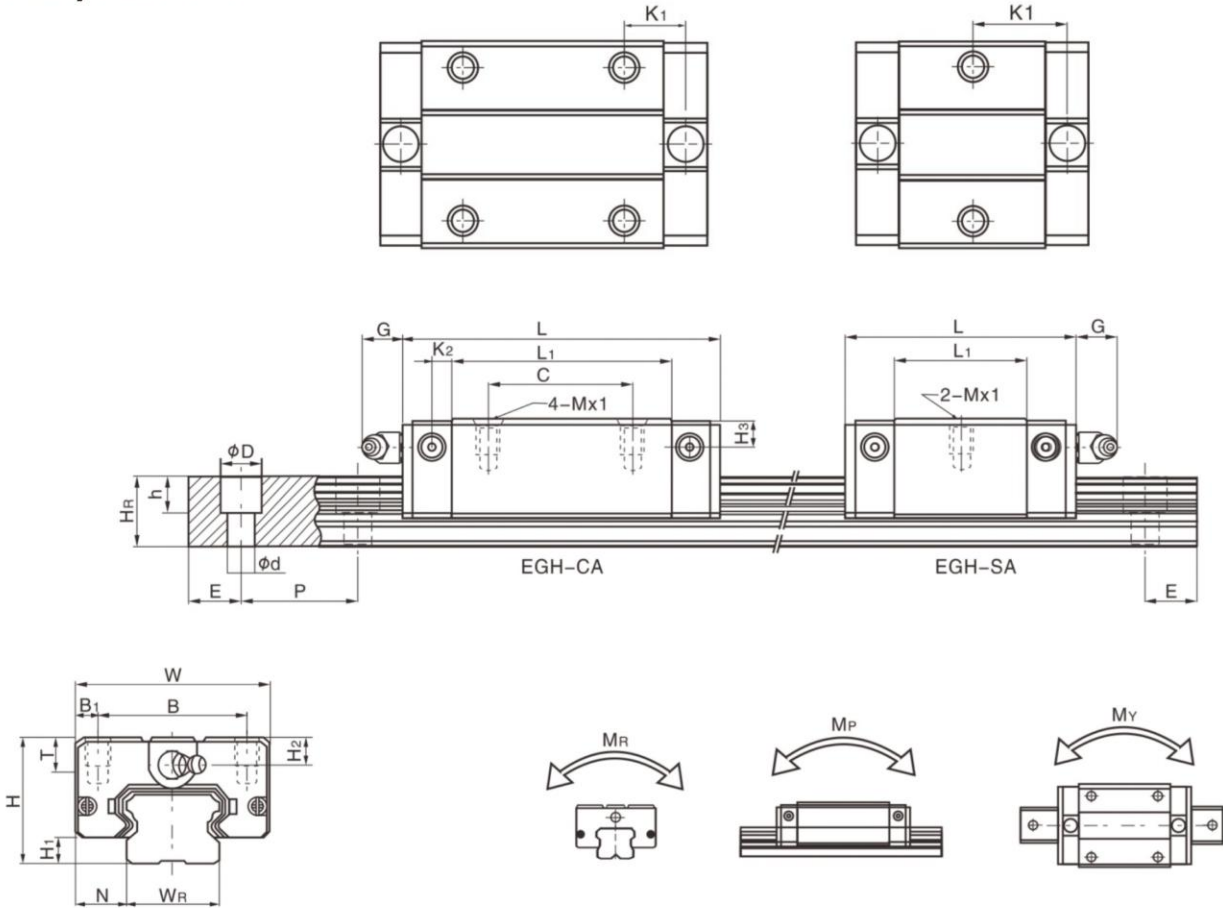
HGW-CC/HGW-HC



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)															Dimensions of Rail (mm)							Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
																													MR	MP	MY	Block	Rail
	H	H1	N	W	B	B1	C	L1	L	K1	K2	G	M	T	T1	T2	H2	H3	WR	HR	D	h	d	P	E				(mm)	C(kN)	Co(kN)	kN-m	kN-m
HGW15CC	24	4.3	16	47	38	4.5	30	39.4	61.4	8	4.85	5.3	M5	6	8.9	6.95	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4X16	11.38	16.97	0.12	0.10	0.10	0.17	1.45
HGW20CC	30	4.6	21.5	63	53	5	40	50.5	77.5	10.25	6	12	M6	8	10	9.5	6	6	20	17.5	9.5	8.5	6	60	20	M5X16	17.75	27.76	0.27	0.20	0.20	0.40	2.21
HGW20HC								65.2	92.2	17.6																	21.18	35.90	0.35	0.35	0.35	0.52	
HGW25CC	36	5.5	23.5	70	57	6.5	45	58	84	10.7	6	12	M8	8	14	10	6	5	23	22	11	9	7	60	20	M6X20	26.48	36.49	0.42	0.33	0.33	0.59	3.21
HGW25HC								78.6	104.6	21																	32.75	49.44	0.56	0.57	0.57	0.80	
HGW30CC	42	6	31	90	72	9	52	70	97.4	14.25	6	12	M10	8.5	16	10	6.5	10.8	28	26	14	12	9	80	20	M8X25	38.74	52.19	0.66	0.53	0.53	1.09	4.47
HGW30HC								93	120.4	25.75																	47.27	69.16	0.88	0.92	0.92	1.44	
HGW35CC	48	7.5	33	100	82	9	62	80	112.4	14.6	7	12	M10	10.1	18	13	9	12.6	34	29	14	12	9	80	20	M8X25	49.52	69.16	1.16	0.81	0.81	1.56	6.30
HGW35HC								105.8	138.2	27.5																	60.21	91.63	1.54	1.40	1.40	2.06	
HGW45CC	60	9.5	37.5	120	100	10	80	97	139.4	13	10	12.9	M12	15.1	22	15	8.5	20.5	45	38	20	17	14	105	22.5	M12X35	77.57	102.71	1.98	1.55	1.55	2.79	10.41
HGW45HC								128.8	171.2	28.9																	94.54	136.46	2.63	2.68	2.68	3.69	
HGW55CC	70	13	43.5	140	116	12	95	117.7	166.7	17.35	11	12.9	M14	17.5	26.5	17	12	19	53	44	23	20	16	120	30	M14X45	114.44	148.33	3.69	2.64	2.64	4.52	15.08
HGW55HC								155.8	204.8	36.4																	139.35	196.20	4.88	4.57	4.57	5.96	
HGW65CC	90	15	53.5	170	142	14	110	144.2	200.2	23.1	14	12.9	M16	25	37.5	23	15	15	63	53	26	22	18	150	35	M16X50	163.63	215.33	6.65	4.27	4.27	9.17	21.18
HGW65HC								203.6	259.6	52.8																	208.36	303.13	9.38	7.38	7.38	12.89	

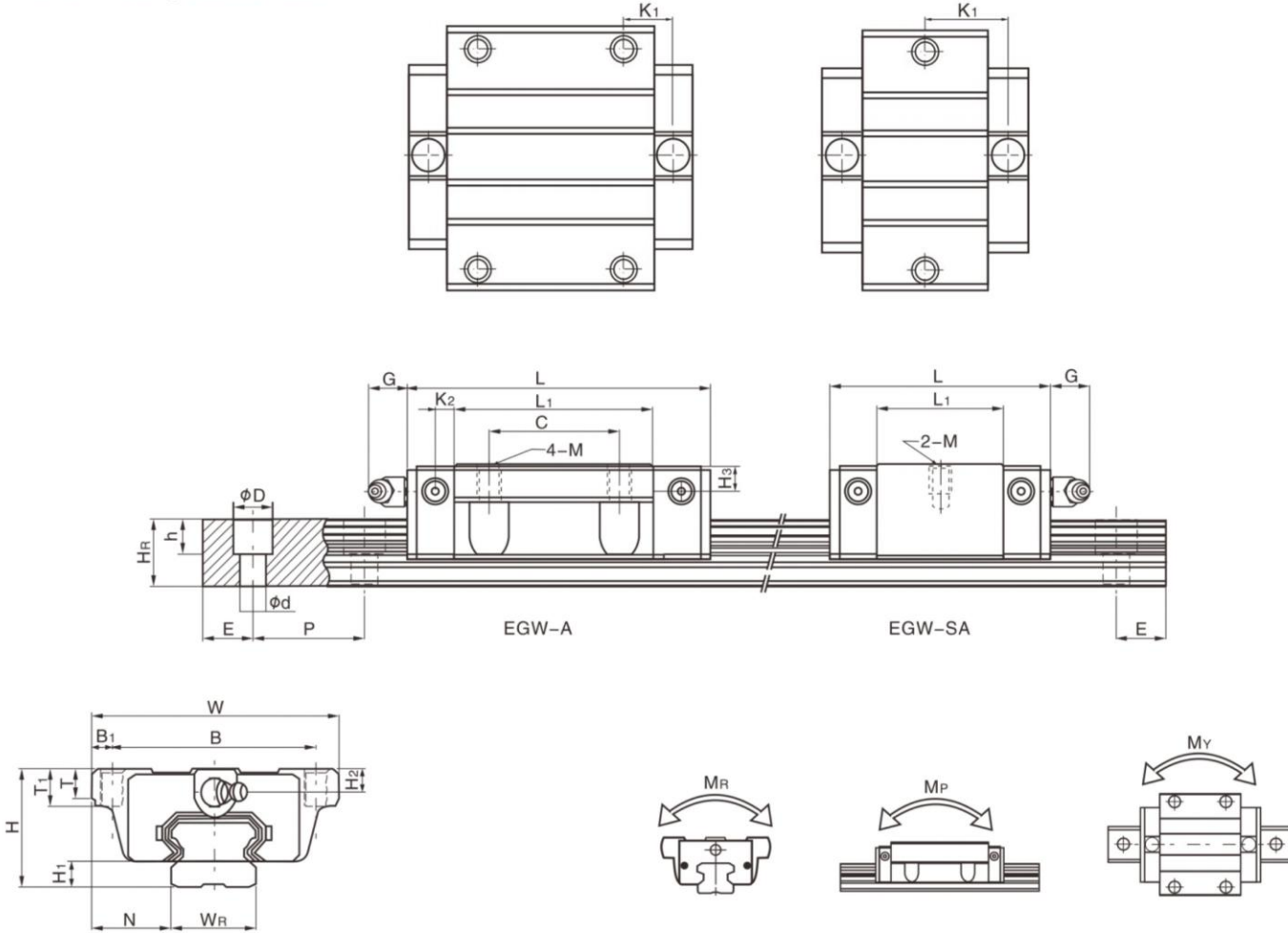
EG Series (Low Profile Ball Type)

EGH-SA/EGH-CA



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)													Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
																												MR	MP	MY	Block	Rail
	H	H1	N	W	B	B1	C	L1	L	K1	K2	G	Mx1	T	H2	H3	WR	HR	D	h	d	P	E	(mm)				C(kN)	CO(kN)	kN-m	kN-m	kN-m
EGH15SA	24	4.5	9.5	34	26	4	—	23.1	40.1	14.8	3.5	5.7	M4X6	6	5.5	6	15	12.5	6	4.5	3.5	60	20	M3X16	5.35	9.40	0.08	0.04	0.04	0.09	1.25	
EGH15CA							26	39.8	56.8	10.15																						
EGH20SA	28	6	11	42	32	5	—	29	50	18.75	4.15	12	M5X7	7.5	6	6	20	15.5	9.5	8.5	6	60	20	M5X16	7.23	12.74	0.13	0.06	0.06	0.15	2.08	
EGH20CA																											32	48.1	69.1	12.3		
EGH25SA	33	7	12.5	48	35	6.5	—	35.5	59.1	21.9	4.55	12	M6X9	8	8	8	23	18	11	9	7	60	20	M6X20	11.40	19.50	0.23	0.12	0.12	0.25	2.67	
EGH25CA																											35	59	82.6	16.15		
EGH30SA	42	10	16	60	40	10	—	41.5	69.5	26.75	6	12	M8X12	9	8	9	28	23	11	9	7	80	20	M6X25	16.42	28.10	0.40	0.21	0.21	0.45	4.35	
EGH30CA																											40	70.1	98.1	21.05		
EGH35SA	48	11	18	70	50	10	—	45	75	28.5	7	12	M8X12	10	8.5	8.5	34	27.5	14	12	9	80	20	M8X25	22.66	37.38	0.56	0.31	0.31	0.66	6.14	
EGH35CA																											50	78	108	20		

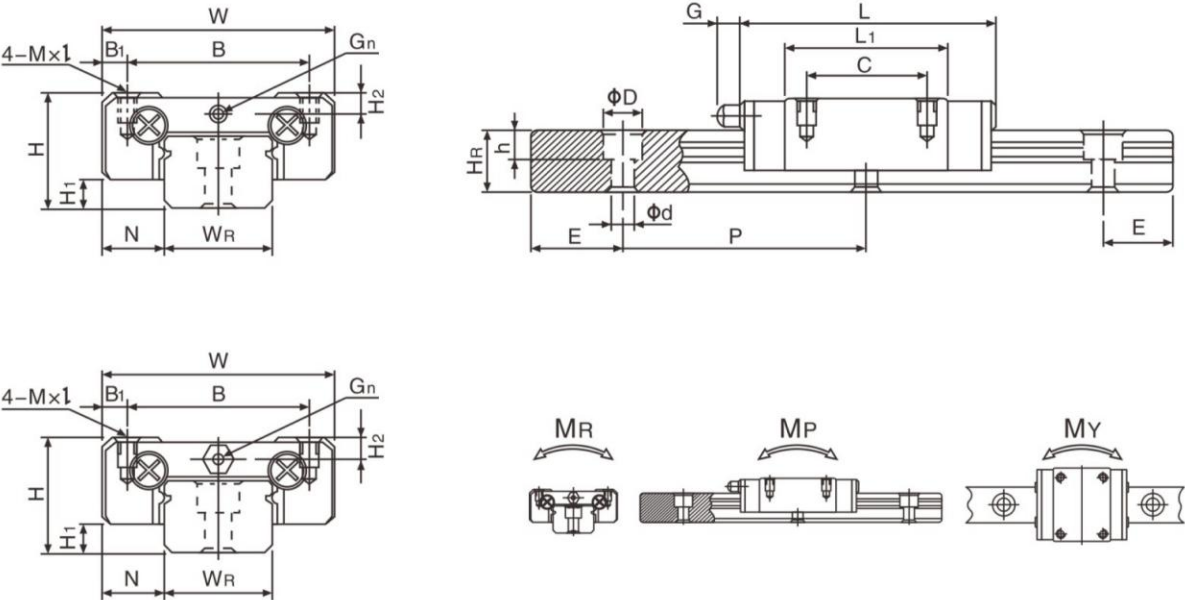
EGW-SA/EGW-CA



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)															Dimensions of Rail (mm)										Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
																																MR	MP	MY	Block	Rail
	H	H1	N	W	B	B1	C	L1	L	K1	K2	G	M	T	T1	H2	H3	WR	HR	D	h	d	P	E	(mm)	C(kN)	C0(kN)	kN-m				kN-m	kN-m	kg	kg/m	
EGW15SA	24	4.5	18.5	52	41	5.5	—	23.1	40.1	14.8	3.5	5.7	M5	5	7	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	5.35	9.40	0.08	0.04	0.04	0.12	1.25				
EGW15CA	26	39.8	56.8	10.15	7.83	16.79	0.13	0.10	0.10	0.21																										
EGW20SA	28	6	19.5	59	49	5	—	29	50	18.75	4.15	12	M6	7	9	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	7.23	12.74	0.13	0.06	0.06	0.19	2.08				
EGW20CA							32	48.1	69.1	12.3																10.31	21.13	0.22	0.16	0.16	0.32					
EGW25SA	33	7	25	73	60	6.5	—	35.5	59.1	21.9	4.55	12	M8	7.5	10	8	8	23	18	11	9	7	60	20	M6x20	11.40	19.50	0.23	0.12	0.12	0.35	2.67				
EGW25CA							35	59	82.6	16.15																16.27	32.40	0.38	0.32	0.32	0.59					
EGW30SA	42	10	31	90	72	9	—	61.5	69.5	26.75	6	12	M10	7	10	8	9	28	23	11	9	7	80	20	M6x25	16.42	28.10	0.40	0.21	0.21	0.62	4.35				
EGW30CA							40	70.1	98.1	21.05																23.70	47.46	0.68	0.55	0.55	1.04					
EGW35SA	48	11	33	100	82	9	—	45	75	28.5	7	12	M10	10	13	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	22.66	37.38	0.56	0.31	0.31	0.84	6.14				
EGW35CA							50	78	108	20																33.35	64.84	0.98	0.69	0.69	1.45					

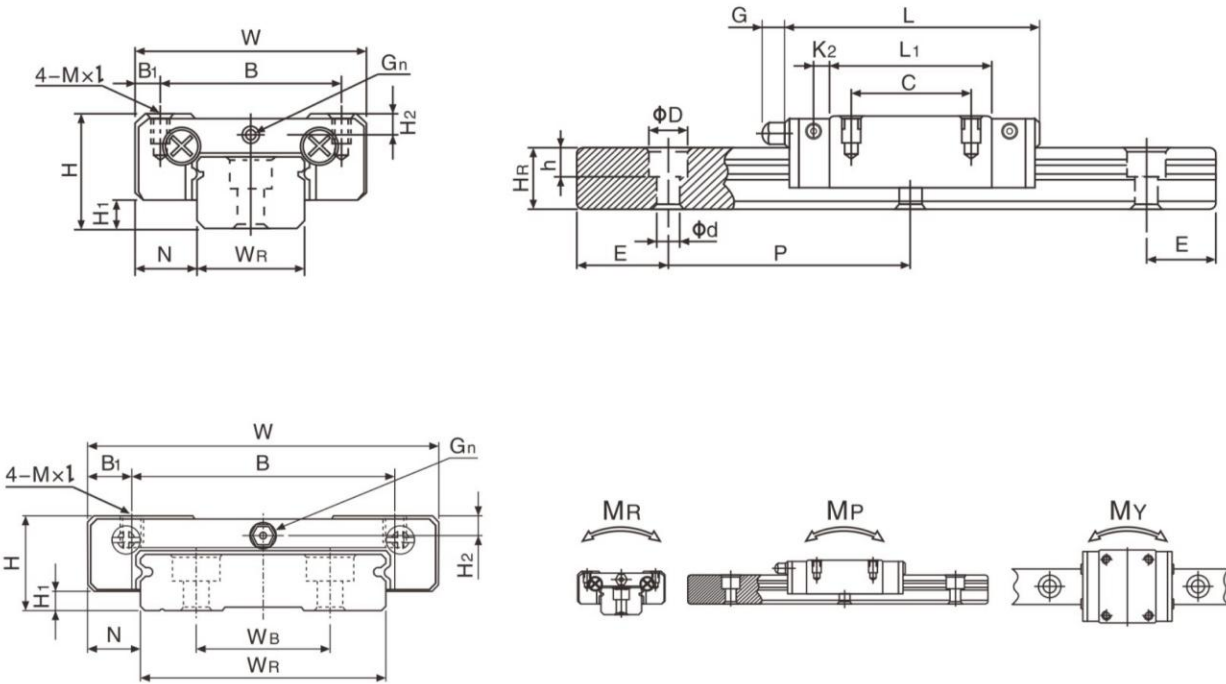
MG Series (Miniature Linear Guideway)

MGN-C/MGN-H



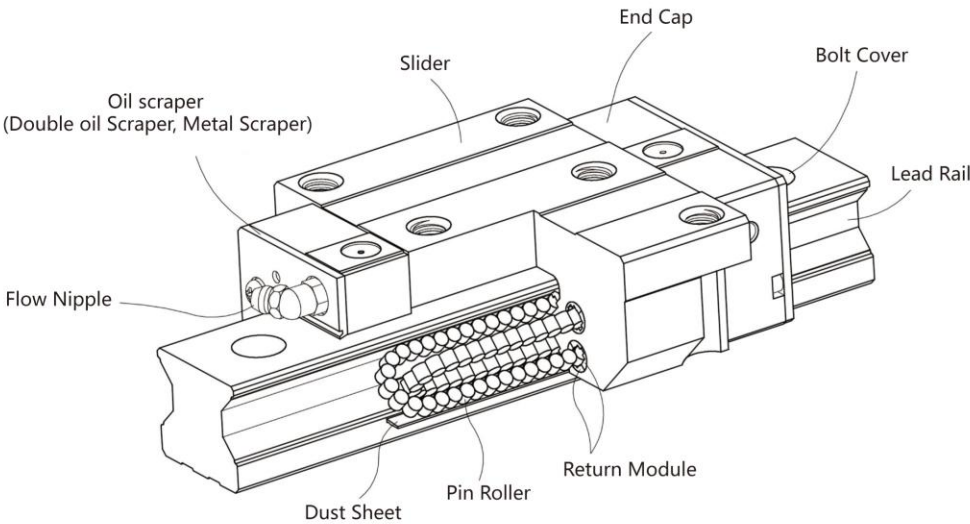
Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)										Dimensions of Rail (mm)										Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
																											MR	MP	MY	Block	Rail
	H	H1	N	W	B	B1	C	L1	L	G	Gn	Mxl	H2	WR	HR	D	h	d	P	E	(mm)	C(kN)	C0(kN)	kN–m	kN–m	kN–m	kg	kg/m			
MGN 5C	6	1.5	3.5	12	8	2	–	9.6	16	–	0.8	M2X1.5	1	5	3.6	3.6	0.8	2.4	15	5	M2X6	0.54	0.84	2	1.3	1.3	0.008	0.15			
MGN 7C	8	1.5	5	17	12	2.5	8	13.5	22.5	–	Φ1.2	M2X2.5	1.5	7	4.8	4.2	2.3	2.4	15	5	M2X6	0.98	1.24	4.70	2.84	2.84	0.010	0.22			
MGN 7H							13	21.8	30.8													1.37	1.96	7.66	4.80	4.80	0.015				
MGN 9C	10	2	5.5	20	15	2.5	10	18.9	28.9	–	Φ1.4	M3X3	1.8	9	6.5	6	3.5	3.5	20	7.5	M3X8	1.86	2.55	11.76	7.35	7.35	0.016	0.38			
MGN 9H							16	29.9	39.9													2.55	4.02	19.60	18.62	18.62	0.026				
MGN12C	13	3	7.5	27	20	3.5	15	21.7	34.7	–	Φ2	M3X3.5	2.5	12	8	6	4.5	3.5	25	10	M3X8	2.84	3.92	25.48	13.72	13.72	0.034	0.65			
MGN12H							20	32.4	45.4													3.72	5.88	38.22	36.26	36.26	0.054				
MGN15C	16	4	8.5	32	25	3.5	20	26.7	42.1	4.5	M3	M3X4	3	15	10	6	4.5	3.5	40	15	M3X10	4.61	5.59	45.08	21.56	21.56	0.059	1.06			
MGN15H							25	43.4	58.8													6.37	9.11	73.50	57.82	57.82	0.092				

MGW-C/MGW-H



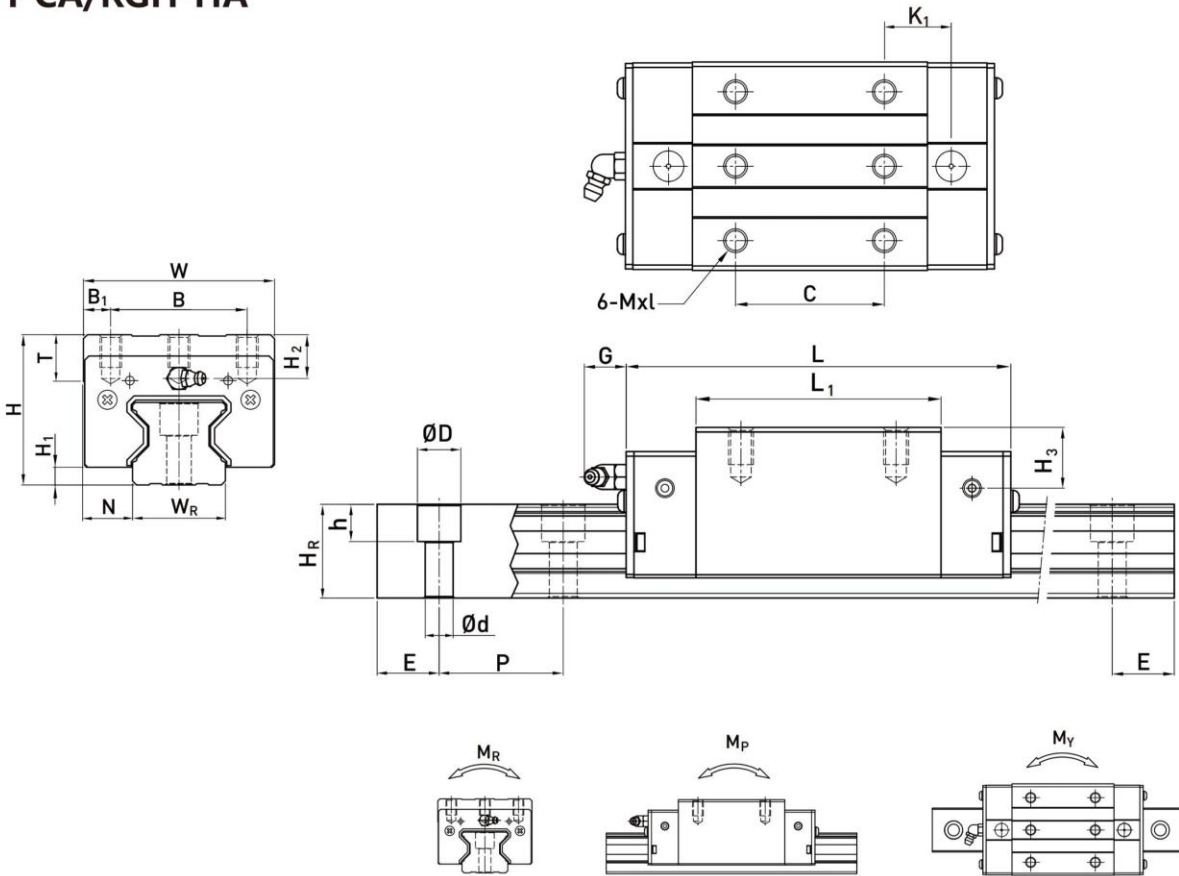
Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)										Dimensions of Rail (mm)										Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
																											MR	MP	MY	Block Weight	Rail Weight
	H	H1	N	W	B	B1	C	L1	L	G	Gn	Mx1	H2	WR	Wa	HR	D	h	d	P	E	(mm)	C(kN)				C0(kN)	kN-m	kN-m	kN-m	kg
MGW 5C	6.5	1.5	3.5	17	13	2	—	14.1	20.5	—	Φ0.8	M2.5X1.5 M3-THRU	1	10	—	4	5.5	1.6	3	20	5	M2.5X7	0.68	1.18	5.5	2.7	2.7	0.016	0.34		
MGW5CL																															
MGW 7C	9	1.9	5.5	25	19	3	10	21	31.2	—	Φ1.2	M3X3	1.85	14	—	5.2	6	3.2	3.5	30	10	M3X6	1.37	2.06	15.70	7.14	7.14	0.020	0.51		
MGW 7H																							1.77	3.14	23.45	15.53	15.53	0.029			
MGW 9C	12	2.9	6	30	21	4.5	12	27.5	39.3	—	Φ1.2	M3X3	2.4	18	—	7	6	4.5	3.5	30	10	M3X8	2.75	4.12	40.12	18.96	18.96	0.040	0.91		
MGW 9H																							3.43	5.89	54.54	34.00	34.00	0.057			
MGW12C	14	3.4	8	40	28	6	15	31.3	46.1	—	Φ1.2	M3X3.6	2.8	24	—	8.5	8	4.5	4.5	40	15	M4X8	3.92	5.59	70.34	27.80	27.80	0.071	1.49		
MGW12H																							5.10	8.24	102.70	57.37	57.37	0.103			
MGW15C	16	3.4	9	60	45	7.5	20	38	54.8	5.2	M3	M4X4.2	3.2	42	23	9.5	8	4.5	4.5	40	15	M4X10	6.77	9.22	199.34	56.66	56.66	0.143	2.86		
MGW15H																							8.93	13.38	299.01	122.60	122.60	0.215			

RG Series(High Rigidity Roller Type)

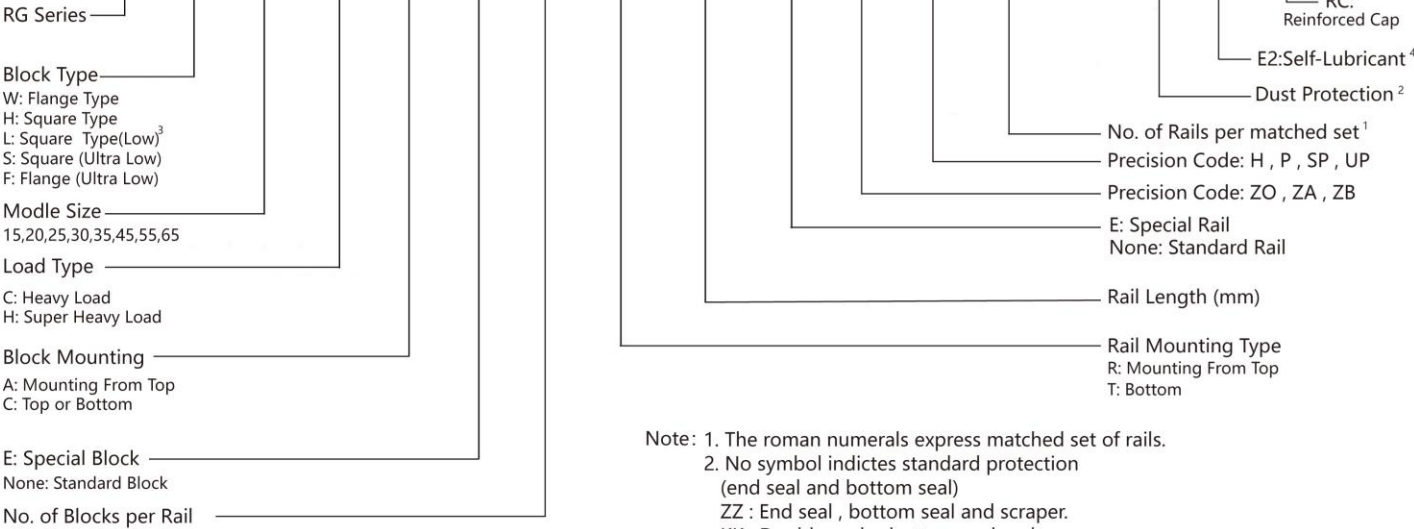


- Rolling cycle system: slide block, guide rail, end cover, return module, roller
- Lubrication system: oil nozzle, oil pipe joint
- Dust prevention system: oil scraper, bottom dust dust filter, guide rail bolt cover, metal scraper

RGH-CA/RGH-HA



RG W 35 C C E 2 R 1640 E ZA P II + KK/E2/RC



- Note: 1. The roman numerals express matched set of rails.
2. No symbol indictes standard protection (end seal and bottom seal)
ZZ : End seal , bottom seal and scraper.
KK : Double seals , bottom seal and scraper.
DD: Double seals and bottom seal
3. Block type RGL is the low profile design of RGH (square type), the assembled height is same as RGW (falng type) in same size.
4. E2 does not apply to RGS/RGF.

Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)													Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	G	MxL	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	M _R kN-m	M _P kN-m	M _Y kN-m	Block kg	Rail kg/m		
RGH 25CA	40	5.5	12.5	48	35	6.5	35	64.5	97.9	20.75	12	M6x8	20	10.2	10	23	23.6	11	9	7	30	20	M6x20	27.7	57.1	0.758	0.605	0.605	0.55	3.08		
RGH 25HA							50	81	114.4	21.5													M6x20	33.9	73.4	0.975	0.991	0.991	0.7			
RGH 30CA	45	6	16	60	40	10	40	71	109.8	23.5	12	M8x10	20	9.5	13.8	28	28	14	12	9	40	20	M8x25	39.1	82.1	1.445	1.06	1.06	0.82	4.41		
RGH 30HA							60	93	131.8	24.5													M8x25	48.1	105	1.846	1.712	1.712	1.07			
RGH 35CA	55	6.5	18	70	50	10	50	79	124	22.5	12	M10x17	20	16	19.6	34	30.2	14	12	9	40	20	M8x25	57.9	105.2	2.17	1.44	1.44	1.43	6.06		
RGH 35HA							72	106.5	151.5	25.25													M8x25	73.1	142	2.93	2.6	2.6	1.86			
RGH 45CA	70	8	20.5	86	60	13	60	106	153.2	31	12.9	M12x18	20	20	24	45	38	20	17	14	52.5	22.5	M12x35	92.6	178.8	4.52	3.05	3.05	2.97	9.97		
RGH 45HA							80	139.8	187	37.9													M12x35	116	230.9	6.33	5.47	5.47	3.97			
RGH 55CA	80	10	23.5	100	75	12.5	75	125.5	183.7	37.75	12.9	M16x20	20	22	27.5	53	44	23	20	16	60	30	M14x45	130.5	252	8.01	5.4	5.4	4.62	13.98		
RGH 55HA							95	173.8	232	51.9													M14x45	167.8	348	11.15	10.25	10.25	6.4			
RGH 65CA	90	12	31.5	126	76	25	70	160	232	60.8	12.9	M16x50	20	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	8.33	20.22		
RGH 65HA							120	223	295	67.3													M16x50	275.3	572.7	22.55	22.17	22.17	11.62			

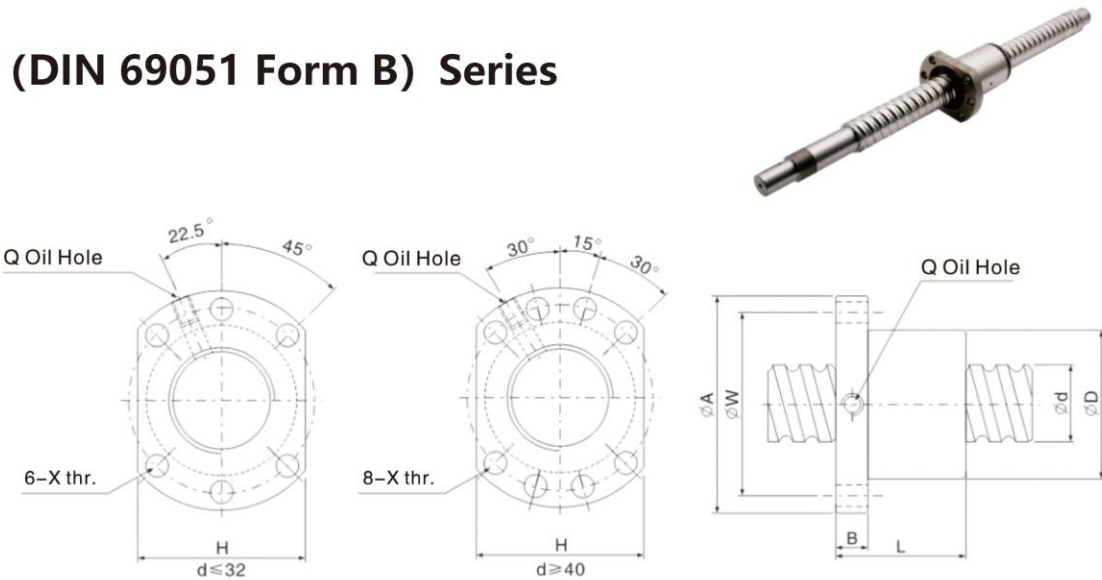
Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)															Dimensions of Rail (mm)							Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	C ₁	L ₁	L	K ₁	G	M	T	T ₁	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	M _R kN-m	M _P kN-m	M _Y kN-m	Block kg	Rail kg/m	
RGW 25CC	36	5.5	23.5	70	57	6.5	45	40	64.5	97.9	15.75	12	M8	9.5	10	6.2	6	23	23.6	11	9	7	30	20	M6x20	27.7	57.1	0.758	0.605	0.605	0.67	3.08	
RGW 25HC									81	114.4	24															81	114.4	24					
RGW 30CC	62	6	31	90	72	9	52	44	71	109.8	17.5	12	M10	9.5	10	6.5	10.8	28	28	14	12	9	40	20	M8x25	39.1	82.1	1.445	1.06	1.06	1.06	4.41	
RGW 30HC									93	131.8	28.5															93	131.8	28.5					
RGW 35CC	48	6.5	33	100	82	9	62	52	79	124	16.5	12	M10	12	13	9	12.6	34	30.2	14	12	9	40	20	M8x25	57.9	105.2	2.17	1.44	1.44	1.61	6.06	
RGW 35HC									106.5	151.5	30.25															106.5	151.5	30.25					
RGW 45CC	60	8	37.5	120	100	10	80	60	106	153.2	21	12.9	M12	14	15	10	14	45	38	20	17	14	52.5	22.5	M12x35	92.6	178.8	4.52	3.05	3.05	3.22	9.97	
RGW 45HC									139.8	187	37.9															139.8	187	37.9					
RGW 55CC	70	10	43.5	140	116	12	95	70	125.5	183.7	27.75	12.9	M14	16	17	12	17.5	53	44	23	20	16	60	30	M14x45	130.5	252	8.01	5.4	5.4	5.18	13.98	
RGW 55HC									173.8	232	51.9															173.8	232	51.9					
RGW 65CC	90	12	53.5	170	142	14	110	82	160	232	40.8	12.9	M16	22	23	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	8.33	20.22	
RGW 65HC									223	295	72.3															223	295	72.3					

SFT	R	025	05	B2	D	G	C5	P0	1000
									Overall Leng of Shaft (mm)
									Axial Clearance and Preload Code PO、PI、P2、P3、P4
									Accuracy Grade Code CO、CI、C2、C3、C5、C7、CIO
									Produce Code G : Ground F : Rolled
									Flange Type N : Not cutting S : Single cutting D : Double cutting
									No.of Turn (Circuits) or Turn x Row Turn : T : 1 (or0.7) A : 1.5 (or1.7) B : 2.5 C : 3.5 ex : (B2=2.5x2)
									Lead (mm)
									Shaft Dia. (mm)
									Direction of Helix R: Right L: Left

S : Single Nut D : Double Nut
F : With Flange C : Without Flange
T : T Type Nut I : I Type Nut D : D Type Nut E : E Type Nut
K : K Type Nut U : DIN Nut S : DIN Nut
(SFI, DFI, SFT, DFT, SFE, SFK)



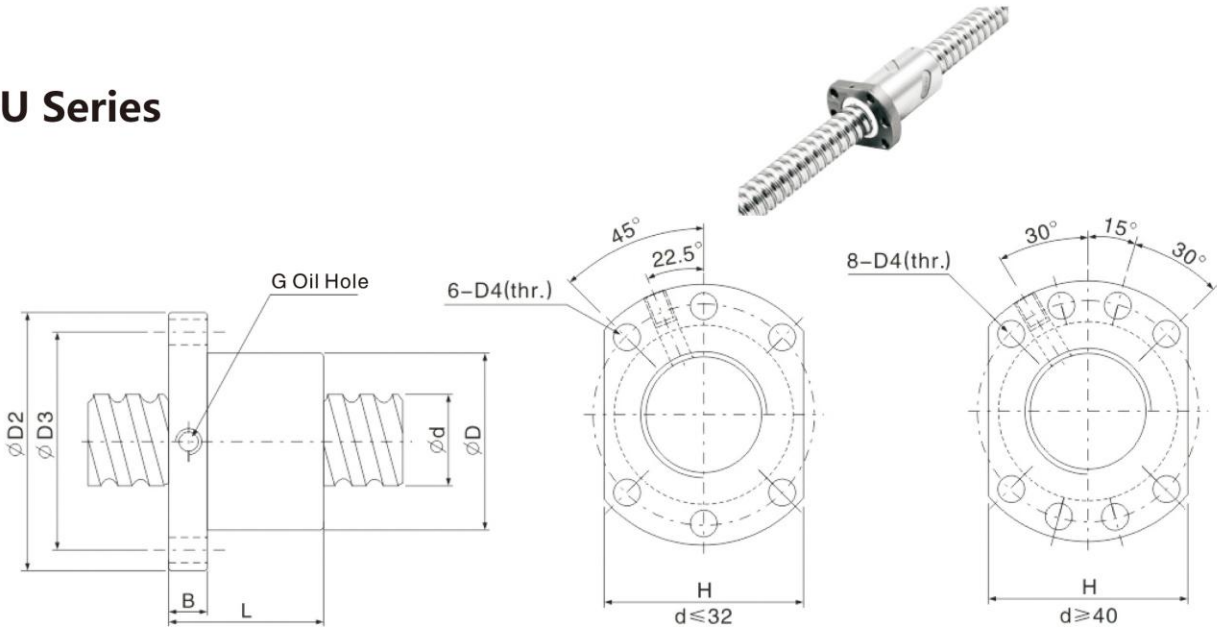
SFS (DIN 69051 Form B) Series



d: Shaft Dia l: Lead Da: Ball Dia. n: Number of Turns (Turn · Row) K: Rigidity (Kg/pm)
Ca: Basic Dynamic Load Rating (Kg) Coa: Basic Static Load Rating (Kg) Unit: mm

Model No.	Specifications of Screw Rod			Dimensions of Ball Nut									Load Rating		K
	d	l	Da	D	A	B	L	W	H	X	Q	n	Ca	Coa	
SFS01205-2.8	12	5	2.5	24	40	10	31	32	30	4.5	M6*1P	2.8*1	536	794	12.5
SFS01210-2.8		10	2.5	24	40	10	48.5	32	30	4.5	M6*1P	2.8*1	523	776	12.5
SFS01605-3.8	15	5	2.778	28	48	10	38	38	40	5.5	M6*1P	3.8*1	771	1536	19.6
SFS01610-2.8		10	2.778	28	48	10	47	38	40	5.5	M6*1P	2.8*1	592.9	1131.8	14.4
SFS01616-1.8		16	2.778	28	48	10	45	38	40	5.5	M6*1P	1.8*1	405.5	727.6	9.2
SFS01616-2.8		16	2.778	28	48	10	61	38	40	5.5	M6*1P	2.8*1	592.9	1131.8	14.4
SFS01620-1.8	20	20	2.778	28	48	10	57	38	40	5.5	M6*1P	1.8*1	415.2	768	9.2
SFS02005-3.8		5	3.175	36	58	10	40	47	44	6.6	M6*1P	3.8*1	1027.1	2229.4	25.9
SFS02010-3.8		10	3.175	36	58	10	60	47	44	6.6	M6*1P	3.8*1	1049.1	2340.9	25.9
SFS02020-1.8		20	3.175	36	58	10	57	47	44	6.6	M6*1P	1.8*1	551.9	1108.8	12.2
SFS02020-2.8	25	20	3.175	36	58	10	77	47	44	6.6	M6*1P	2.8*1	807	1724.8	19.1
SFS02505-3.8		5	3.175	40	62	10	40	51	48	6.6	M6*1P	3.8*1	1133.1	2786.7	32
SFS02510-3.8		10	3.175	40	62	10	62	51	48	6.6	M6*1P	3.8*1	1133.1	2786.7	32
SFS02525-1.8		25	3.175	40	62	12	70	51	48	6.6	M6*1P	1.8*1	606.3	1372.8	15.1
SFS02525-2.8	32	25	3.175	40	62	12	95	51	48	6.6	M6*1P	2.8*1	886.5	2135.5	23.6
SFS03205-3.8		5	3.175	50	80	12	42	65	62	9	M6*1P	3.8*1	1263.1	3567	40.6
SFS03210-3.8		10	3.969	50	80	12	62	65	62	9	M6*1P	3.8*1	1693.4	4354.9	39.7
SFS03220-2.8		20	3.969	50	80	12	80	65	62	9	M6*1P	2.8*1	1324.9	3337.2	29.3
SFS03232-1.8	31	32	3.969	50	80	13	84	65	62	9	M6*1P	1.8*1	906	2145.5	18.8
SFS03232-2.8		32	3.969	50	80	13	116	65	62	9	M6*1P	2.8*1	1324.9	3337.2	29.3
SFS04005-3.8		5	3.175	63	93	15	45	78	70	9	M8*1P	3.8*1	1393.4	4458.8	50.5
SFS04010-3.8		10	6.35	63	93	14	63	78	70	9	M8*1P	3.8*1	3496.9	8471.8	49.3
SFS04020-2.8	38	20	6.35	63	93	14	82	78	70	9	M8*1P	2.8*1	2750.6	6570.9	36.3
SFS04040-1.8		40	6.35	63	93	15	105	78	70	9	M8*1P	1.8*1	1881	4224.1	23.3
SFS04040-2.8		40	6.35	63	93	15	145	78	70	9	M8*1P	2.8*1	2750.6	6570.9	36.3
SFS05005-3.8		5	3.175	75	110	15	45	93	85	11	M8*1P	3.8*1	1537.1	5573.5	62.8
SFS05010-3.8	50	10	6.35	75	110	18	68	93	85	11	M8*1P	3.8*1	3875.4	10701.2	61.6
SFS05020-3.8		20	6.35	75	110	18	108	93	85	11	M8*1P	3.8*1	3945.7	11147.1	61.6
SFS05050-1.8		50	6.35	75	110	18	125	93	85	11	M8*1P	1.8*1	2111.2	5491.4	12.5
SFS05050-2.8		50	6.35	75	110	18	175	93	85	11	M8*1P	2.8*1	3087.1	8542.2	45.4
SFS06310-3.8	61	10	6.35	90	125	18	70	108	95	11	M8*1P	3.8*1	4147.4	12484.8	77.6
SFS06320-3.8		20	7.144	95	135	20	116	115	100	13.5	M8*1P	3.8*1	4877.8	14109.1	77.9
SFS08010-3.8		10	6.35	105	145	20	70	125	110	13.5	M8*1P	3.8*1	4632.4	16051.9	97.3
SFS08020-3.8		20	9.525	125	165	25	120	145	130	13.5	M8*1P	3.8*1	7891.4	23074.6	98.6
SFS010020-2.8	96	20	12.7	150	202	30	124	176	155	17.5	M8*1P	3.8*1	12725.1	37454.4	123.3

SFU Series



d: Shaft Dia l: Lead Da: Ball Dia. n: Number of Turns (Turn · Row) K: Rigidity (Kg/pm)
Ca: Basic Dynamic Load Rating (Kg) Coa: Basic Static Load Rating (Kg) Unit: mm

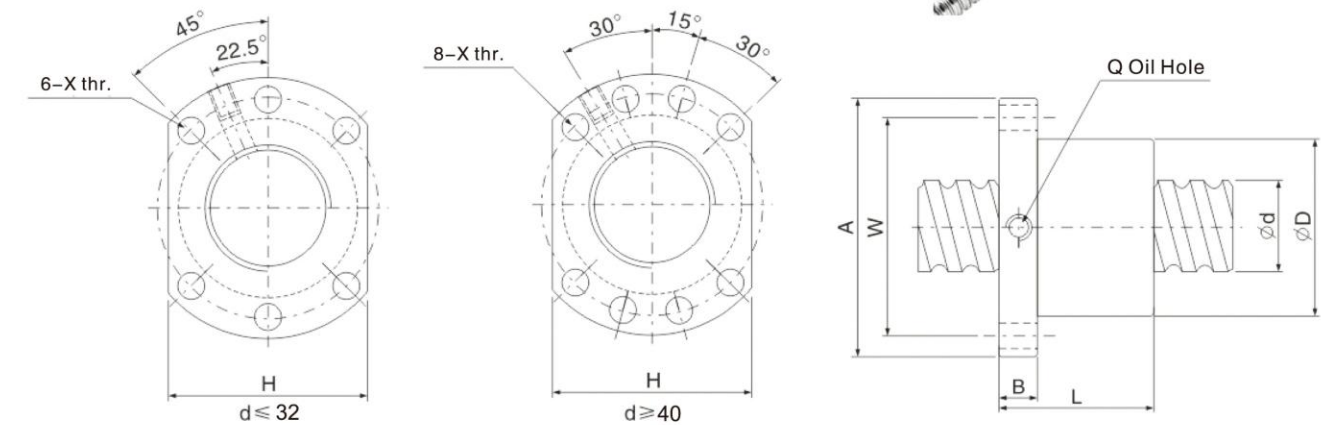
Model No.	Specifications of Screw Rod			Dimensions of Ball Nut									Load Rating		K
	d	l	Da	n	D	D2	D3	D4	L	B	G	H	Ca	Coa	
SFU1204-3	12	4	2.381	3	22/24	42	32	4.8	35	8	M6	30	592	1129	
SFU1604-3	16	4	2.381	3	28	48	38	5.5	36	10	M6	40	629	1270	
★ SFU1605-3	16	5	3.175	3	28	48	38	5.5	42	10	M6	40	780	1790	
★ SFU1605-4	16	5	3.175	4	28	48	38	5.5	50	10	M6	40	780	1790	
SFS1610-2/4	15	10	2.778	2	28	48	38	5.5	42	10	M6	40	736	1275	
SFU2004-3	20	4	2.381	3	36	58	47	6.7	42	10	M6	44	860	1710	
★ SFU2005-3	20	5	3.175	3	36	58	47	6.7	42	10	M6	44	860	1710	
★ SFU2005-4	20	5	3.175	4	36	58	47	6.7	51	10	M6	44	1130	2380	
SFS2010-2/4	20	10	3.175	3	36	58	47	6.7	42	10	M5	44	996	2296	
SFU2505-3	25	5	3.175	3	40	63	51	6.7	42	10	M6	48	980	2300	
SFU2505-4	25	5	3.175	4	40	63	51	6.7	51	10	M6	48	1280	3110	
SFU2510-3	25	10	4.763	3	40	62	51	6.8	85	15	M6	48	870	2050	
★ SFU3205-3	32	5	3.175	3	50	80	65	9	52	12	M6	62	1690	5100	
★ SFU3205-4	32	5	3.175	4	50	80	65	9	52	12	M6	62	1450	4150	
SFU3210-3	32	10	6.35	3	50	80	65	9	74	12	M6	62	2610	5310	
SFU3210-4	32	10	6.35	4	50	80	65	9	90	14	M6	62	3390	7170	
★ SFU4005-4	40	5	3.175	4	63	93	78	9	55	15	M6	70	1610	5330	
★ SFU4005-5	40	5	3.175	5	63	93	78	9	55	14	M6	70	1900	6620	
SFU4010-3	40	10	6.35	3	63	93	78	9	71	14	M6 M8	70	3010	7100	
SFU4010-4	40	10	6.35	4	63	93	78	9	93	15	M6 M8	70	3910	9520	
SFU5005-4	50	5	3.175	4	75	110	93	11	55	15	M6 M8	85	1880	6690	
SFU5010-4	50	10	6.35	4	75	110	93	11	95	16	M6 M8	85	5310	15500	
SFU6310-4	63	10	6.35	4	90	125	108	11	97	18	M8	95	5070	16600	
SFU6310-5	63	10	6.35	5	90	125	108	11	97	18	M8	95	6070	20600	
SFU8010-5	80	10	6.35	5	105	145	125	13.5	108	20	M8	110	6660	26500	
SFU8010-6	80	10	6.35	6	105	145	125	13.5	110	22	M8	110	7810	31800	

Unit of Load ratings : kgf 1kgf=9.8N

Note: with sign ★ can produce left helix



SFU (DIN 69051 Form B) Series

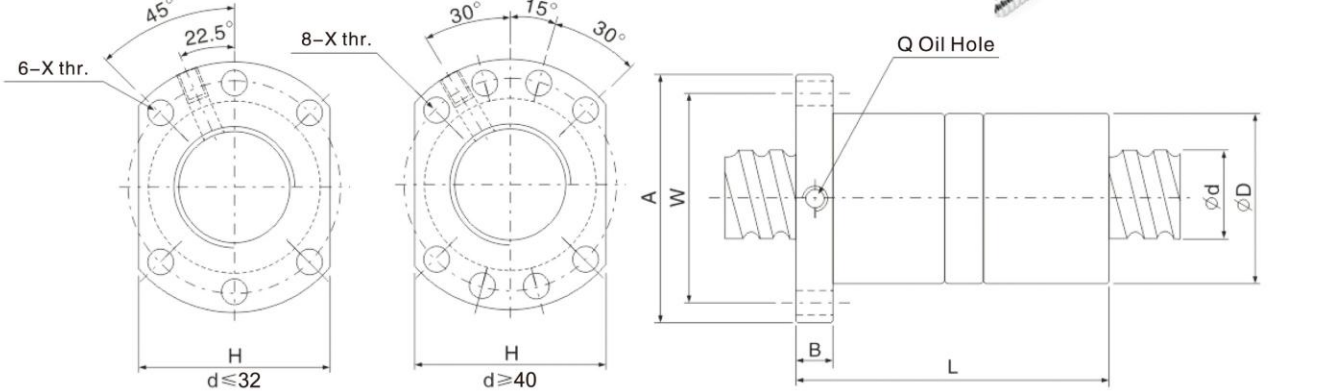


d: Shaft Dia I: Lead Da: Ball Dia. n: Number of Turns (Turn · Row) K: Rigidity (Kg/pmm)
Ca: Basic Dynamic Load Rating (Kg) Coa: Basic Static Load Rating (Kg) Unit: mm

	Model No.	Specifications of Screw Rod			Dimensions of Ball Nut									Load Rating		K
		d	I	Da	D	A	B	L	W	H	X	Q	n	Ca	Coa	
	SFU1204-4	12	4	2.381	24	40	10	40	32	30	4.5		1*4	593	1129	12.5
★	SFU1604-4	16	4	2.381	28	48	10	40	38	40	5.5	M6	1*4	629	1270	35
★	SFU1605-4		5	3.175	28	48	10	50	38	40	5.5	M6	1*4	780	1790	20
★	SFU1610-3		10	3.175	28	48	10	57	38	40	5.5	M6	1*3	721	1249	15
	SFU2004-4	20	4	2.381	36	58	10	42	47	44	6.6	M6	1*4	699	1617	41
	SFU2005-4		5	3.175	36	58	10	51	47	44	6.6	M6	1*4	1130	2380	25
	SFU2504-4		4	2.381	40	62	10	42	51	48	6.6	M6	1*4	777	2052	48
★	SFU2505-4	25	5	3.175	40	62	10	51	51	48	6.6	M6	1*4	1280	3110	35
	SFU2506-4		6	3.969	40	62	10	54	51	48	6.6	M6	1*4	1528	3284	40
	SFU2508-4		8	4.762	40	62	10	63	51	48	6.6	M6	1*4	1941	3863	38
★	SFU2510-4		10	4.762	40	62	12	85	51	48	6.6	M6	1*4	1944	3877	33
	SFU3204-4	32	4	2.381	50	80	12	44	65	62	9	M6	1*4	871	2661	56
★	SFU3205-4		5	3.175	50	80	12	52	65	62	9	M6	1*4	1450	4150	40
	SFU3206-4		6	3.969	50	80	12	57	65	62	9	M6	1*4	1720	4298	47
	SFU3208-4		8	4.762	50	80	12	65	65	62	9	M6	1*4	2189	5079	44
★	SFU3210-4		10	6.350	50	80	12	90	65	62	9	M6	1*4	3390	7170	79
★	SFU4005-4	40	5	3.175	63	93	14	55	78	70	9	M8	1*4	1610	5330	49
	SFU4006-4		6	3.969	63	93	14	60	78	70	9	M6	1*4	1911	5458	55
	SFU4008-4		8	4.762	63	93	14	67	78	70	9	M6	1*4	2435	6469	52
★	SFU4010-4		10	6.350	63	93	14	93	78	70	9	M8	1*4	3910	9520	50
	SFU5010-4	50	10	6.350	75	110	16	93	93	85	11	M8	1*4	4450	12500	65
★	SFU5020-4		20	7.144	75	110	16	138	93	85	11	M8	1*4	4644	14327	59.5
★	SFU6310-4	63	10	6.350	95	125	18	98	108	95	11	M8	1*4	5070	16600	80
	SFU6320-4		20	9.525	95	135	20	149	115	100	13.5	M8	1*4	7573	23860	84.1
★	SFU8010-4	80	10	6.350	105	145	20	98	125	110	13.5	M8	1*4	5620	21300	90
	SFU8020-4		20	9.525	125	165	25	154	145	130	13.5	M8	1*4	8485	30895	84.1
	SFU10020-4	100	20	9.525	150	202	30	180	170	155	17.5	M8	1*4	9420	39183	110.1

Note: with sign ★ can produce left helix

DFU (DIN 69051 Form B) Series

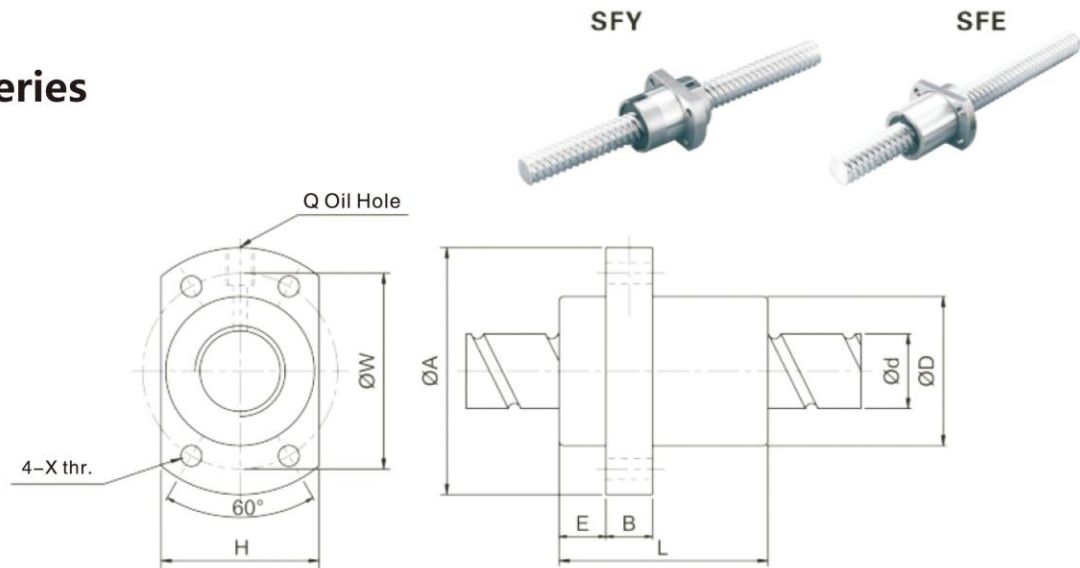


d: Shaft Dia I: Lead Da: Ball Dia. n: Number of Turns (Turn · Row) K: Rigidity (Kg/pmm)
Ca: Basic Dynamic Load Rating (Kg) Coa: Basic Static Load Rating (Kg) Unit: mm

	Model No.	Specifications of Screw Rod			Dimensions of Ball Nut									Load Rating		K
		d	I	Da	D	A	B	L	W	H	X	Q	n	Ca	Coa	
★	DFU1604-4	16	4	2.381	28	48	10	80	38	40	5.5	M6	1*4	629	1270	35
★	DFU1605-4		5	3.175	28	48	10	100	38	40	5.5	M6	1*4	780	1790	20
★	DFU1610-3		10	3.175	28	48	10	118	38	40	5.5	M6	1*3	721	1249	15
	DFU2004-4	20	4	2.381	36	58	10	80	47	44	6.6	M6	1*4	699	1617	41
★	DFU2005-4		5	3.175	36	58	10	101	47	44	6.6	M6	1*4	1130	2380	25
	DFU2504-4		4	2.381	40	62	10	80	51	48	6.6	M6	1*4	777	2032	48
	DFU2505-4	25	5	3.175	40	62	10	101	51	48	6.6	M6	1*4	1280	3110	35
	DFU2506-4		6	3.969	40	62	10	105	51	48	6.6	M6	1*4	1528	3284	40
	DFU2508-4		8	4.762	40	62	10	120	51	48	6.6	M6	1*4	1941	3863	38
★	DFU2510-4		10	4.762	40	62	12	145	51	48	6.6	M6	1*4	1944	3877	33
	DFU3204-4	32	4	2.381	50	80	12	80	65	62	9	M6	1*4	871	2661	56
★	DFU3205-4		5	3.175	50	80	12	102	65	62	9	M6	1*4	1450	4150	40
	DFU3206-4		6	3.969	50	80	12	105	65	62	9	M6	1*4	1720	4298	47
	DFU3208-4		8	4.762	50	80	12	122	65	62	9	M6	1*4	2189	5079	44
	DFU3210-4		10	6.350	50	80	12	162	65	62	9	M6	1*4	3390	7170	79
	DFU4005-4	40	5	3.175	63	93	14	105	78	70	9	M8	1*4	1610	5330	49
	DFU4006-4		6	3.969	63	93	14	108	78	70	9	M6	1*4	1911	5458	55
	DFU4008-4		8	4.762	63	93	14	132	78	70	9	M6	1*4	2435	6469	52
★	DFU4010-4		10	6.350	63	93	14	165	78	70	9	M8	1*4	3910	9520	50
	DFU5010-4	50	10	6.350	75	110	16	171	93	85	11	M8	1*4	4450	12500	65
★	DFU5020-4		20	7.144	75	110	16	280	93	85	11	M8	1*4	4644	14327	59.5
★	DFU6310-4	63	10	6.350	95	125	18	182	108	95	11	M8	1*4	5070	16600	80
	DFU6320-4		20	9.525	95	135	20	290	115	100	13.5	M8	1*4	7573	23860	84.1
★	DFU8010-4	80	10	6.350	105	145	20	182	125	110	13.5	M8	1*4	5620	21300	90
	DFU8020-4		20	9.525	125	165	25	295	145	130	13.5	M8	1*4	8485	30895	84.1
	DFU10020-4	100	20	9.525	150	202	30	340	170	155	17.5	M8	1*4	9420	39183	300

Note: with sign ★ can produce left helix

SFY/SFE Series



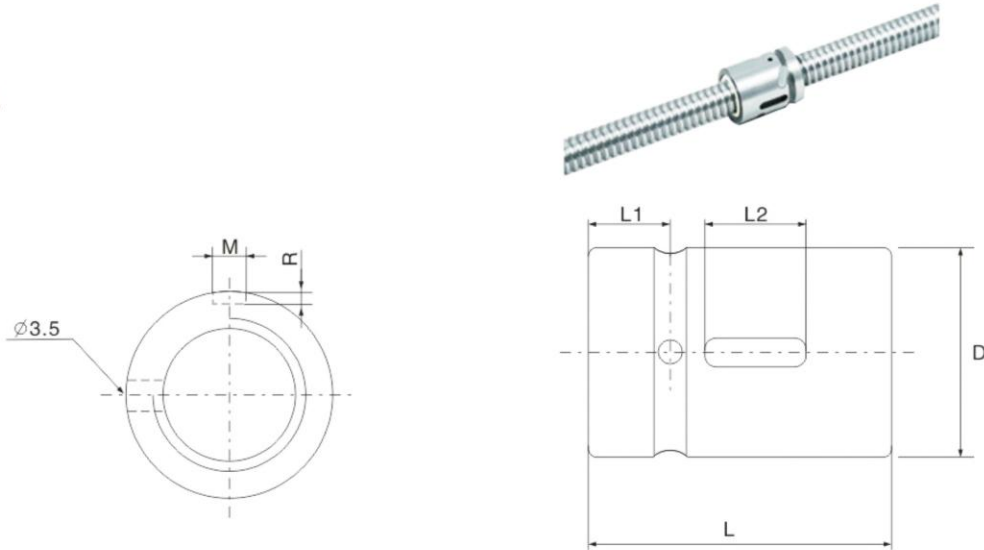
d: Shaft Dia I: Lead Da: Ball Dia. n: Number of Turns (Turn · Row) K: Rigidity (Kg/pmm)
Ca: Basic Dynamic Load Rating (Kg) Coa: Basic Static Load Rating (Kg) Ls: Screw Length Unit: mm

Model No.	Specifications of Screw Rod			Dimensions of Ball Nut										Load Rating		K
	d	I	Da	D	A	E	B	L	W	H	X	Q	n	Ca	Coa	
SFY1616-3.6	16	16	2.778	32	53	10.1	10	45	42	34	4.5	M6	1.8x2	1073	2551	31
SFY2020-3.6	20	20	3.175	39	62	13	10	52	50	41	5.5	M6	1.8x2	1387	3515	37
SFY2525-3.6	25	25	3.969	47	74	15	12	64	60	49	6.6	M6	1.8x2	2074	5494	45
SFY3232-3.6	32	32	4.762	58	92	17	12	78	74	60	9	M6	1.8x2	3021	8690	58
SFY4040-3.6	40	40	6.35	73	114	19.5	15	99	93	75	11	M6	1.8x2	4831	14062	70
SFY5050-3.6	50	50	7.938	90	135	21.5	20	117	112	92	14	M6	1.8x2	7220	21974	86

Model No.	Specifications of Screw Rod			Dimensions of Ball Nut										Load Rating		K
	D	I	Da	D	A	E	B	L	W	H	X	Q	n	Ca	Coa	
SFY01632-1.6	16	32	2.778	32	53	10.1	10	42.5	42	34	4.5	M6	0.8x2	493	1116	11
SFY02040-1.6	20	40	3.175	39	62	13	10	48	50	41	5.5	M6	0.8x2	653	1597	15
SFY02550-1.6	25	50	3.969	47	74	15	12	58	60	49	6.6	M6	0.8x2	976	2495	19
SFY03264-1.6	32	64	4.762	58	92	17	12	71	74	60	9	M6	0.8x2	1374	3571	22
SFY04080-1.6	40	80	6.35	73	114	19.5	15	90	93	75	11	M6	0.8x2	2273	6387	29
SFY050100-1.6	50	100	7.938	90	135	21.5	20	111	112	92	14	M6	0.8x2	3398	9980	35

Model No.	Specifications of Screw Rod			Dimensions of Ball Nut										Load Rating		Ls
	d	I	Da	D	A	E	B	L	W	X	H	Q	n	Ca	Coa	
SFE1616	16	16	2.778	32	53	10.1	10	45	42	4.5	34	M6	1.7X2	650	1280	3000
SFE2020	20	20	3.175	39	62	11.5	10	55	50	5.5	41	M6	1.7X2	980	2140	3000
SFE2525	25	25	3.969	47	74	13	12	57	60	6.6	49	M6	1.7X2	1470	3350	6000
SFE3232	32	32	4.762	58	92	16	12	82	74	9.6	60	M6	1.7X2	2140	5260	6000
SFE4040	40	40	6.350	73	114	19	15	99	93	11	75	M6	1.7X2	3410	8820	6000
SFE5050	50	50	7.938	90	135	21.5	20	125	112	14	92	M6	1.7X2	5100	13800	6000

SCI Series

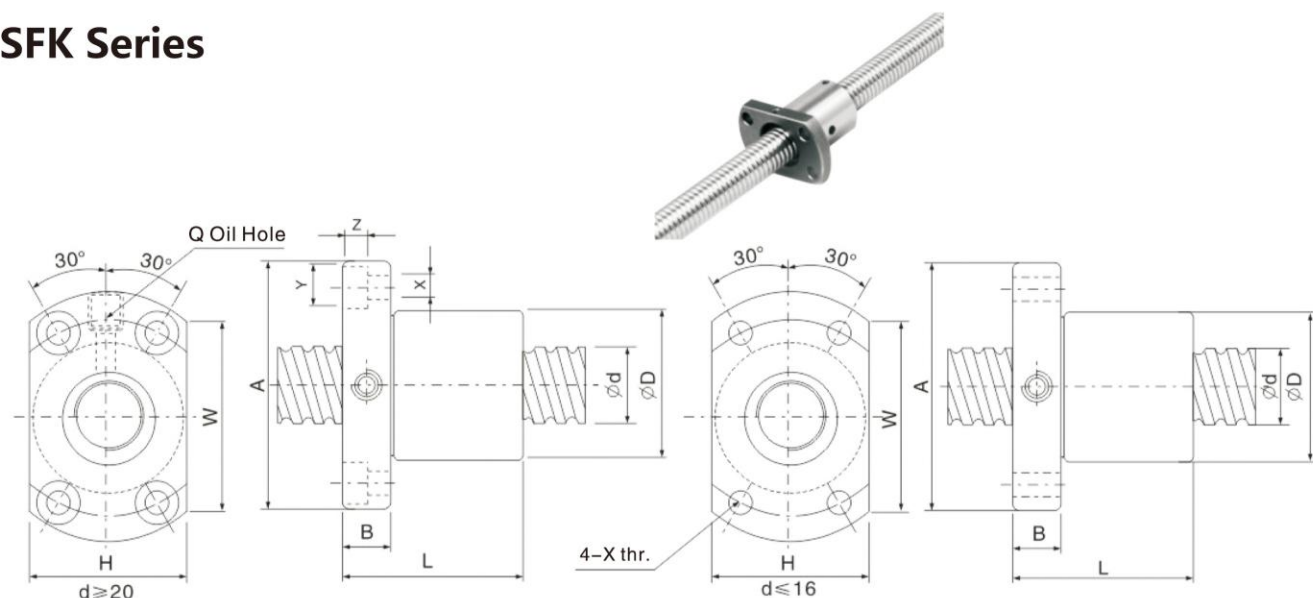


d: Shaft Dia I: Lead Da: Ball Dia. n: Number of Turns (Turn · Row) K: Rigidity (Kg/pmm)
Ca: Basic Dynamic Load Rating (Kg) Coa: Basic Static Load Rating (Kg) Unit: mm

	Model No.	Specifications of Screw Rod			Dimensions of Ball Nut							Load Rating		K
		d	I	Da	D	L	L1	L2	M	R	n	Ca	Coa	
	SCI1604-4	16	4	2.381	30	40	9	15	3	1.5	4	640	1340	16
	SCI1605-4		5	3.175	30	45	9	20	5	3	4	780	1790	20
	SCI2004-4	20	4	2.381	34	40	9	15	3	1.5	4	670	1480	25
★	SCI2005-4		5	3.175	34	45	9	20	5	3	4	1130	2380	25
	SCI2504-4	25	4	2.381	40	40	9	15	3	1.5	4	760	1950	31
★	SCI2505-4		5	3.175	40	45	9	20	5	3	4	1280	3110	35
	SCI2510-4		10	4.762	46	85	13	30	5	3	4	1944	3877	33
	SCI3204-4	32	4	2.381	46	40	9	15	3	1.5	4	860	3050	40
★	SCI3205-4		5	3.175	46	45	9	20	5	3	4	1450	4150	40
	SCI3210-4		10	6.35	54	85	13	30	5	3	4	3390	7170	40
★	SCI4005-4	40	5	3.175	56	45	9	20	5	3	4	1610	5330	49
★	SCI4010-4		10	6.35	62	85	13	30	5	3	4	3910	9520	50
	SCI5010-4	50	10	6.35	72	85	13	30	5	3	4	4450	12500	65
★	SCI6310-4	63	10	6.35	85	85	13	30	6	3.5	4	5070	16600	80
	SCI8010-4	80	10	6.35	105	85	13	30	8	4.5	4	5620	21300	90

Note: with sign ★ can produce left helix

SFK Series



d: Shaft Dia l: Lead Da: Ball Dia. n: Number of Turns (Turn · Row) K: Rigidity (Kg/pm)
Ca: Basic Dynamic Load Rating (Kg) Coa: Basic Static Load Rating (Kg)

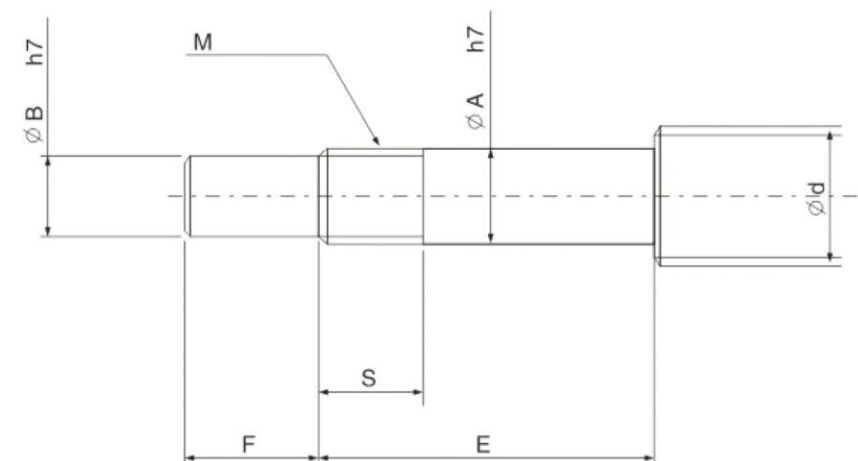
Unit: mm

Model No.	Specifications of Screw Rod			Dimensions of Ball Nut											Load Rating		K
	d	l	Da	D	A	B	L	W	H	X	Y	Z	Q	n	Ca	Coa	
★ SFK0401	4	1	0.8	10	20	3	12	15	14	2.9	—	—	—	1*2	40	51	2.8
★ SFK0601	6	1	0.8	12	24	3.5	15	18	16	3.4	—	—	—	1*3	73	121	6.8
★ SFK0801	8	1	0.8	14	27	4	16	21	18	3.4	—	—	—	1*4	93	173	10.7
★ SFK0802		2	1.2	14	27	4	16	21	18	3.4	—	—	—	1*3	135	225	8.2
★ SFK0825		2.5	1.2	16	29	4	26	23	20	3.4	—	—	—	1*3	177	278	8.2
★ SFK1002	10	2	1.2	18	35	5	28	27	22	4.5	—	—	—	1*3	185	305	10.1
★ SFK1004		4	2	26	46	10	34	36	28	4.5	—	—	—	1*3	395	590	10.4
★ SFK1202	12	2	1.2	20	37	5	28	29	24	4.5	—	—	—	1*4	173	317	16.1
★ SFK1204		4	2.5	24	40	6	28	32	25	3.5	—	—	—	1*3	454	722	12.5
★ SFK1205		5	2.5	22	37	8	39	29	24	4.5	—	—	—	1*3	619	883	12.5
★ SFK1402	14	2	1.2	21	40	6	23	31	26	5.5	—	—	—	1*4	287	633	18.6
SFK1602	16	2	1.2	25	43	10	40	35	29	5.5	—	—	—	1*4	253	670	21.2
SFK2002	20	2	1.2	50	80	15	55	65	68	6.5	10.5	6	M6	1*6	397	1269	39.6
SFK2502	25	2	1.2	50	80	13	43	65	68	6.5	10.5	6	M6	1*5	375	1331	41.1
SFK2503		3	2.381	40	63	11	51	51	48	5.5	9.5	5.5	M6	1*6	1100	3076	50.1

Unit of Load ratings : kgf 1kgf=9.8N

Note: Size $\Phi 4 \sim \Phi 6$ Nuts do not have seals.
Standard nuts is without seals, if you need pls inform salesman,
Model marked with sign ★ can produce left helix.

Recommended Shaft End Size For Support Unit Type BK, FK and EK(Fixed End)



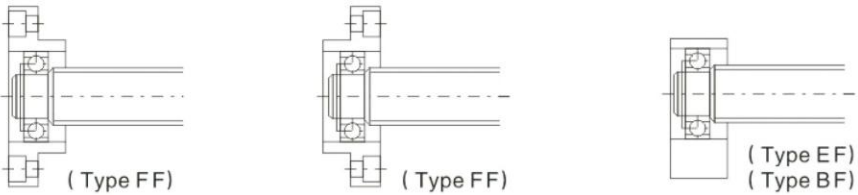
Unit: mm

Model No.	Ball Screw Shaft OD	Shaft Support Portion OD				Metric Screw Thread	
Type BK	d	A	B	E	F	M	S
BK10	12/14/15	10	8	39	15	M10X1	16
BK12	14/15/16	12	10	39	15	M12X1	14
BK15	18/20	15	12	40	20	M15X1	12
BK17	20/25	17	15	53	23	M17X1	17
BK20	25/28	20	17	53	25	M20X1	15
BK25	32/36	25	20	65	30	M25X1.5	18
BK30	36/40	30	25	72	38	M30X1.5	25
BK35	45	35	30	81	45	M35X1.5	28
BK40	50	40	35	93	50	M40X1.5	35

Unit: mm

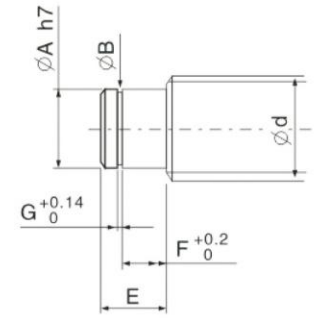
Model No.		Ball Screw Shaft OD	Shaft Support Portion OD				Metric Screw Thread	
Type FK	Type EK	d	A	B	E	F	M	S
FK6	EK6	8	6	4	28	8	M6X0.75	8
FK8	EK8	10/12	8	6	32	9	M8X1	10
FK10	EK10	12/14/15	10	8	36	15	M10X1	11
FK12	EK12	14/15/16	12	10	36	15	M12X1	11
FK15	EK15	18/20	15	12	47	20	M15X1	13
FK20	EK20	25/28/30	20	17	62	25	M20X1	17
FK25	—	30/32/36	25	20	76	30	M25X1.5	20
FK30	—	36/40	30	25	72	38	M30X1.5	25

For Support Unit Type BF, FF and EF(Floated End)



Unit: mm

Model No.			Ball Screw Shaft OD	Shaft Support Portion OD
Type FF	Type EF	Type BF	d	A
FF10	EF10	BF10	12/14/15	8
FF12	EF12	BF12	14/15/16	10
FF15	EF15	BF15	18/20	15
FF17	-	BF17	20/25	17
FF20	EF20	BF20 (NOTE)	25/28/30	20
FF25	-	BF25	30/32/36	25
FF30	-	BF30	36/40	30
-	-	BF35	40/45	35
-	-	BF40	50	40

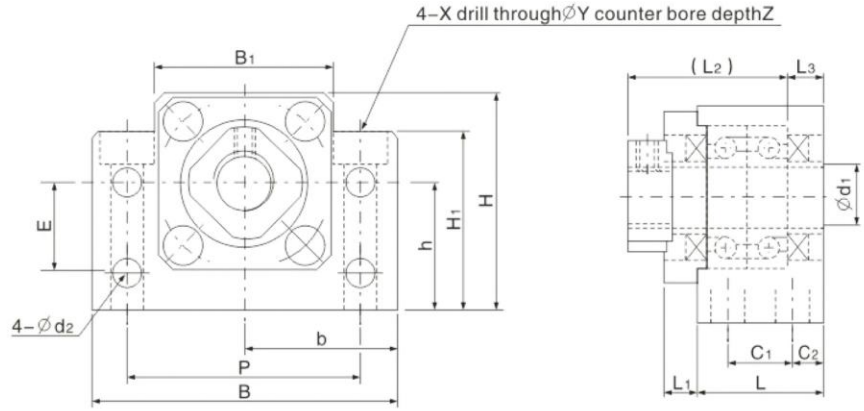


Note:
In this table, dimensions in parentheses are those of type BF20. These dimensions differ from those of type FF20 and EF20. When placing an order, always specify the model number of the Support Unit to be used.

Unit: mm

Snap-ring Groove			
E	B	F	G
10	7.6	7	0.9
11	9.6	8	1.15
13	14.3	9	1.15
16	16.2	12	1.15
19 (16)	19	14 (12)	1.35
20	23.9	15	1.35
21	28.6	16	1.75
22	33	17	1.75
23	38	18	1.75

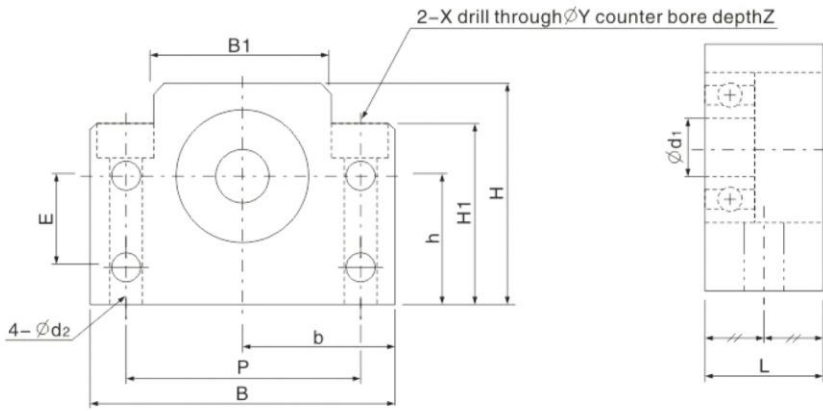
BK Fixed End



Unit: mm

Model No.	d1	L	L1	L2	L3	C1	C2	B	H	b ^{±0.02}	h ^{±0.02}	B1	H1	E	P	d2	X	Y	Z
BK10	10	25	5	29	5	13	6	60	39	30	22	34	32.5	15	46	5.5	6.6	10.8	5
BK12	12	25	5	29	5	13	6	60	43	30	25	34	32.5	18	46	5.5	6.6	10.8	1.5
BK15	15	27	6	32	6	15	6	70	48	35	28	40	38	18	54	5.5	6.6	11	6.5
BK17	17	35	9	44	7	19	8	86	64	43	39	50	55	28	68	6.6	9	14	8.5
BK20	20	35	8	43	8	19	8	88	60	44	34	52	50	22	70	6.6	9	14	8.5
BK25	25	42	12	54	9	22	10	106	80	53	48	64	70	33	85	9	11	17.5	11
BK30	30	45	14	61	9	23	11	128	89	64	51	76	78	33	102	11	14	20	13
BK35	35	50	14	67	12	26	12	140	96	70	52	88	79	35	114	11	14	20	13
BK40	40	61	18	76	15	33	14	160	110	80	60	100	90	37	130	14	18	26	17.5

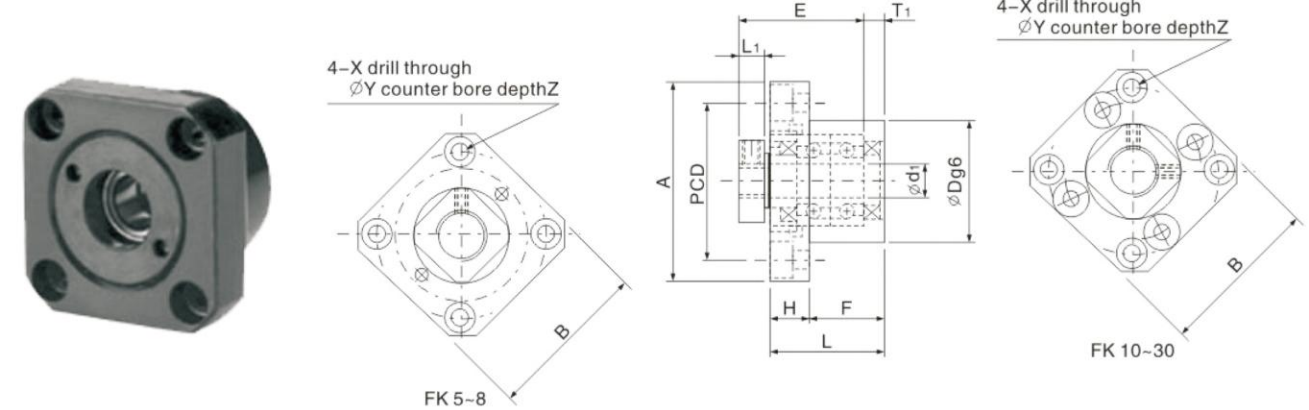
BF Floated End



Unit: mm

Model No.	d1	L	B	H	b ^{±0.02}	h ^{±0.02}	B1	H1	E	P	d2	X	Y	Z
BF10	8	20	60	39	30	22	34	32.5	15	46	5.5	6.6	10.8	5
BF12	10	20	60	43	30	25	34	32.5	18	46	5.5	6.6	10.8	1.5
BF15	15	20	70	48	35	28	40	38	18	54	5.5	6.6	11	6.5
BF17	17	23	86	64	43	39	50	55	28	68	6.6	9	14	8.5
BF20	20	26	88	60	44	34	52	50	22	70	6.6	9	14	8.5
BF25	25	30	106	80	53	48	64	70	33	85	9	11	17.5	11
BF30	30	32	128	89	64	51	76	78	33	102	11	14	20	13
BF35	35	32	140	96	70	52	88	79	35	114	11	14	20	13
BF40	40	37	160	110	80	60	100	90	37	130	14	18	26	17.5

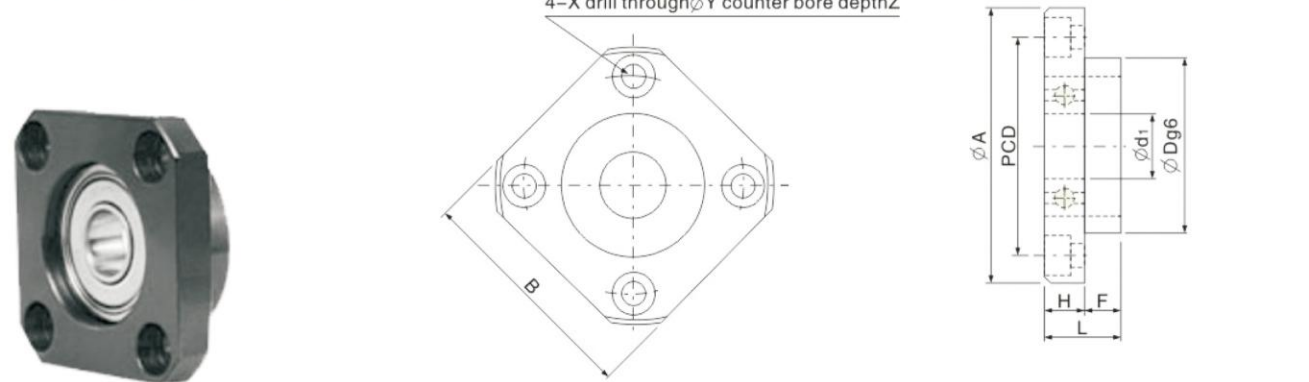
FK Fixed End



Unit: mm

Model No.	d ₁	L	H	F	E	Dg6	A	PCD	B	L ₁	T ₁	X	Y	Z
FK5	5	16.5	6	10.5	18.5	20	34	26	26	5.5	3.5	3.4	6.5	4
FK6	6	20	7	13	22	22	36	28	28	5.5	3.5	3.4	6.5	4
FK8	8	23	9	14	26	28	43	35	35	7	4	3.4	6.5	4
FK10	10	27	10	17	29.5	34	52	42	42	7.5	5	4.5	8	4
FK12	12	27	10	17	29.5	36	54	44	44	7.5	5	4.5	8	4
FK15	15	32	15	17	36	40	63	50	52	10	6	5.5	9.5	6
FK20	20	52	22	30	50	57	86	70	68	8	10	6.5	11	10
FK25	25	57	27	30	60	63	98	80	79	13	10	9	15	13
FK30	30	62	30	32	61	75	117	95	93	11	12	11	17.5	15

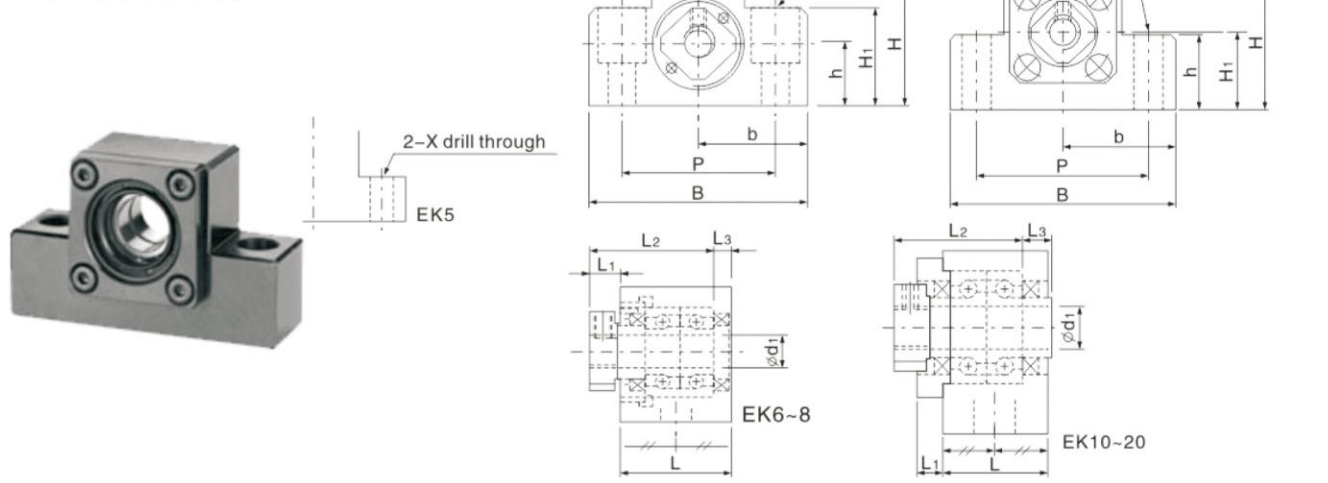
FF Floated End



Unit: mm

Model No.	d ₁	L	H	F	Dg6	A	PCD	B	X	Y	Z
FF6	6	10	6	4	22	36	28	28	3.4	6.5	4
FF10	8	12	7	5	28	43	35	35	3.4	6.5	4
FF12	10	15	7	8	34	52	42	42	4.5	8	4
FF15	15	17	9	8	40	63	50	52	5.5	9.5	5.5
FF20	20	20	11	9	57	85	70	68	6.6	11	6.5
FF25	25	24	14	10	63	98	80	79	9	14	8.5
FF30	30	27	18	9	75	117	95	93	11	17.5	11

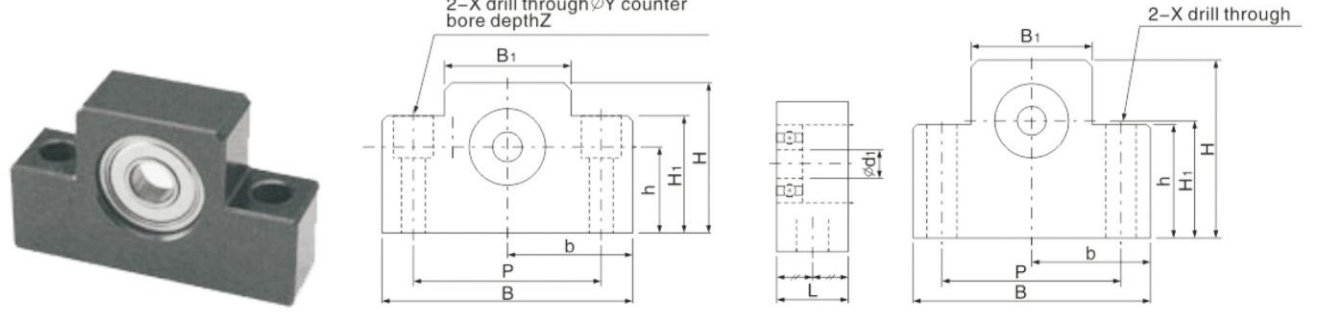
EK Fixed End



Unit: mm

Model No.	d ₁	L	L ₁	L ₂	L ₃	B	H	b ^{±0.02}	h ^{±0.02}	B ₁	H ₁	P	X	Y	Z
EK5	5	16.5	5.5	18.5	3.5	36	21	18	11	20	8	28	4.5	-	-
EK6	6	20	5.5	22	3.5	42	25	21	13	18	20	30	4.5	9.5	11
EK8	8	23	7	26	4	52	32	26	17	25	26	38	6.6	11	12
EK10	10	24	6	29.5	6	70	43	35	25	36	24	52	9	-	-
EK12	12	24	6	29.5	6	70	43	35	25	36	24	52	9	-	-
EK15	15	25	6	35	5	80	49	40	30	41	25	60	9	-	-
EK20	20	42	10	50	10	95	58	47.5	30	56	25	75	11	-	-

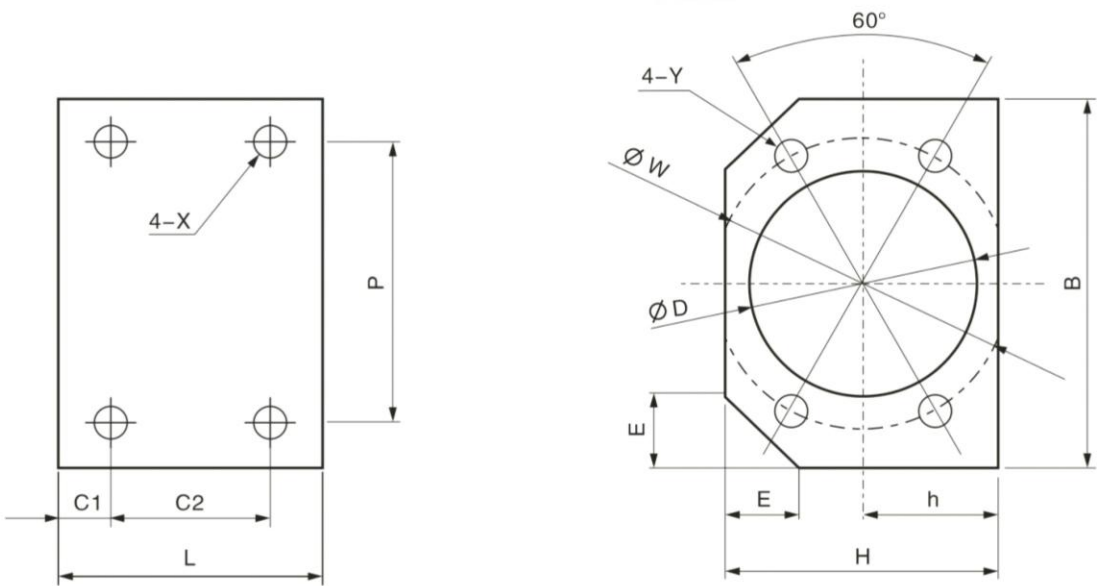
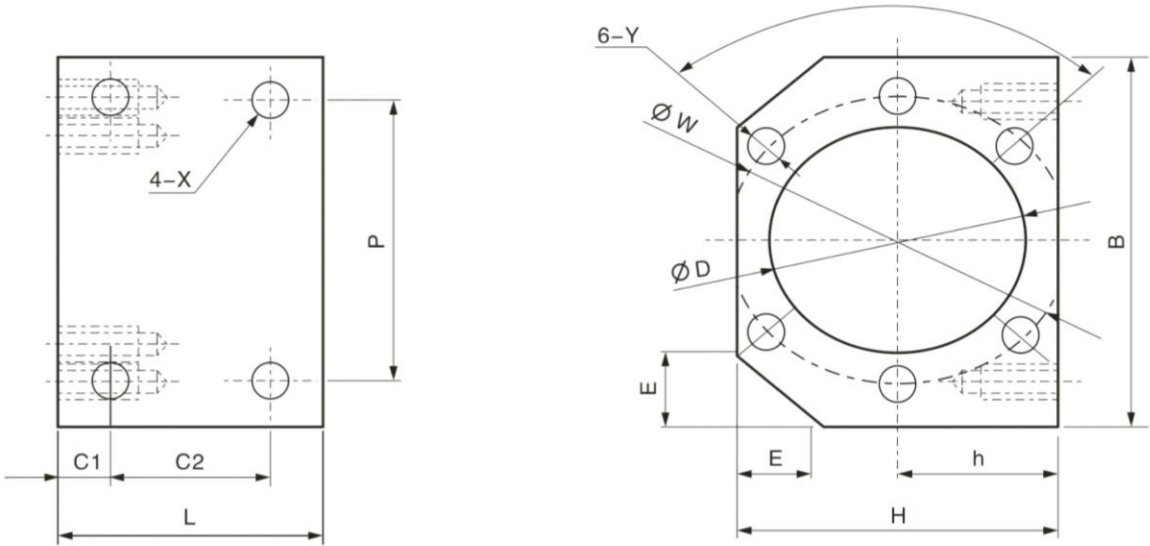
EF Floated End



Unit: mm

Model No.	d ₁	L	B	H	b ^{±0.02}	h ^{±0.02}	B ₁	H ₁	P	X	Y	Z
EF6	6	12	42	25	21	13	18	20	30	5.5	9.5	11
EF8	6	14	52	32	26	17	25	26	38	6.6	11	12
EF10	8	20	70	43	35	25	36	24	52	9	-	-
EF12	10	20	70	43	35	25	36	24	52	9	-	-
EF15	15	20	80	49	40	30	41	25	60	9	-	-
EF20	20	26	95	58	47.5	30	56	25	72	11	-	-

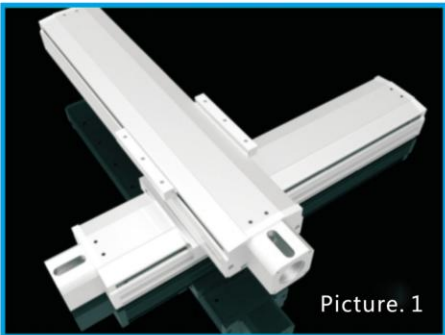
DSG Nut Housing



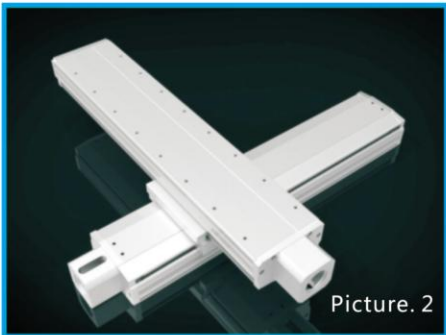
Model No.	Applicable Nut	D	B	H	h	E	L	C ₁	C ₂	P	X	W	Y
DSG12H	1204	22 24	50	30	15	1	36	6	24	35	M5	32	M4
DSG16H	1605	28	52	40	20	12	40	8	24	40	M5	38	M5
	1610												
DSG20H	2005	36	62	44	22	12	40	8	24	48	M6	47	M6
	2010												
DSG25H	2505	40	66	48	24	13	40	8	24	50	M6	51	M6
	2510												
DSG32H	3205	50	86	62	31	17	40	8	24	66	M8	65	M8
	3210												
DSG40H	4005	63	100	80	40	19	60	10.5	39	78	M8	78	M8
	4010												
DSG50H	5010	75	116	85	42.5	22	46	10	26	92	M8	93	M8

Model No.	Applicable Nut	D	B	H	h	E	L	C ₁	C ₂	P	X	W	Y
DSG1616	1616	32	55	40	20	8	27	6	15	46	M4	42	M4
DSG2020	2020	39	66	47	23.5	11	35	7.5	20	56	M5	50	M5
DSG2525	2525	47	78	55	27.5	9	35	7.5	20	68	M6	60	M6
DSG3232	3232	58	95	66	33	10	55	10	35	82	M8	74	M8

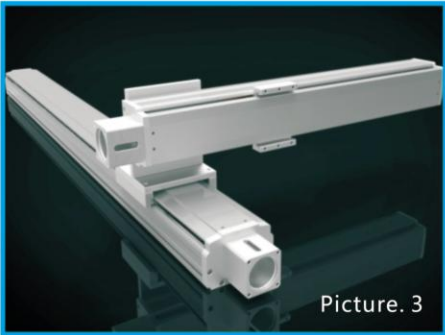
Combination Styles Robots>>>



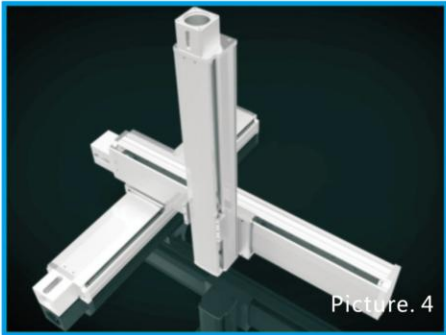
Picture. 1



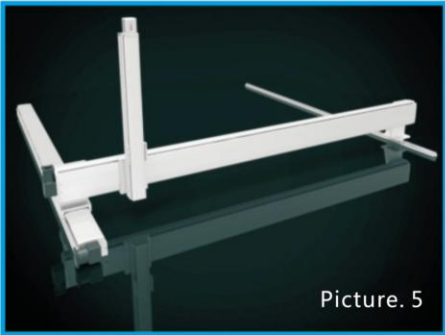
Picture. 2



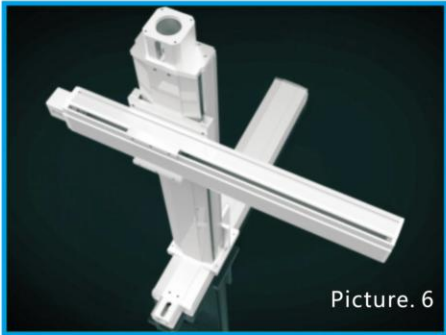
Picture. 3



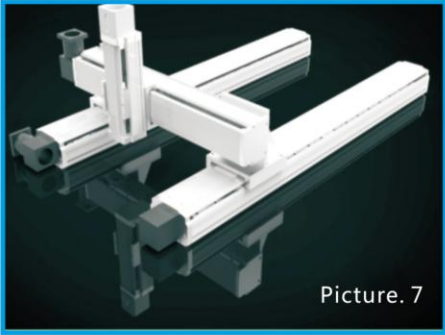
Picture. 4



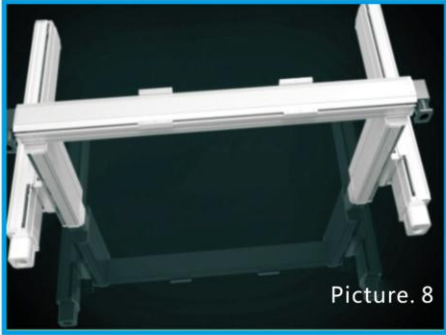
Picture. 5



Picture. 6



Picture. 7



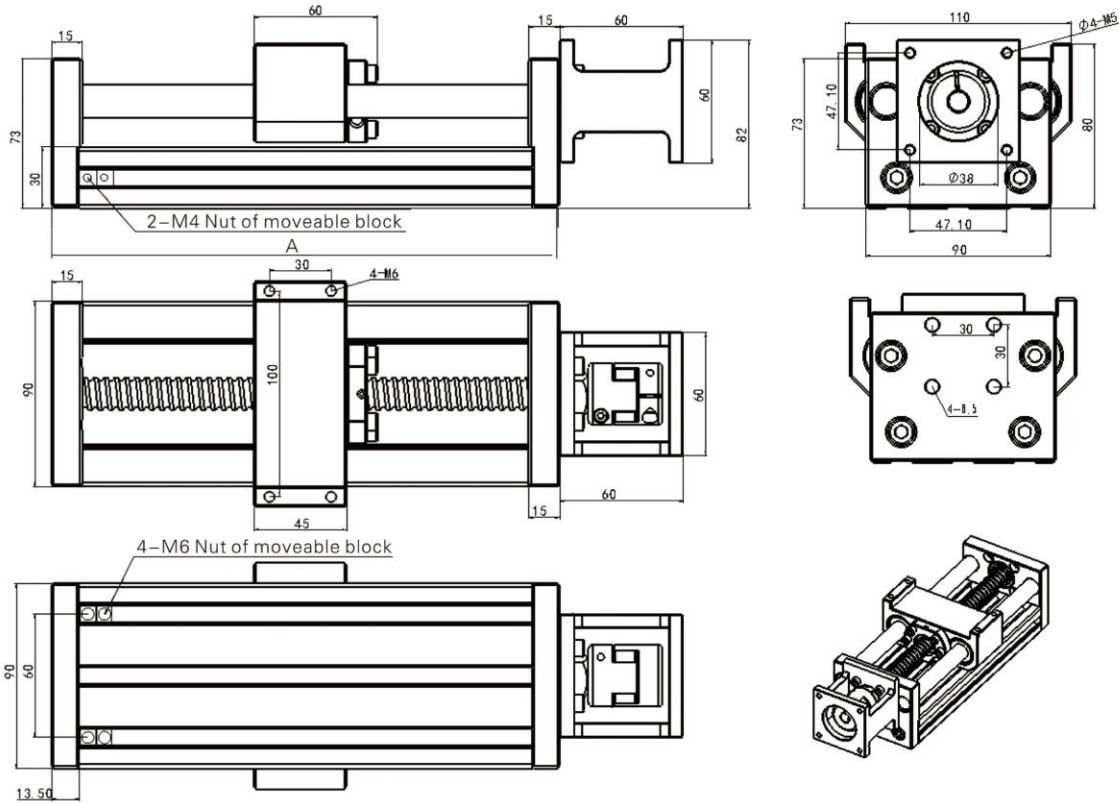
Picture. 8

YR-GZS90K



YR-GZS90K Primary Configuration/Parameters

Adaptation Motor	57/86 stepping motor, 100W/200W/400W Servo Motor			
Linear Axis	Φ 16*2 LM16UU*2			
Ball Screw	Φ 16-C7			
Repeatable Positioning Accuracy (mm)	± 0.03			
Lead Screw (mm)	5	10	16	20
Max Speed (mm/s)	250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	30	25	20
	Vertical	30	25	20
Stroke Range (mm)		100-800		



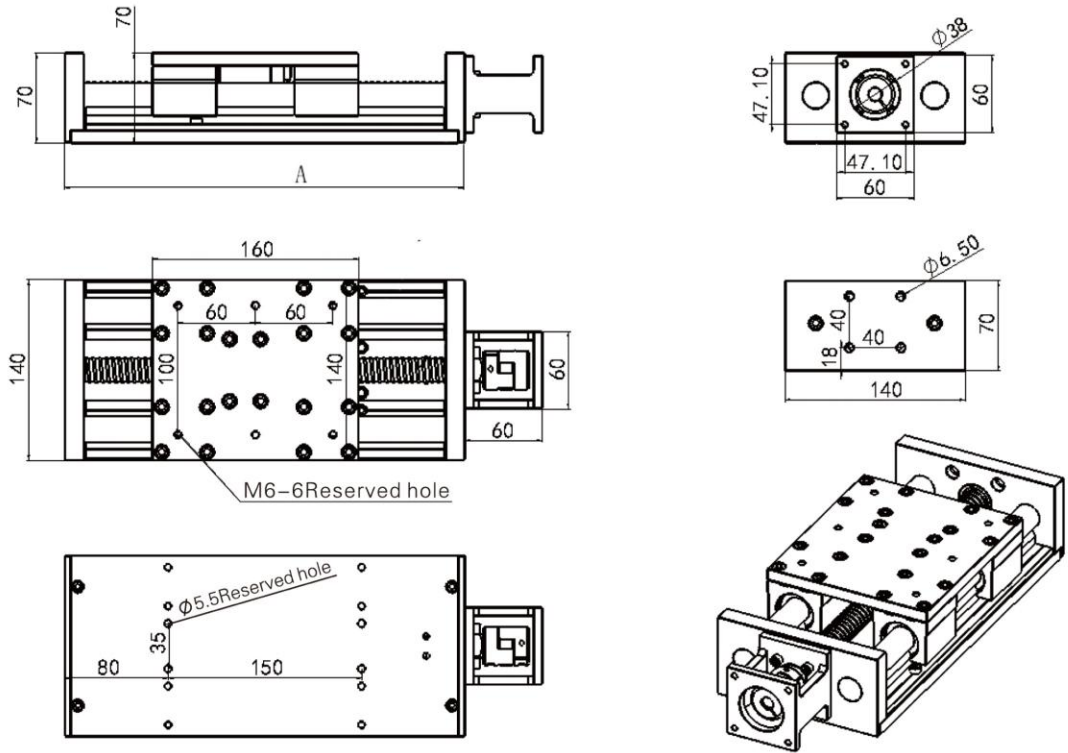
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900
Weight (kg)	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5

YR-SBRS140K



YR-SBRS140K Primary Configuration/Parameters

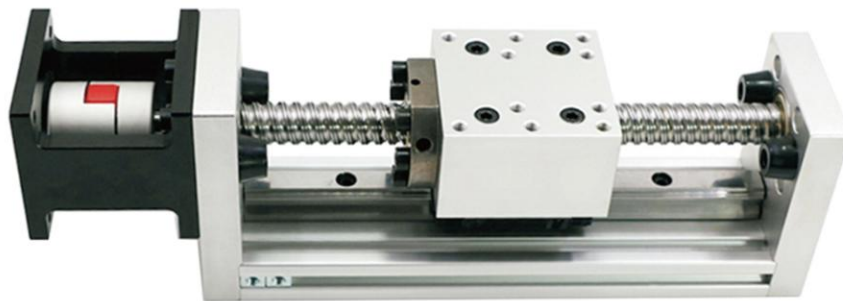
Adaptation Motor		57/86 stepping motor, 100W/200W/400W Servo Motor		
SBR Guideway		SBR20*2 SBR20UU*4		
Ball Screw		Φ20-C7		
Repeatable Positioning Accuracy (mm)		± 0.03		
Lead Screw (mm)		5	10	20
Max Speed (mm/s)		250	500	1000
Maximum Handling Weight (Kg)	Horizontal	80	40	20
	Vertical	50	25	20
Stroke Range (mm)		100-1800		



Effective stroke (mm)	100	200	300	400	500	600	700	800	900
A (mm)	310	410	510	610	710	810	910	1010	1110
Weight (kg)	5.5	7	8.5	10	11.5	13	14.5	16	17.5

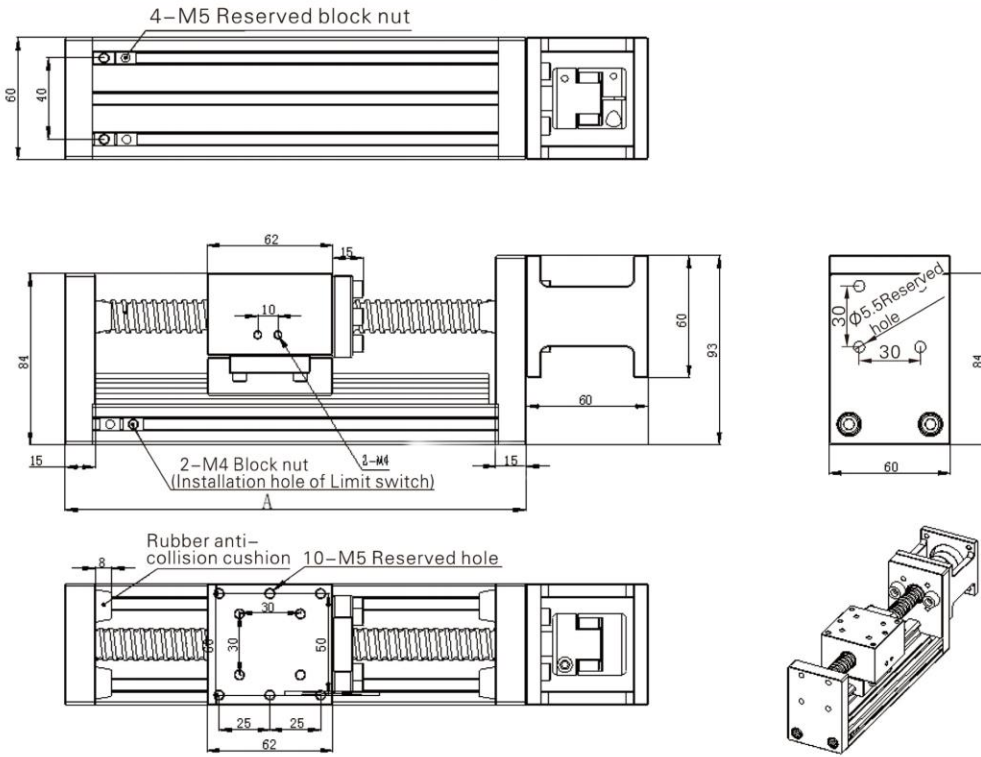
Effective stroke (mm)	1000	1100	1200	1300	1400	1500	1600	1700	1800
A (mm)	1210	1310	1410	1510	1610	1710	1810	1910	2010
Weight (kg)	19	20.5	22	23.5	25	26.5	28	29.5	31

YR-HGWS60K



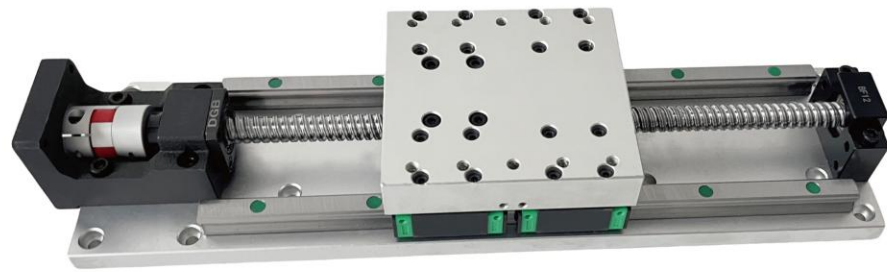
YR-HGWS60K Primary Configuration/Parameters

Adaptation Motor		57/86 stepping motor, 100W/200W/400W Servo Motor			
Linear Guideway		HGR15*1 HGW15*1			
Ball Screw		Φ16-C7			
Repeatable Positioning Accuracy (mm)		± 0.03			
Lead Screw (mm)		5	10	16	20
Max Speed (mm/s)		250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	50	45	40	35
	Vertical	30	25	20	15
Stroke Range (mm)		100-1200			



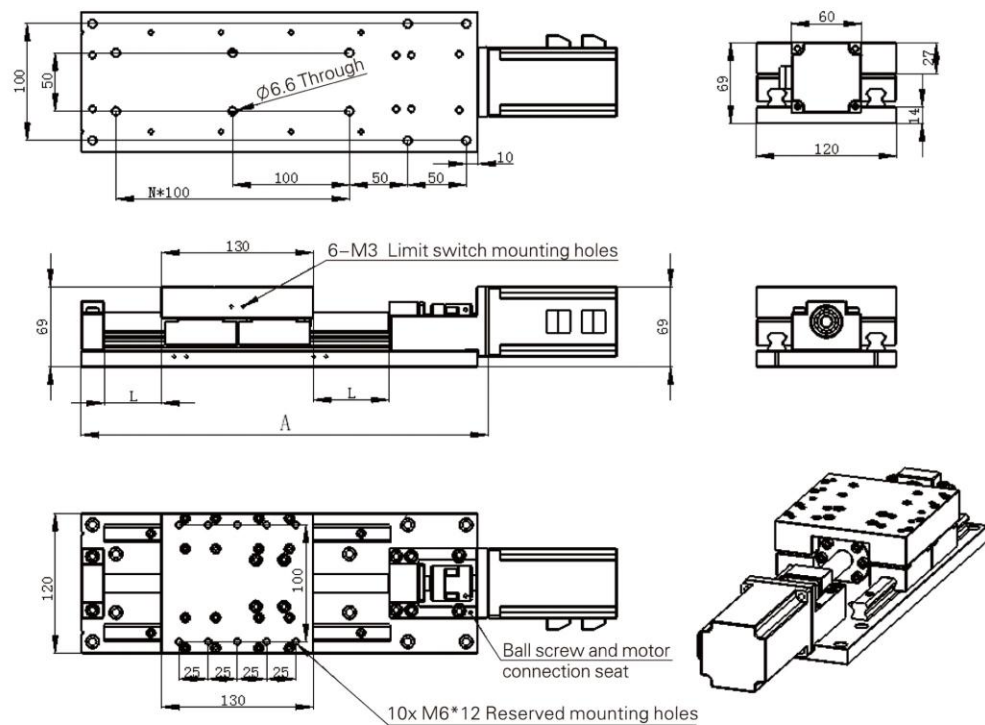
Effective stroke (mm)	100	200	300	400	500	600	700	800	900	1000	1100	1200
A (mm)	230	330	430	530	630	730	830	930	1030	1130	1230	1330
Weight (Kg)	2.5	3.3	4.1	4.9	5.7	6.5	7.3	8.1	8.9	9.7	10.5	11.3

YR-HGHS120K



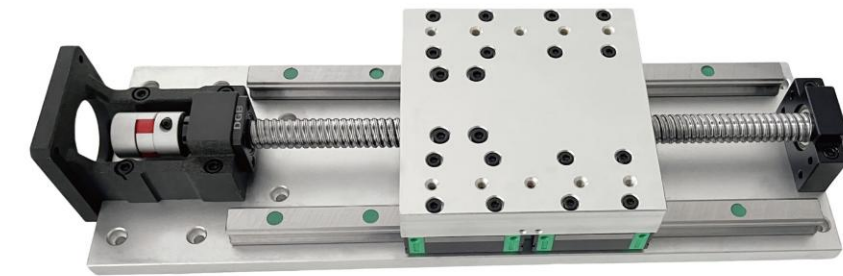
YR-HGHS120K Primary Configuration/Parameters

Adaptation Motor		57/86 stepping motor, 100W/200W/400W Servo Motor			
Linear Guideway		HGR15*2 HGH15*4			
Ball Screw		Φ16-C7			
Repeatable Positioning Accuracy (mm)		± 0.03			
Lead Screw (mm)		5	10	16	20
Max Speed (mm/s)		250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	100	70	50	30
	Vertical	30	25	20	15
Stroke Range (mm)		100-1000			



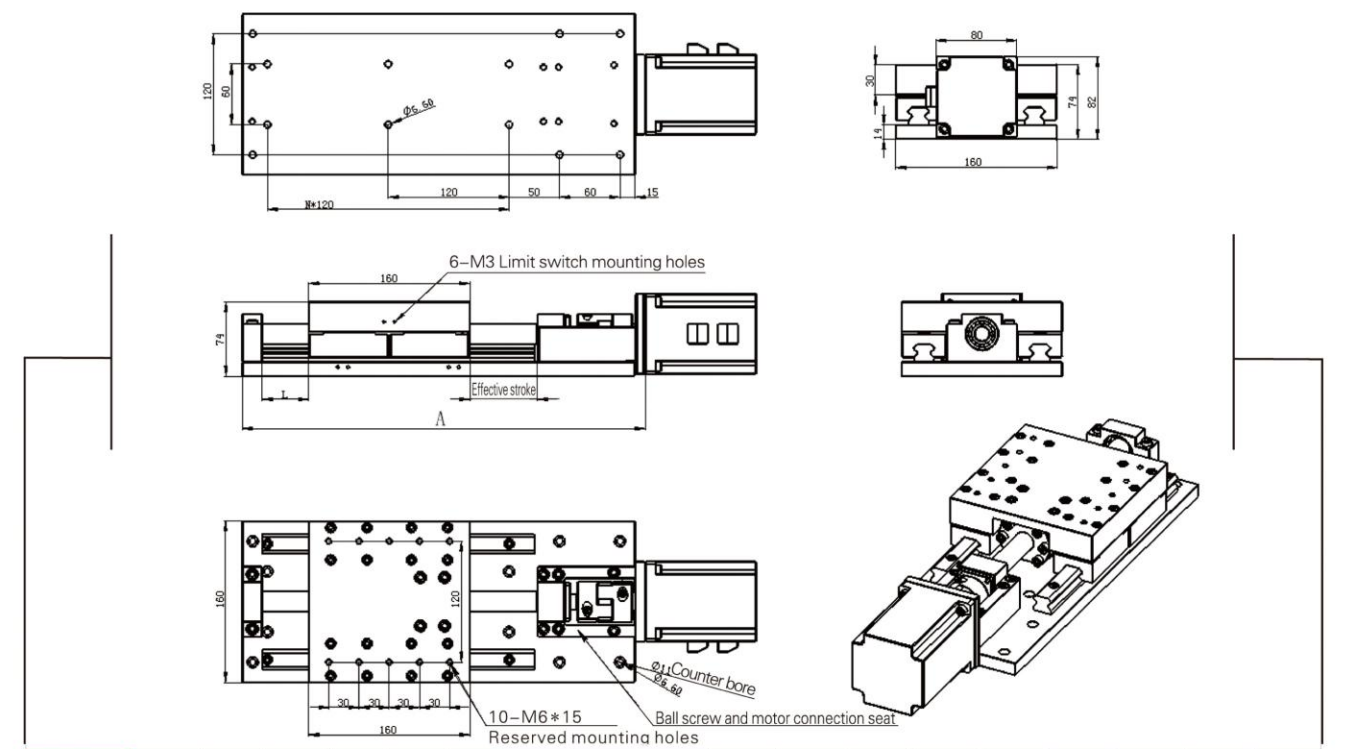
Effective stroke (mm)	100	200	300	400	500	600	700	800	900	1000	1100	1200
A (mm)	350	450	550	650	750	850	950	1050	1150	1250	1350	1450
Weight (Kg)	6.5	8	9.5	11	12.5	14	15.5	17	18.5	20	21.5	23

YR-HGHS160K



YR-HGHS160K Primary Configuration/Parameters

Adaptation Motor		80/86 stepping motor, 200W/400W/750W Servo Motor		
Linear Guideway		HGR20*2 HGH20*4		
Ball Screw		Φ20-C7		
Repeatable Positioning Accuracy (mm)		± 0.03		
Lead Screw (mm)		5	10	20
Max Speed (mm/s)		250	500	1000
Maximum Handling Weight (Kg)	Horizontal	200	100	60
	Vertical	50	25	20
Stroke Range (mm)		100-1800		



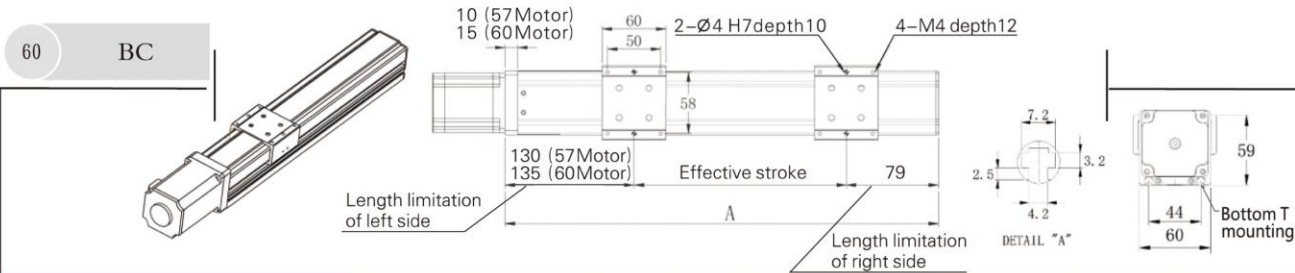
Effective stroke(mm)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
A (mm)	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100
Weight(Kg)	10	11.5	13	14.5	16	17.5	19	20.5	22	23.5	25	26.5	28	29.5	31	32.5	34	35.5

YR-MGWS60F

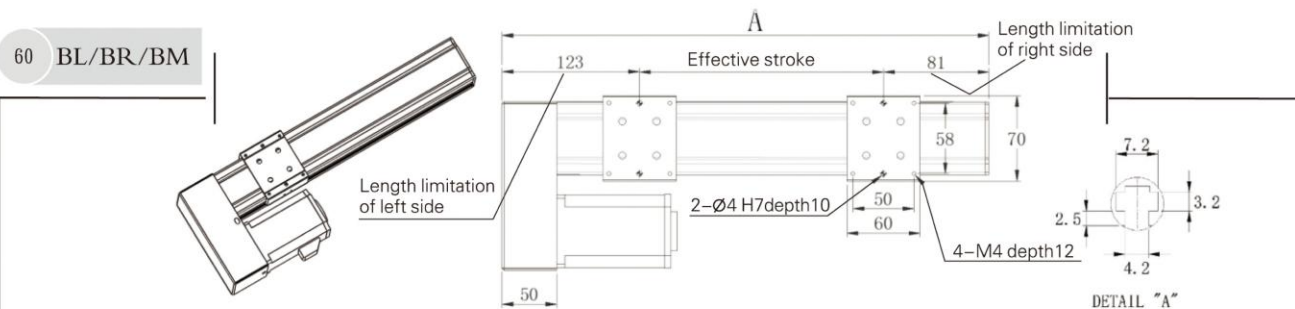


YR-MGWS60F Primary Configuration/Parameters

Adaptation Motor	57 stepping motor, 100W/200W/400W Servo Motor			
Linear Guideway	MGN12*1 MGW12H*1			
Ball Screw	Φ 12-C7			
Repeatable Positioning Accuracy (mm)	± 0.02			
Lead Screw (mm)	4	5	10	
Max Speed (mm/s)	200	250	500	
Maximum Handling Weight (Kg)	Horizontal	10	10	5
	Vertical	6	5	3
Stroke Range (mm)	50-600			



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600
A 57Motor (mm)	310	360	410	460	510	560	610	660	710	760	810
A 60Motor (mm)	315	365	415	465	515	565	615	665	715	765	815
Weight (Kg)	2	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600
A (mm)	305	355	405	455	505	555	605	655	705	755	805
Weight (Kg)	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5	5.3	5.6

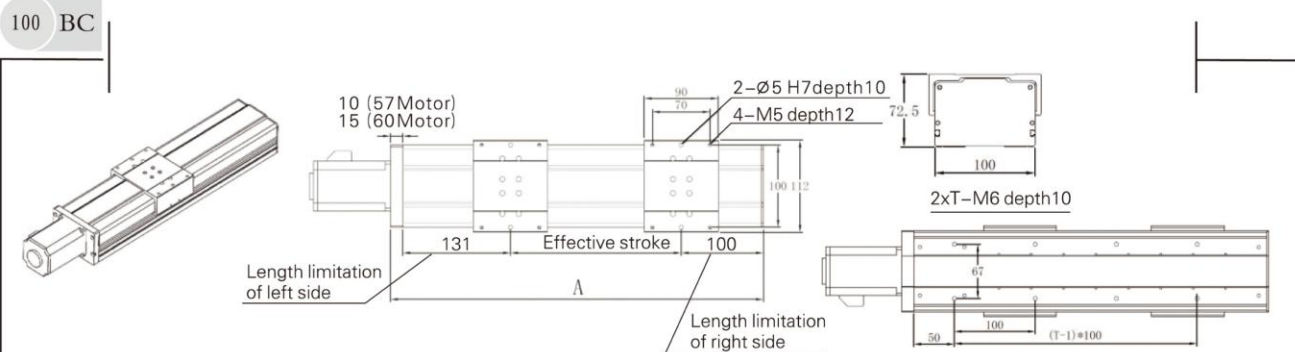
<https://www.cnballscrew.com>

YR-MGNS100F

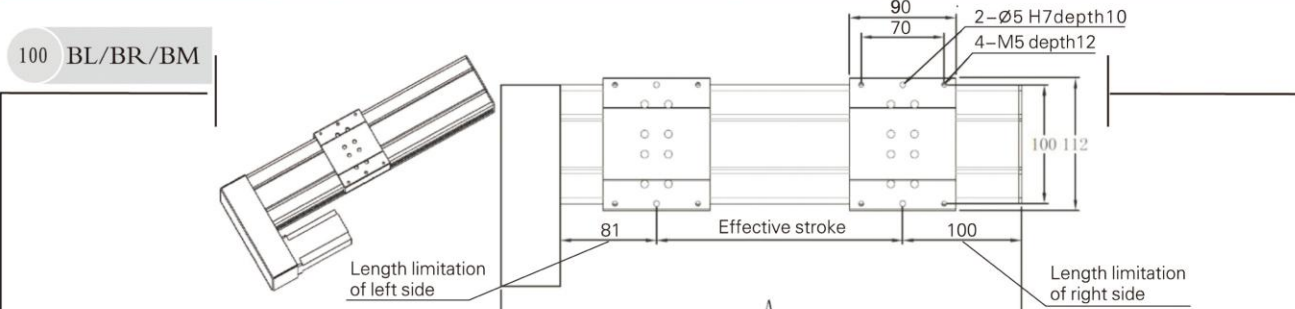


YR-MGNS100F Primary Configuration/Parameters

Adaptation Motor	57/86 stepping motor, 100W/200W/400W Servo Motor			
Linear Guideway	MGR15*2 MGN15*4			
Ball Screw	Φ 16-C7			
Repeatable Positioning Accuracy (mm)	± 0.02			
Lead Screw (mm)	5	10	16	20
Max Speed (mm/s)	250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	40	35	30
	Vertical	30	25	20
Stroke Range (mm)	100-800			



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A 57Motor (mm)	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
A 60Motor (mm)	355	405	455	505	555	605	655	705	755	805	855	905	955	1005	1055
Weight (Kg)	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5



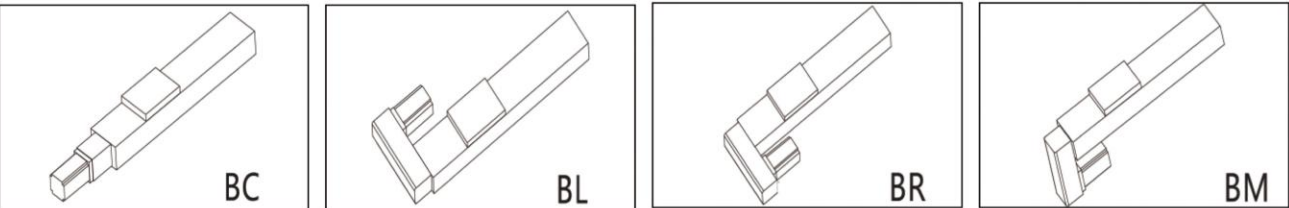
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	340	390	440	490	540	590	640	690	740	790	840	890	840	990	1040
Weight (Kg)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

YR-MGWS75F

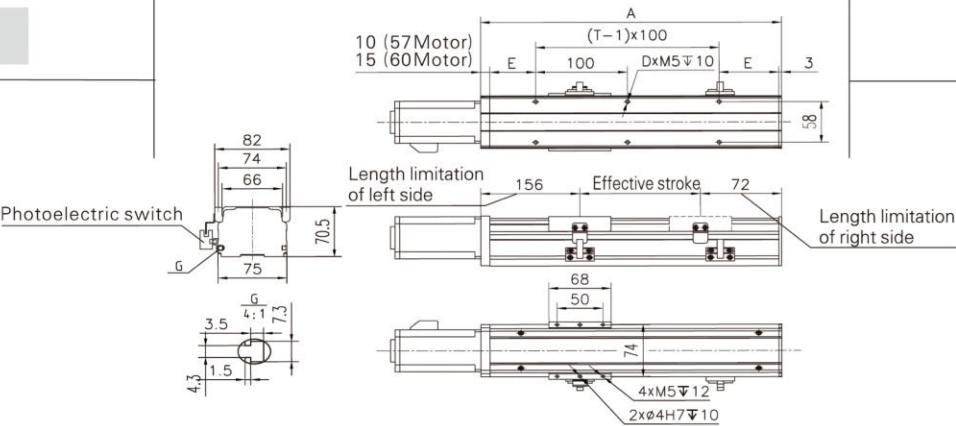


YR-MGWS75F Primary Configuration/Parameters

Adaptation Motor		57 stepping motor, 100W/200W/400W Servo Motor			
Linear Guideway		MGR12*1 MGW12H*1			
Ball Screw		Φ 16-C7			
Repeatable Positioning Accuracy (mm)		± 0.02			
Lead Screw (mm)		5	10	16	20
Max Speed (mm/s)		250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	30	25	20	15
	Vertical	30	25	20	15
Stroke Range (mm)		100-800			

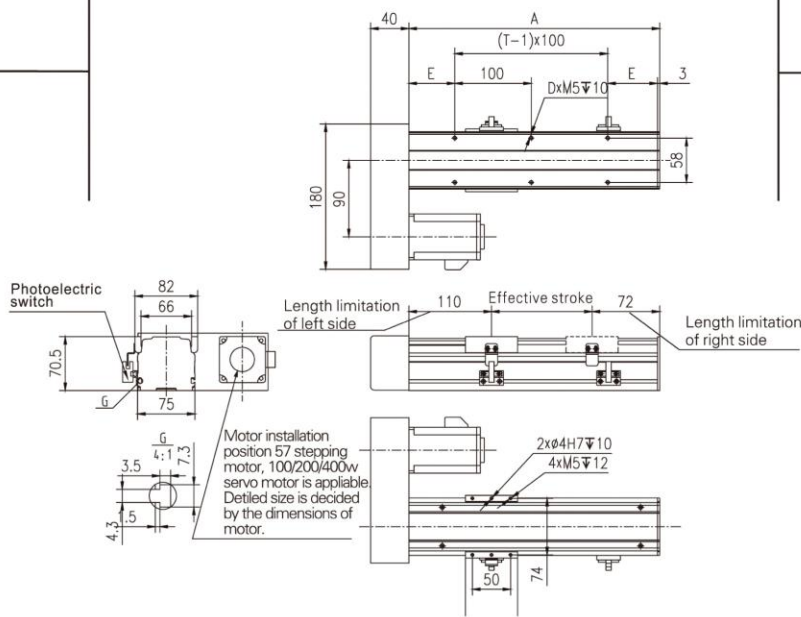


75 BC



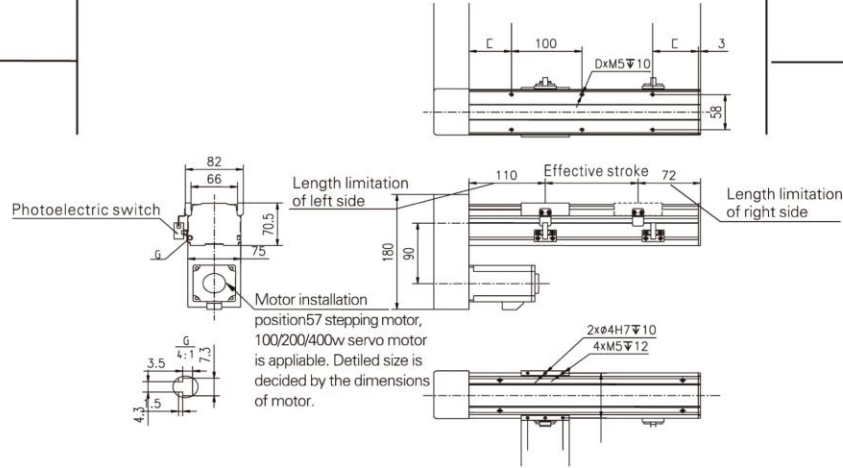
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	328	378	428	478	528	578	628	678	728	778	828	878	928	978	1028
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
E (mm)	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5	32.5	57.5
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
Weight (kg)	4	4.35	4.7	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9

75 BL/BR



Effective stroke(mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	279	329	379	429	479	529	579	629	679	729	779	829	879	929	979
D (mm)	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20
E (mm)	38	63	38	63	38	63	38	63	38	63	38	63	38	63	38
T (mm)	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10
Weight (kg)	4	4.35	4.7	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9

75 BM



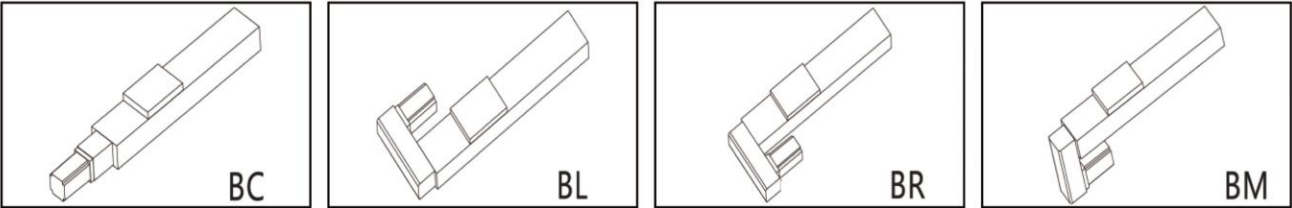
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	279	329	379	429	479	529	579	629	679	729	779	829	879	929	979
D (mm)	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20
E (mm)	38	63	38	63	38	63	38	63	38	63	38	63	38	63	38
T (mm)	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10
Weight (kg)	4	4.35	4.7	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9

YR-HGWS95F-I

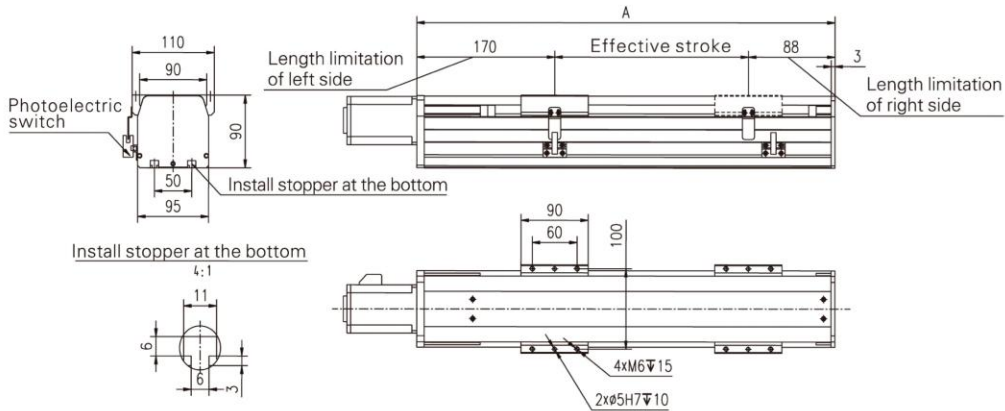


YR-HGWS95F-I Primary Configuration/Parameters

Adaptation Motor		57/86 stepping motor, 100W/200W/400W Servo Motor			
Linear Guideway		HGR20*1 HGW20*1			
Ball Screw		Φ 16-C7			
Repeatable Positioning Accuracy (mm)		± 0.02			
Lead Screw (mm)		5	10	16	20
Max Speed (mm/s)		250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	50	30	20	15
	Vertical	30	25	20	15
Stroke Range (mm)		100-800			

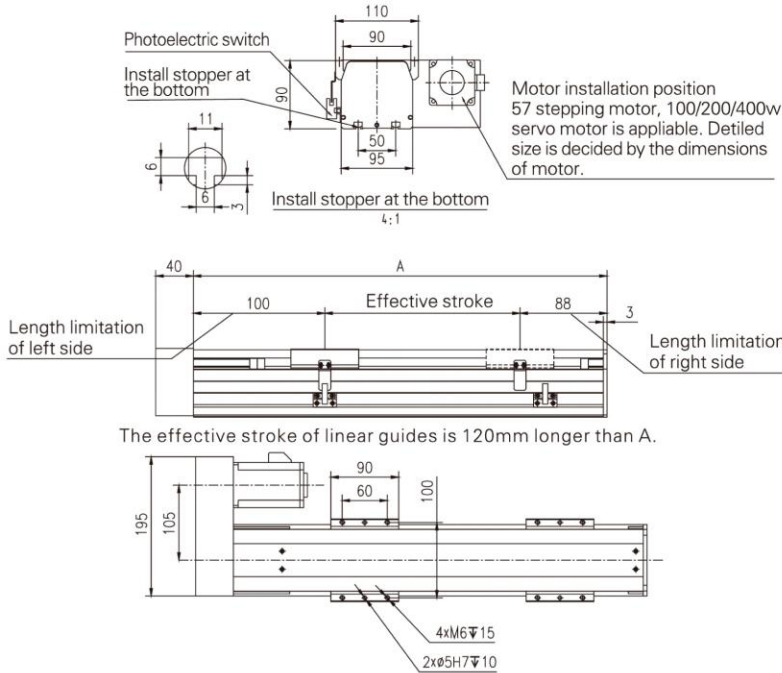


95-I BC



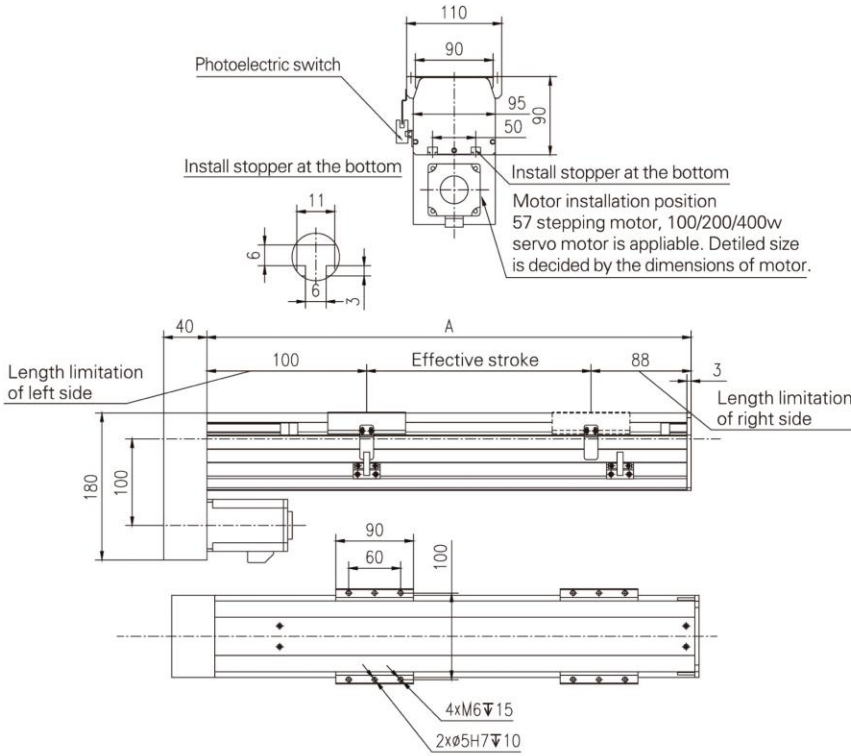
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	358	408	458	508	558	608	658	708	758	808	858	908	958	1008	1058
Weight (kg)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

95-I BL/BR



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	288	338	388	438	488	538	588	638	688	738	788	838	888	938	988
Weight (kg)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

95-I BM



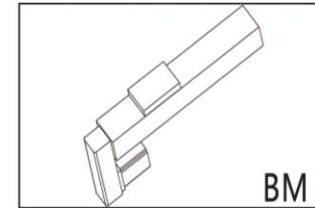
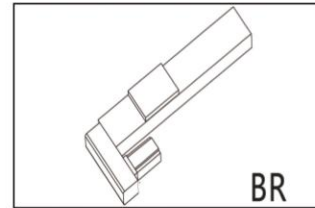
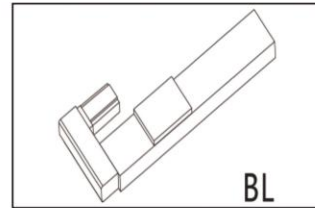
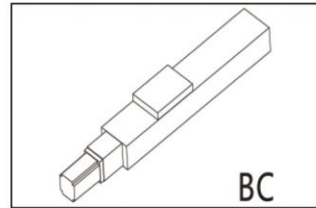
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	288	338	388	438	488	538	588	638	688	738	788	838	888	938	988
Weight (kg)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

YR-EGHS95F-II

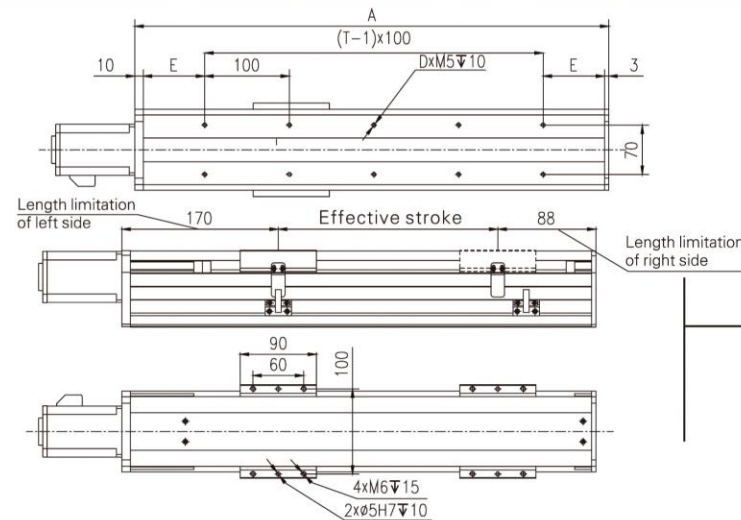
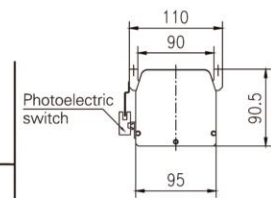


YR-EGHS95F-II Primary Configuration/Parameters

Adaptation Motor		57/86 stepping motor , 100W/200W/400W Servo Motor			
Linear Guideway		EGR15*2 EGH15*2			
Ball Screw		Φ16-C7			
Repeatable Positioning Accuracy (mm)		± 0.02			
Lead Screw (mm)		5	10	16	20
Max Speed (mm/s)		250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	60	35	25	20
	Vertical	30	25	20	15
Stroke Range (mm)		100-800			

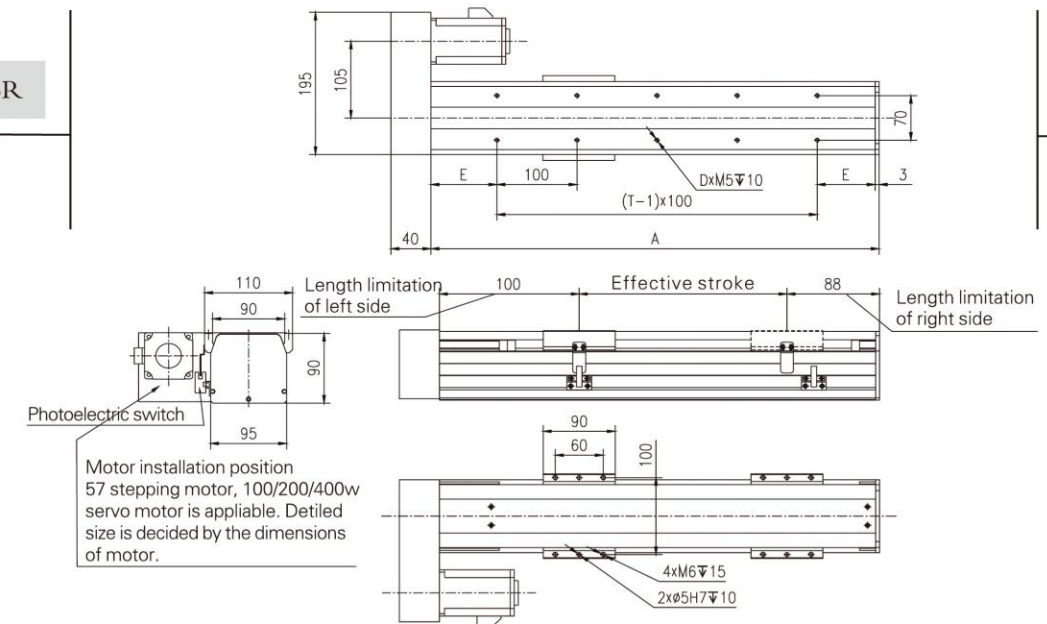


95-II BC



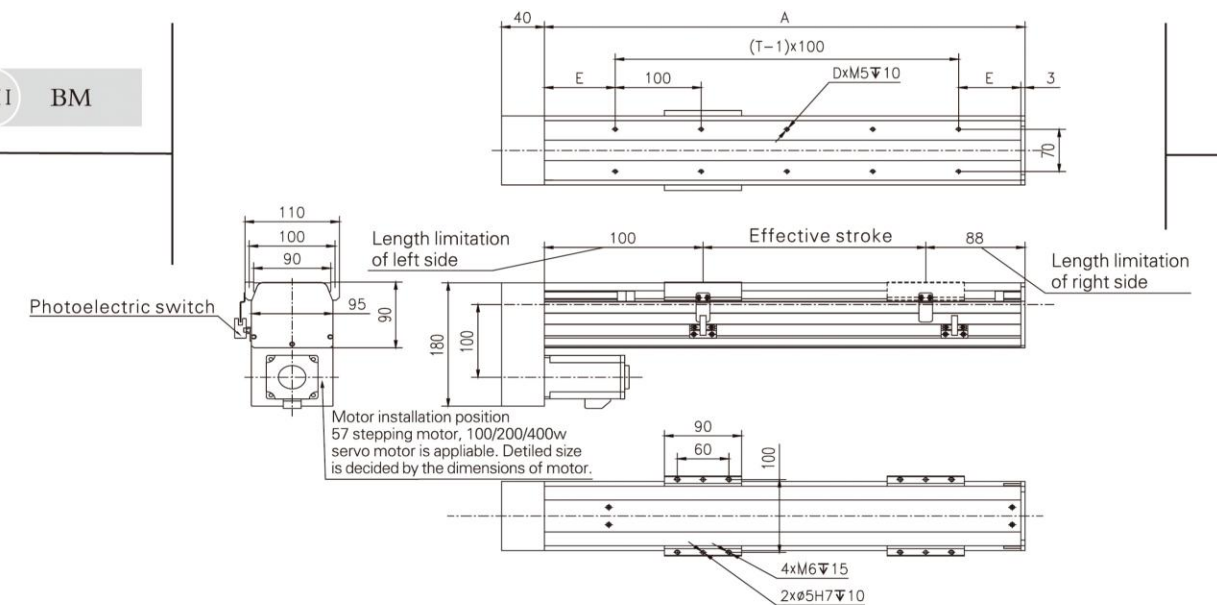
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	358	408	458	508	558	608	658	708	758	808	858	908	958	1008	1058
D (mm)	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
E (mm)	22.5	54	22.5	54	22.5	54	22.5	54	22.5	54	22.5	54	22.5	54	22.5
T (mm)	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
Weight (kg)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

95-II BL/BR



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	288	338	388	438	488	538	588	638	688	738	788	838	888	938	988
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
E (mm)	44	19	44	19	44	19	44	19	44	19	44	19	44	19	44
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
Weight (kg)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

95-11 BM



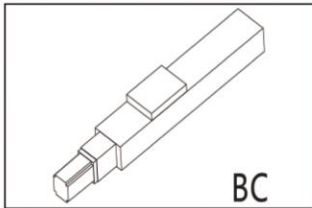
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
A (mm)	288	338	388	438	488	538	588	638	688	738	788	838	888	938	988
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
E (mm)	44	19	44	19	44	19	44	19	44	19	44	19	44	19	44
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
Weight (kg)	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12

YR-EGHS120F

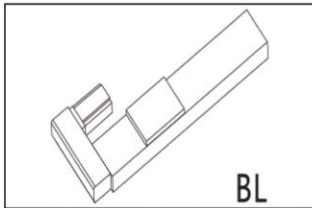


YR-EGHS120F Primary Configuration/Parameters

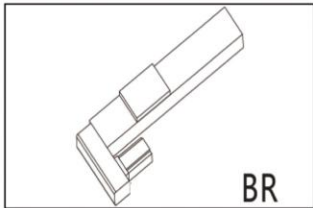
Adaptation Motor		57/86 stepping motor, 100W/200W/400W Servo Motor			
Linear Guideway		EGR15*2 EGH15*4			
Ball Screw		Φ16-C7			
Repeatable Positioning Accuracy (mm)		± 0.02			
Lead Screw (mm)		5	10	16	20
Max Speed (mm/s)		250	500	800	1000
Maximum Handling Weight (Kg)	Horizontal	80	60	30	20
	Vertical	30	25	20	15
Stroke Range (mm)		100-1000			



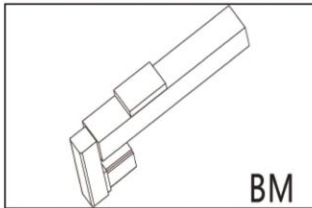
BC



BL



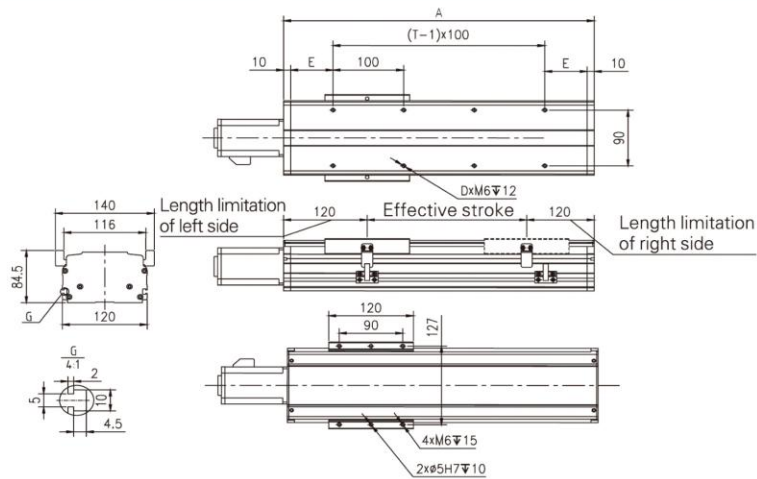
BR



BM

120

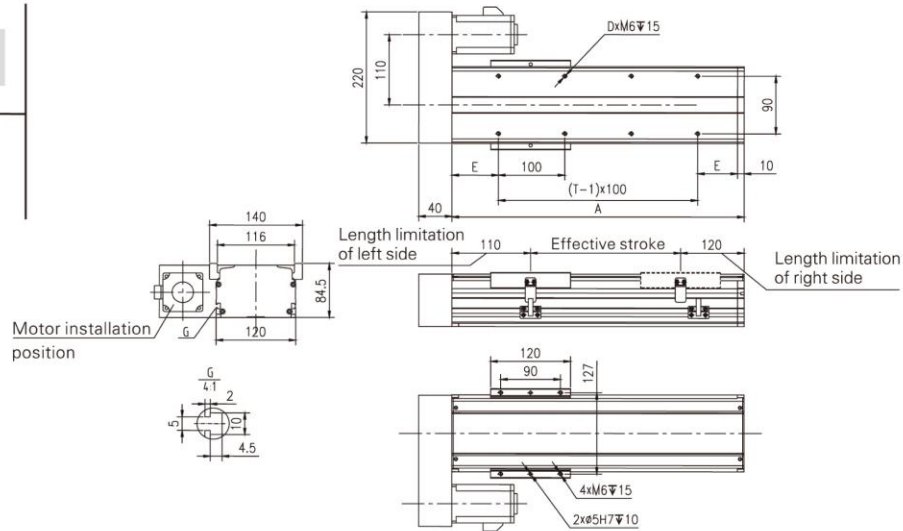
BC



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A (mm)	340	390	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
Weight (kg)	7	7.6	8.2	8.8	9.4	10	10.6	11.2	11.8	12.4	13	13.6	14.2	14.8	15.4	16	16.6	17.2	17.8

120

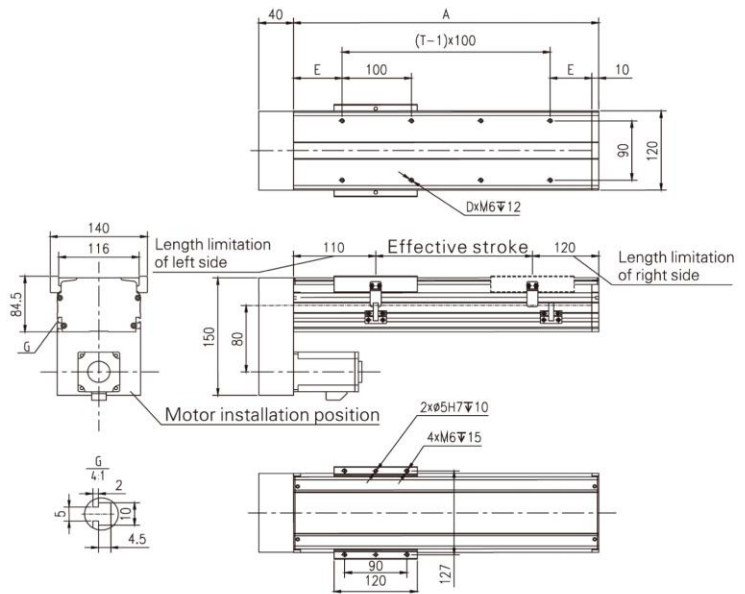
BL/BR



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A (mm)	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
Weight (kg)	7	7.6	8.2	8.8	9.4	10	10.6	11.2	11.8	12.4	13	13.6	14.2	14.8	15.4	16	16.6	17.2	17.8

120

BM



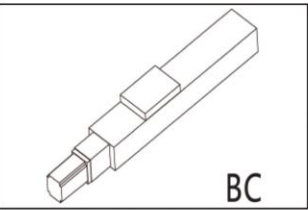
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A (mm)	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
Weight (kg)	7	7.6	8.2	8.8	9.4	10	10.6	11.2	11.8	12.4	13	13.6	14.2	14.8	15.4	16	16.6	17.2	17.8

YR-HGHS140F

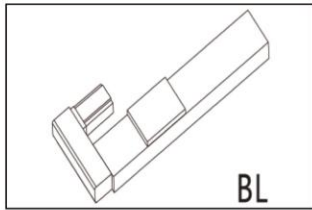


YR-HGHS140F Primary Configuration/Parameters

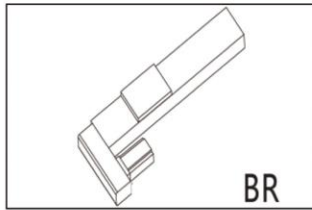
Adaptation Motor		57/86 stepping motor , 100W/200W/400W Servo Motor		
Linear Guideway		HGR15*2 HGH15*4		
Ball Screw		Φ20-C7		
Repeatable Positioning Accuracy (mm)		± 0.02		
Lead Screw (mm)		5	10	20
Max Speed (mm/s)		250	500	1000
Maximum Handling Weight (Kg)	Horizontal	150	80	30
	Vertical	50	25	20
Stroke Range (mm)		100-1200		



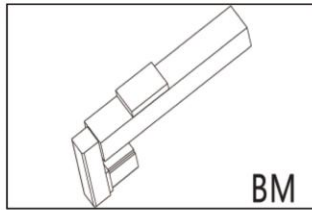
BC



BL



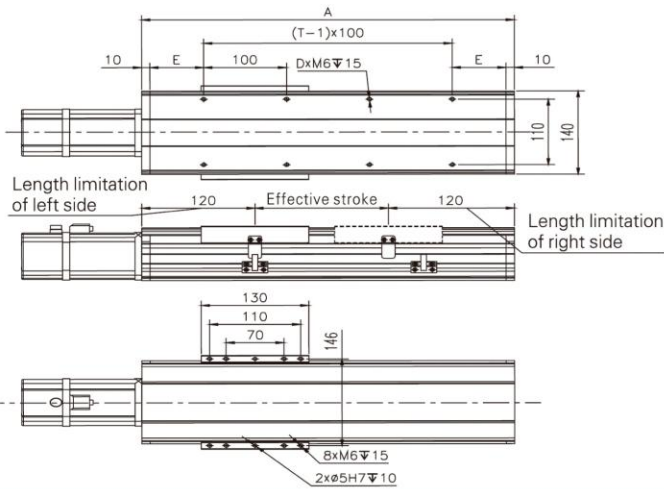
BR



BM

140

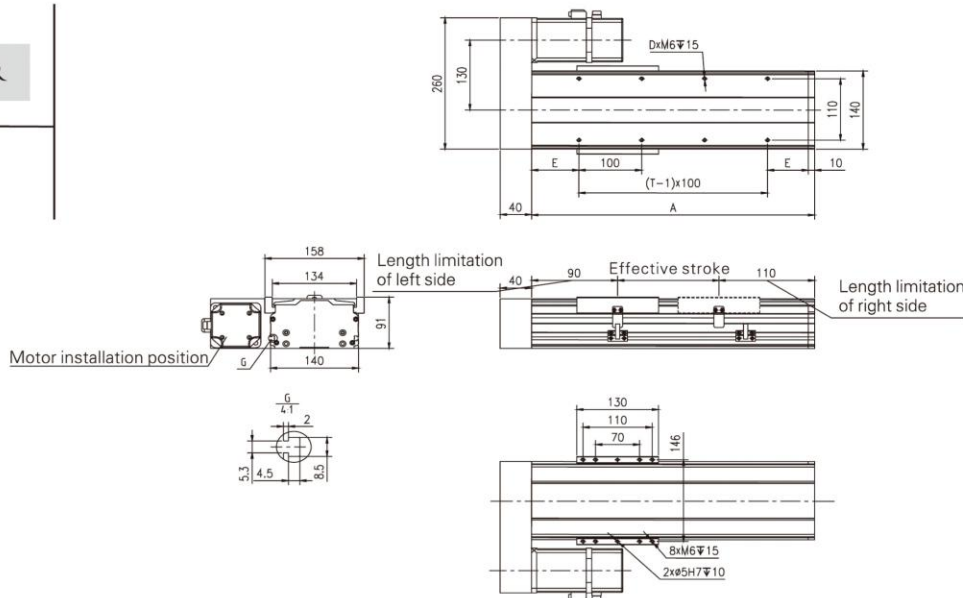
BC



Effective Stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A (mm)	340	390	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
Weight (kg)	10	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24	24.7	25.4

140

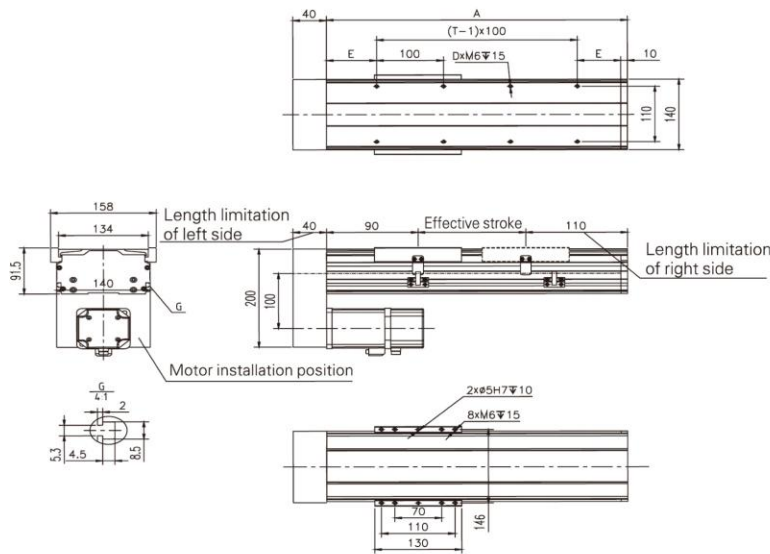
BL/BR



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A (mm)	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
Weight (kg)	10	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24	24.7	25.4

140

BM



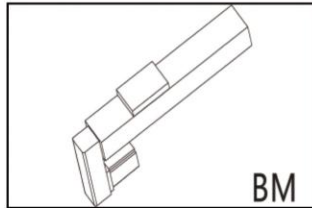
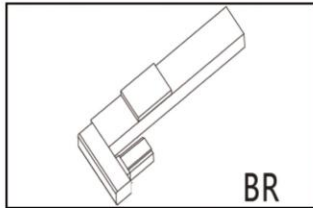
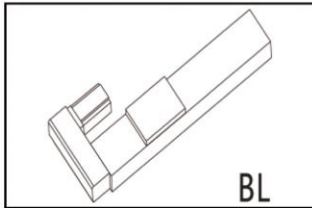
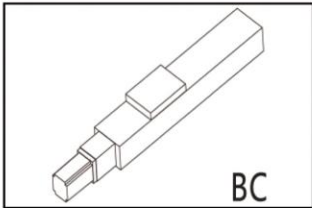
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
A (mm)	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
Weight (kg)	10	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24	24.7	25.4

YR-EGHS175F

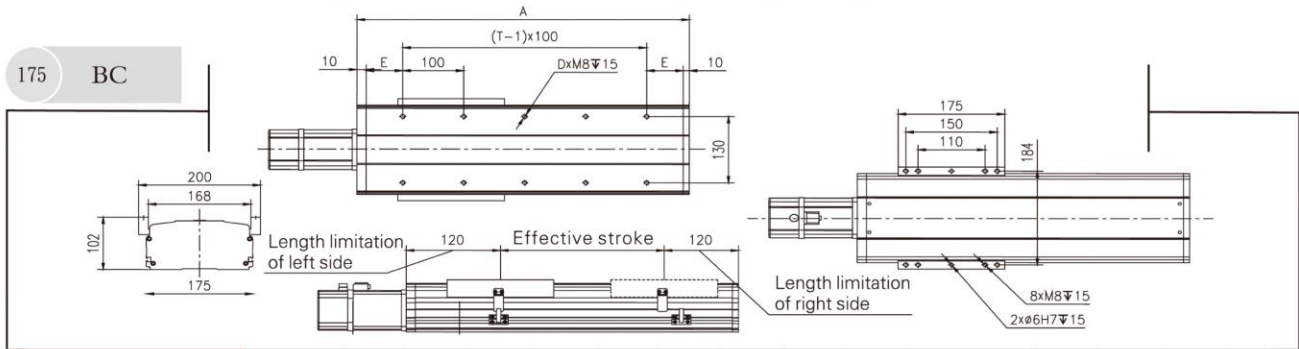


YR-EGHS175F Primary Configuration/Parameters

Adaptation Motor	86 stepping motor, 400W/750W Servo Motor		
Linear Guideway	EGR20*2 EGH20*4		
Ball Screw	Φ25-C7		
Repeatable Positioning Accuracy (mm)	± 0.02		
Lead Screw (mm)	5	10	25
Max Speed (mm/s)	250	500	1250
Maximum Handling Weight (Kg)	Horizontal	180	85
	Vertical	80	50
Stroke Range (mm)	100-1600		

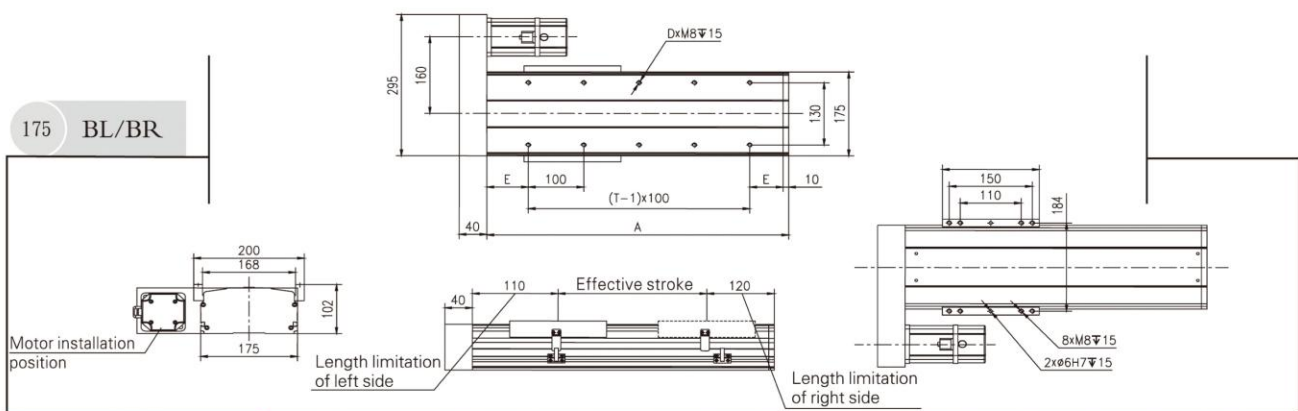


175 BC



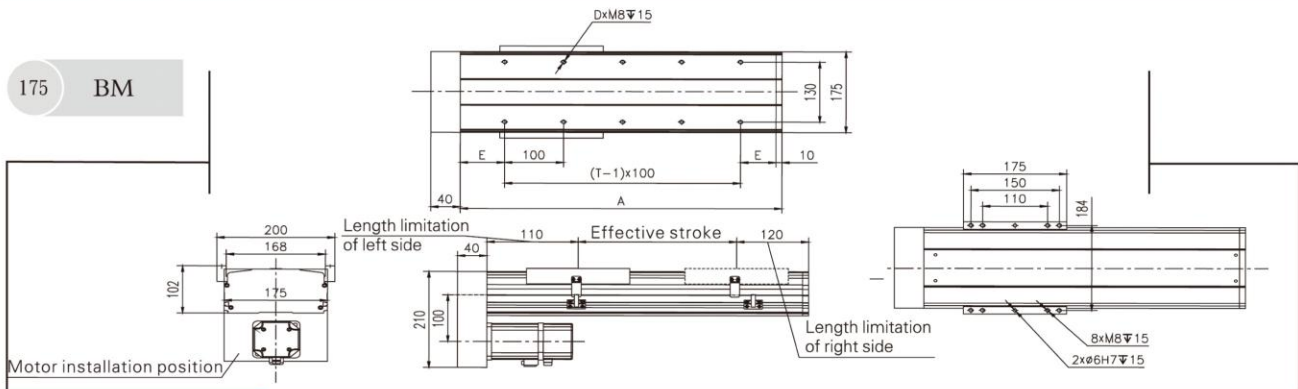
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
A (mm)	340	390	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
Weight (kg)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5
Effective stroke (mm)	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	
A (mm)	1140	1190	1240	1290	1340	1390	1440	1490	1540	1590	1640	1690	1740	1790	1840	
D (mm)	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	
T (mm)	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	
Weight (kg)	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5	

175 BL/BR



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
A (mm)	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
Weight (kg)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5
Effective stroke (mm)	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	
A (mm)	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830	
D (mm)	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	
T (mm)	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	
Weight (kg)	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5	

175 BM



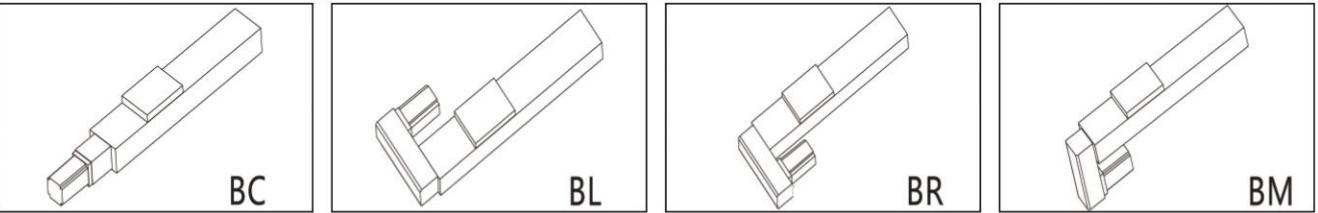
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
A (mm)	330	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
Weight (kg)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5
Effective stroke (mm)	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	
A (mm)	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680	1730	1780	1830	
D (mm)	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	
T (mm)	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	
Weight (kg)	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5	

YR-HGHS210F

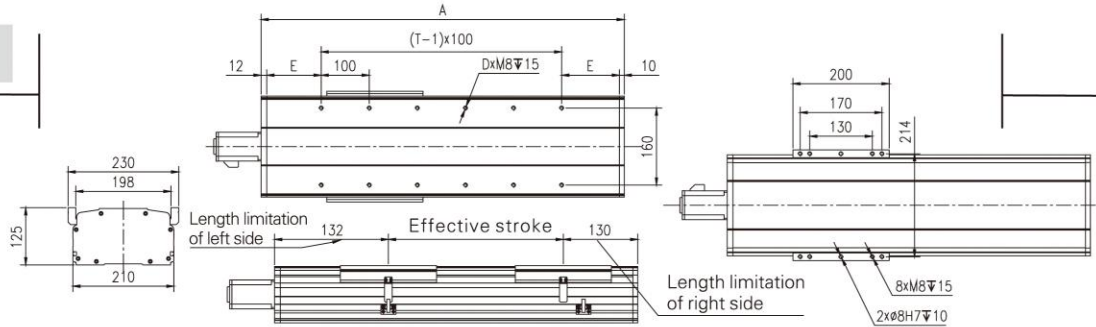


YR-HGHS210F Primary Configuration/Parameters

Adaptation Motor		86 stepping motor, 400W/750W Servo Motor		
Linear Guideway		HGR20*2 HG20*4		
Ball Screw		Φ25-C7		
Repeatable Positioning Accuracy (mm)		± 0.02		
Lead Screw (mm)		5	10	25
Max Speed (mm/s)		250	500	1250
Maximum Handling Weight (Kg)	Horizontal	200	100	60
	Vertical	80	50	25
Stroke Range (mm)		100-1600		



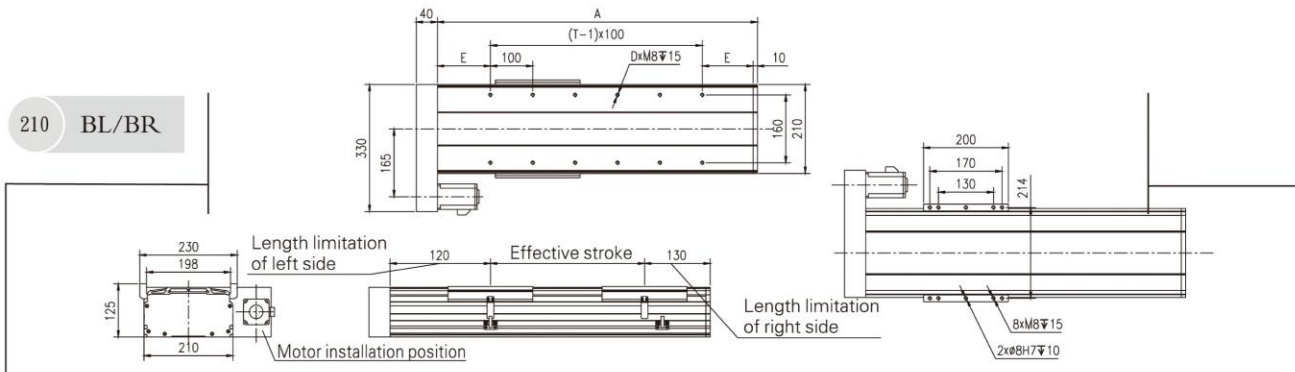
210 BC



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
A (mm)	362	412	462	512	562	612	662	712	762	812	862	912	962	1012	1062	1112
D (mm)	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22
E (mm)	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45
T (mm)	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
Weight (kg)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5

Effective stroke(mm)	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A (mm)	1162	1212	1262	1312	1362	1412	1462	1512	1562	1612	1662	1712	1762	1812	1862
D (mm)	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38
E (mm)	20	45	20	20	20	11	20	45	20	45	20	45	20	45	20
T (mm)	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Weight (kg)	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

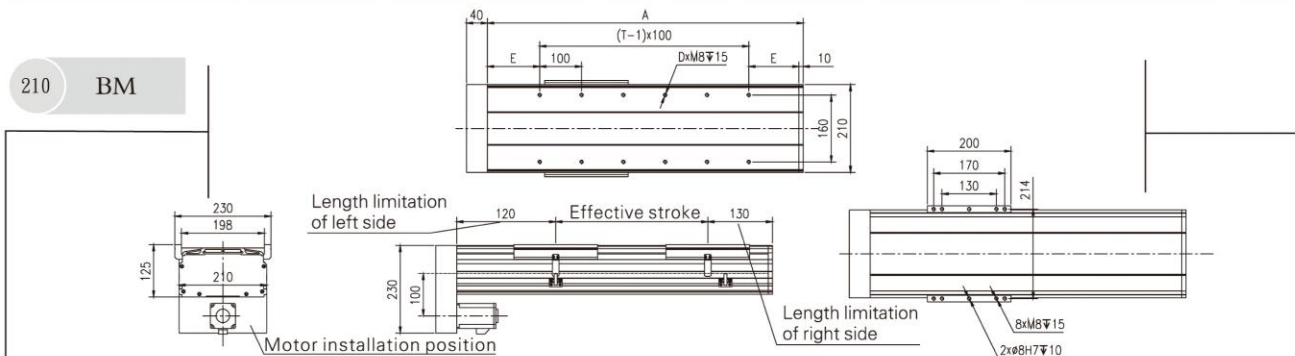
210 BL/BR



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
A (mm)	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
D (mm)	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22
E (mm)	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45
T (mm)	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
Weight (kg)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5

Effective stroke (mm)	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A (mm)	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850
D (mm)	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38
E (mm)	20	45	20	20	20	45	20	45	20	45	20	45	20	45	20
T (mm)	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Weight (kg)	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

210 BM



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
A (mm)	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
D (mm)	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22
E (mm)	20	45	20	45	20	45	20	45	20	45	20	45	20	45	20	45
T (mm)	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11
Weight (kg)	14.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5

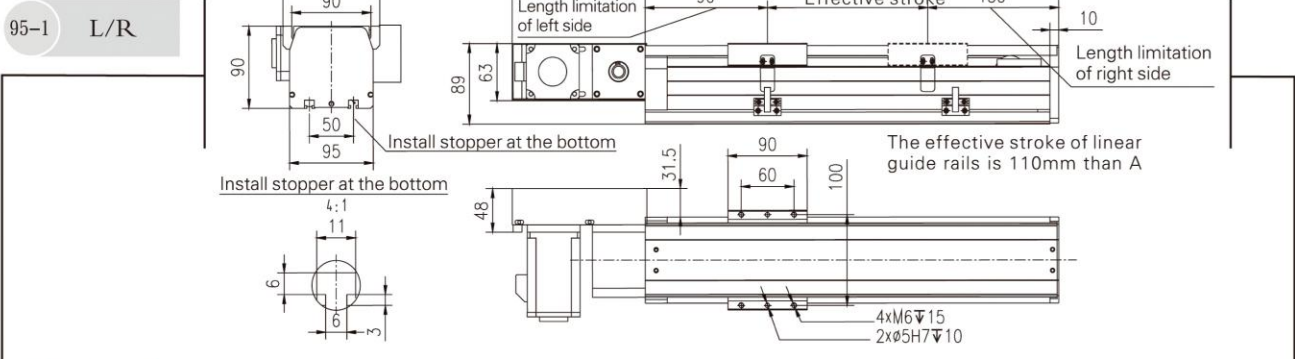
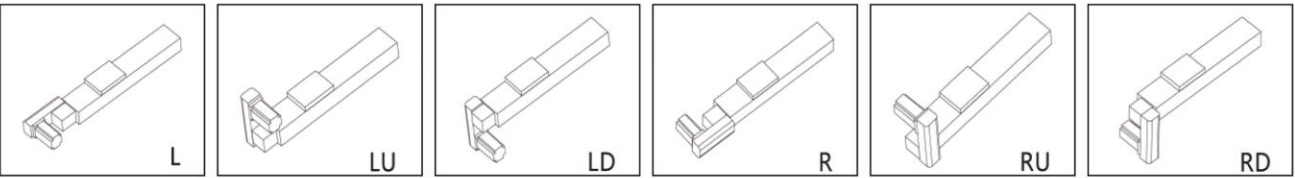
Effective stroke (mm)	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
A (mm)	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850
D (mm)	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38
E (mm)	20	45	20	20	20	45	20	45	20	45	20	45	20	45	20
T (mm)	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19
Weight (kg)	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.5	43.5	44.5

YR-EGWP95F-I



YR-EGWP95F-I Primary Configuration/Parameters

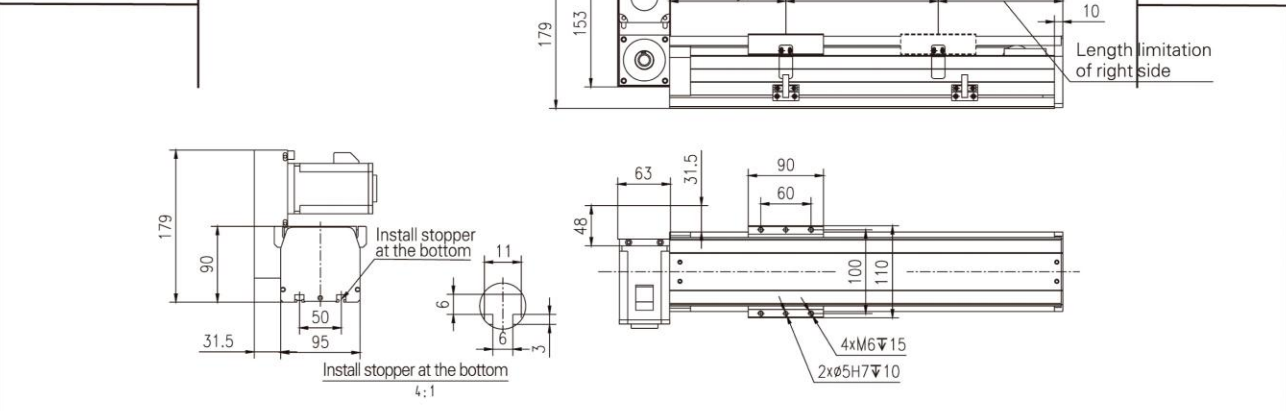
Adaptation Motor		57/86 stepping motor, 100W/200W/400W Servo Motor
Linear Guideway		EGR15*1 EGW15*1
Width of synchronous belt (mm)		25
Lead (mm)		50
Repeatable Positioning Accuracy (mm)		± 0.08
Max Speed (mm/s)		2000
Maximum Handling Weight (Kg)	Horizontal	10
	Vertical	
Stroke Range (mm)		100-2500



Effective stroke (mm)	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A (mm)	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(kg)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9

Effective stroke (mm)	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A (mm)	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
Weight(kg)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4

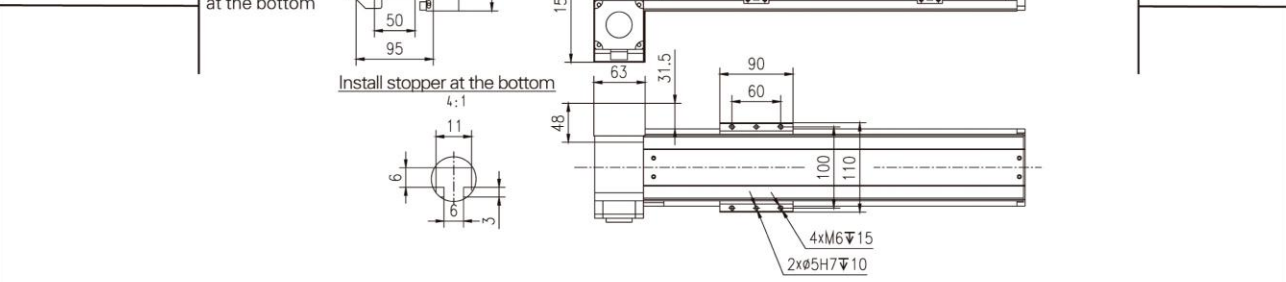
95-1 LU/RU



Effective stroke (mm)	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A (mm)	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(kg)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9

Effective stroke (mm)	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A (mm)	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
Weight(kg)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4

95-1 LD/RD



Effective stroke (mm)	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
A (mm)	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570
Weight(kg)	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9

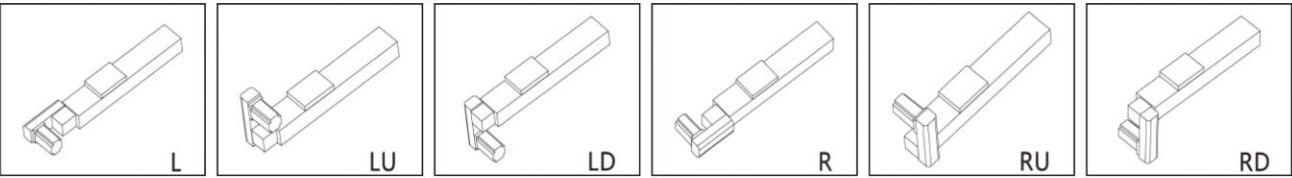
Effective stroke (mm)	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
A (mm)	1620	1670	1720	1770	1820	1870	1920	1970	2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720
Weight(kg)	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4

YR-EGHP120F

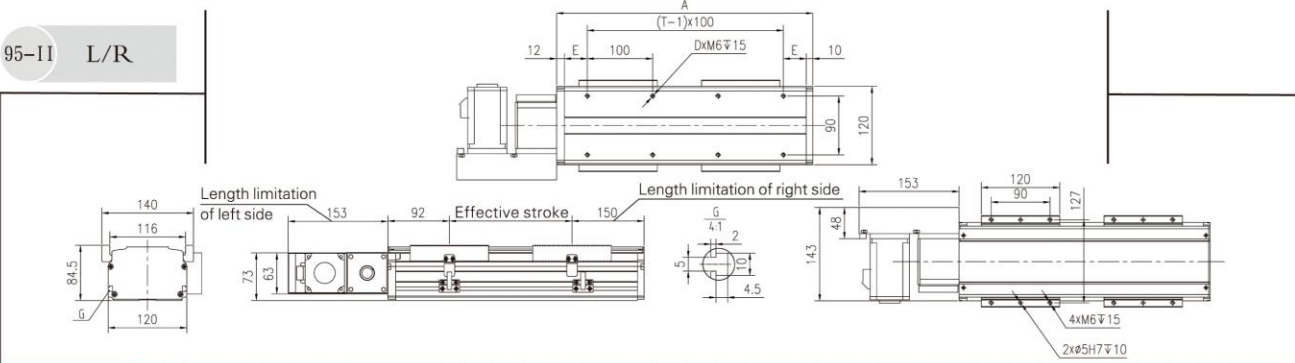


YR-EGHP120F Primary Configuration/Parameters

Adaptation Motor	57/86 stepping motor, 100W/200W/400W Servo Motor	
Linear Guideway	EGR15*2 EGH15*4	
Width of synchronous belt (mm)	25	
Lead (mm)	50	
Repeatable Positioning Accuracy (mm)	± 0.08	
Max Speed (mm/s)	2000	
Maximum Handling Weight (Kg)	Horizontal	30
	Vertical	
Stroke Range (mm)	100-3750	



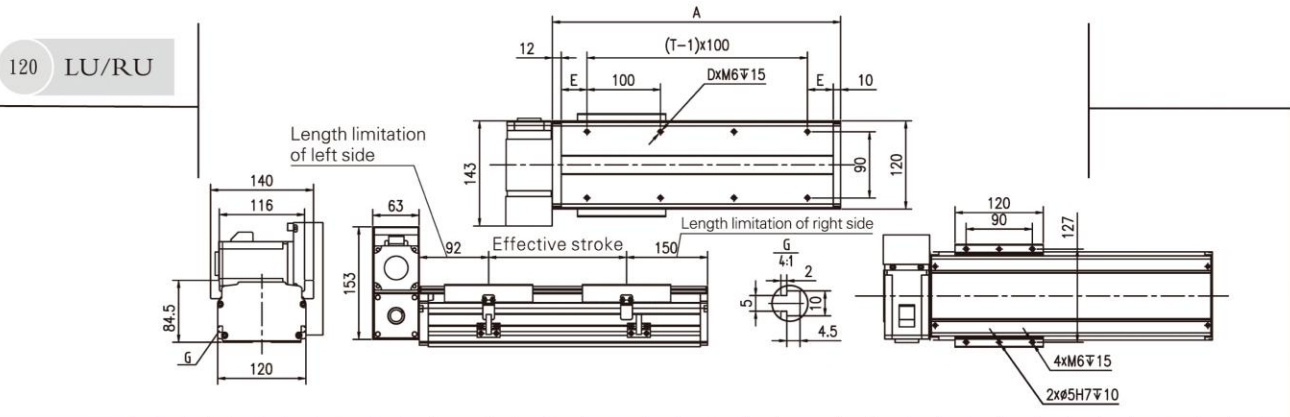
95-II L/R



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22
Weight (kg)	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3	12.9	13.5	14.1	14.7	15.3	15.9	16.5	17.1	17.7	18.3	18.9	19.5	20.1	20.7	21.3	21.9	22.5	23.1	23.7	24.3	24.9	25.5	26.1	26.7	27.3	27.9	28.5	29.1	29.7

Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A (mm)	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D (mm)	44	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight (kg)	30.3	30.9	31.5	32.1	32.7	33.3	33.9	34.5	35.1	35.7	36.3	36.9	37.5	38.1	38.7	39.3	39.9	40.5	41.1	41.7	42.3	42.9	43.5	44.1	44.7	45.3	45.9	46.5	47.1	47.7	48.3	48.9	49.5	50.1	50.7	51.3

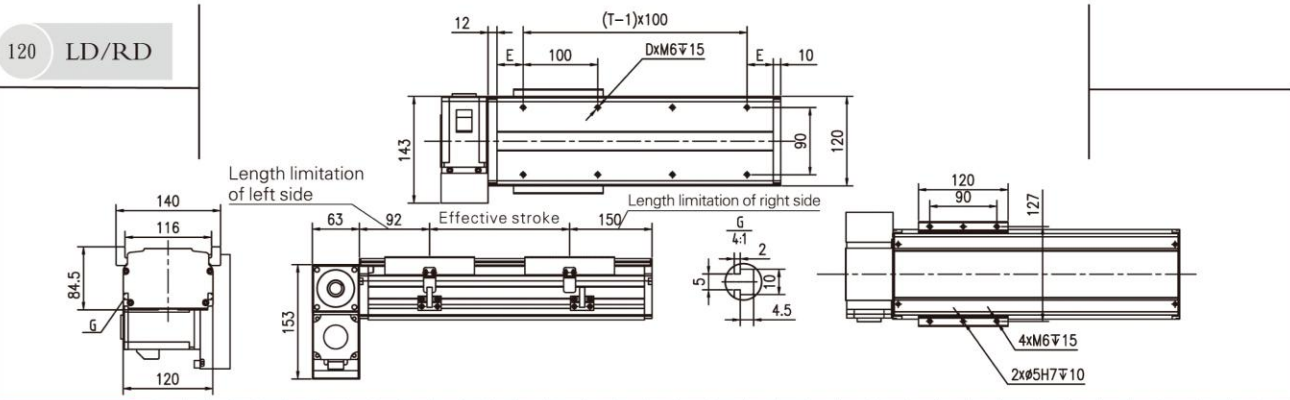
120 LU/RU



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22
Weight (kg)	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3	12.9	13.5	14.1	14.7	15.3	15.9	16.5	17.1	17.7	18.3	18.9	19.5	20.1	20.7	21.3	21.9	22.5	23.1	23.7	24.3	24.9	25.5	26.1	26.7	27.3	27.9	28.5	29.1	29.7

Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A (mm)	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D (mm)	44	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight (kg)	30.3	30.9	31.5	32.1	32.7	33.3	33.9	34.5	35.1	35.7	36.3	36.9	37.5	38.1	38.7	39.3	39.9	40.5	41.1	41.7	42.3	42.9	43.5	44.1	44.7	45.3	45.9	46.5	47.1	47.7	48.3	48.9	49.5	50.1	50.7	51.3

120 LD/RD



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22
Weight (kg)	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3	12.9	13.5	14.1	14.7	15.3	15.9	16.5	17.1	17.7	18.3	18.9	19.5	20.1	20.7	21.3	21.9	22.5	23.1	23.7	24.3	24.9	25.5	26.1	26.7	27.3	27.9	28.5	29.1	29.7

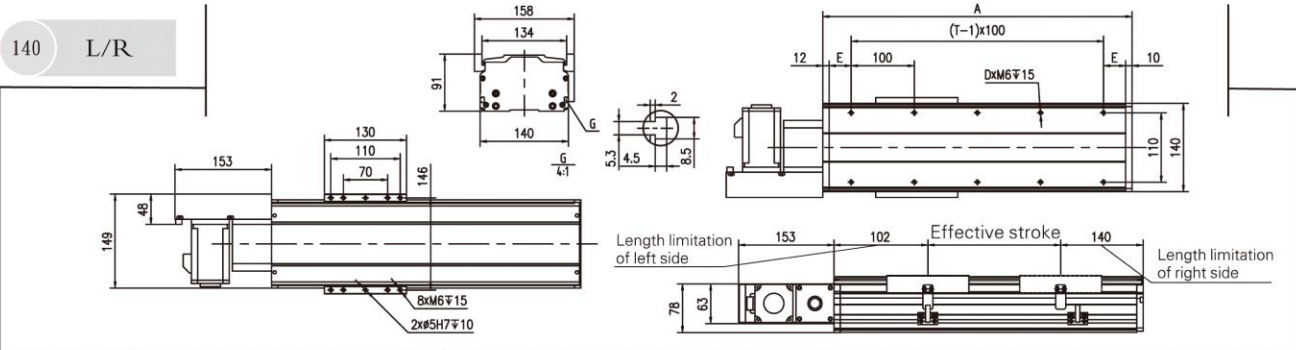
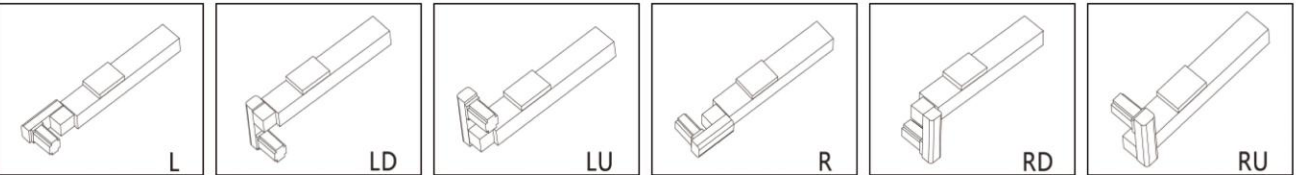
Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A (mm)	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D (mm)	44	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight (kg)	30.3	30.9	31.5	32.1	32.7	33.3	33.9	34.5	35.1	35.7	36.3	36.9	37.5	38.1	38.7	39.3	39.9	40.5	41.1	41.7	42.3	42.9	43.5	44.1	44.7	45.3	45.9	46.5	47.1	47.7	48.3	48.9	49.5	50.1	50.7	51.3

YR-HGHP140F



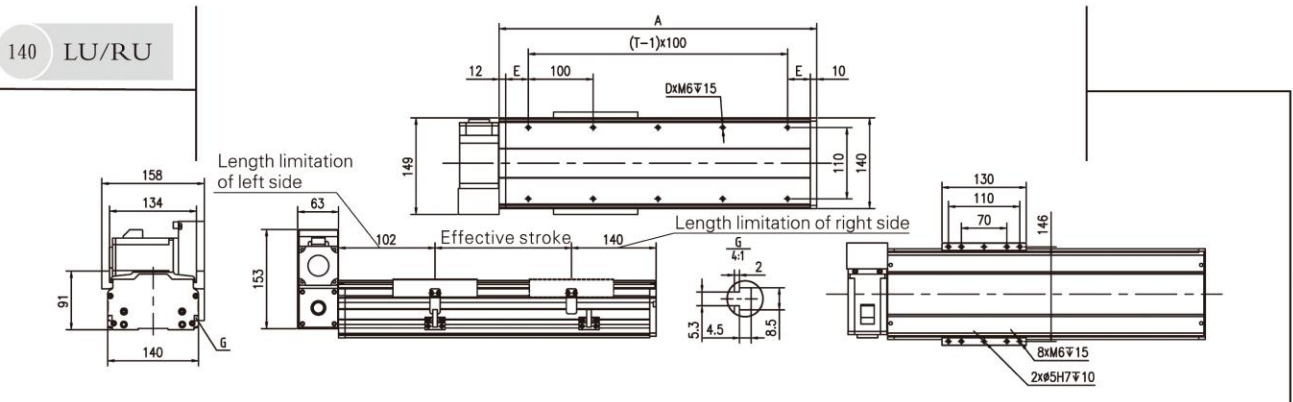
YR-HGHP140F Primary Configuration/Parameters

Adaptation Motor	57/86 stepping motor, 100W/200W/400W Servo Motor	
Linear Guideway	HGR15*2 HG15*4	
Width of synchronous belt (mm)	30	
Lead (mm)	60	
Repeatable Positioning Accuracy (mm)	± 0.08	
Max Speed (mm/s)	2000	
Maximum Handling Weight (Kg)	Horizontal	40
	Vertical	
Stroke Range (mm)	100-3750	



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22
Weight (kg)	14.4	15.1	15.8	16.5	17.2	17.9	18.6	19.3	20	20.7	21.4	22.1	22.8	23.5	24.2	24.9	25.6	26.3	27	27.7	28.4	29.1	29.8	30.5	31.2	31.9	32.6	33.3	34	34.7	35.4	36.1	36.8	37.5	38.2	38.9	39.6	40.3
Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750		
A (mm)	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992		
D (mm)	44	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80		
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35		
T (mm)	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40		
Weight (kg)	41	41.7	42.4	43.1	43.8	44.5	45.2	45.9	46.6	47.3	48	48.7	49.4	50.1	50.8	51.5	52.2	52.9	53.6	54.3	55	55.7	56.4	57.1	57.8	58.5	59.2	59.9	60.6	61.3	62	62.7	63.4	64.1	64.8	65.5		

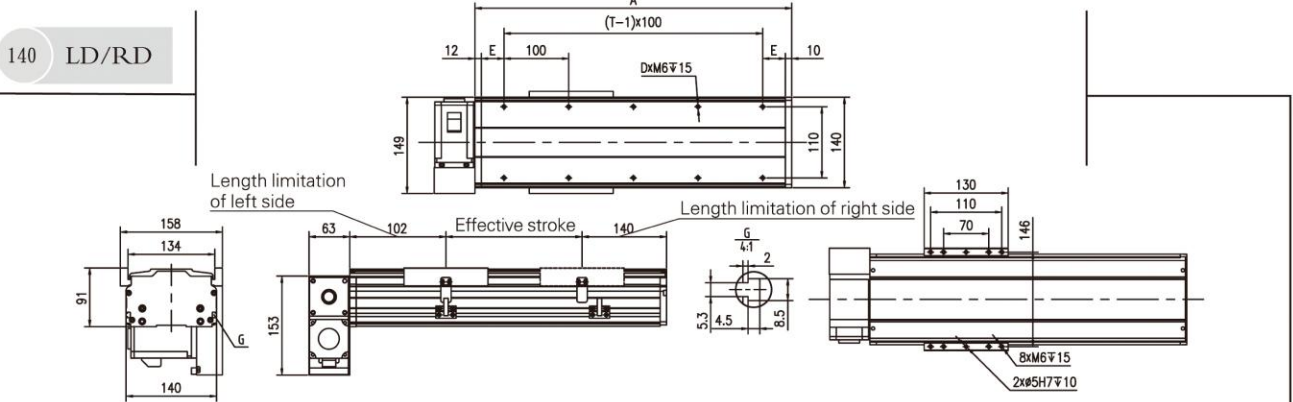
140 LU/RU



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22
Weight (kg)	14.4	15.1	15.8	16.5	17.2	17.9	18.6	19.3	20	20.7	21.4	22.1	22.8	23.5	24.2	24.9	25.6	26.3	27	27.7	28.4	29.1	29.8	30.5	31.2	31.9	32.6	33.3	34	34.7	35.4	36.1	36.8	37.5	38.2	38.9	39.6	40.3

Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A (mm)	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992
D (mm)	44	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
Weight (kg)	41	41.7	42.4	43.1	43.8	44.5	45.2	45.9	46.6	47.3	48	48.7	49.4	50.1	50.8	51.5	52.2	52.9	53.6	54.3	55	55.7	56.4	57.1	57.8	58.5	59.2	59.9	60.6	61.3	62	62.7	63.4	64.1	64.8	65.5

140 LD/RD



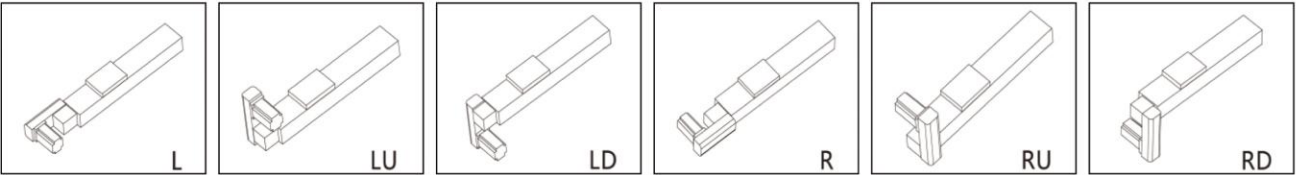
Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	342	392	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192
D (mm)	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22
Weight (kg)	14.4	15.1	15.8	16.5	17.2	17.9	18.6	19.3	20	20.7	21.4	22.1	22.8	23.5	24.2	24.9	25.6	26.3	27	27.7	28.4	29.1	29.8	30.5	31.2	31.9	32.6	33.3	34	34.7	35.4	36.1	36.8	37.5	38.2	38.9	39.6	40.3
Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750		
A (mm)	2242	2292	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992		
D (mm)	44	46	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80		
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35		
T (mm)	22	23	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40		
Weight (kg)	41	41.7	42.4	43.1	43.8	44.5	45.2	45.9	46.6	47.3	48	48.7	49.4	50.1	50.8	51.5	52.2	52.9	53.6	54.3	55	55.7	56.4	57.1	57.8	58.5	59.2	59.9	60.6	61.3	62	62.7	63.4	64.1	64.8	65.5		

YR-EGHP175F

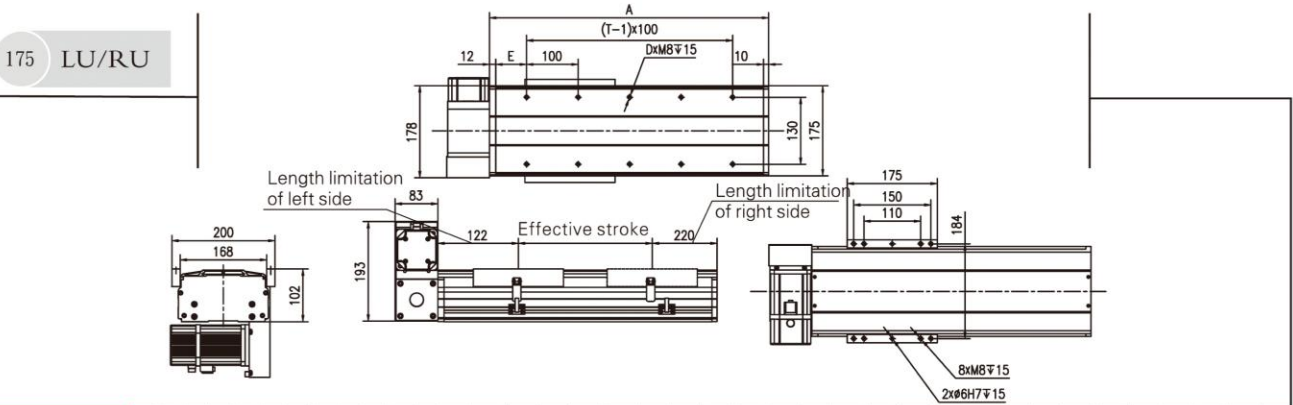


YR-EGHP175F Primary Configuration/Parameters

Adaptation Motor		86 stepping motor, 400W/750W Servo Motor
Linear Guideway		EGR20*2 EGH20*4
Width of synchronous belt (mm)		50
Lead (mm)		80
Repeatable Positioning Accuracy (mm)		± 0.08
Max Speed (mm/s)		2000
Maximum Handling Weight (Kg)	Horizontal	85
	Vertical	
Stroke Range (mm)		100-3750



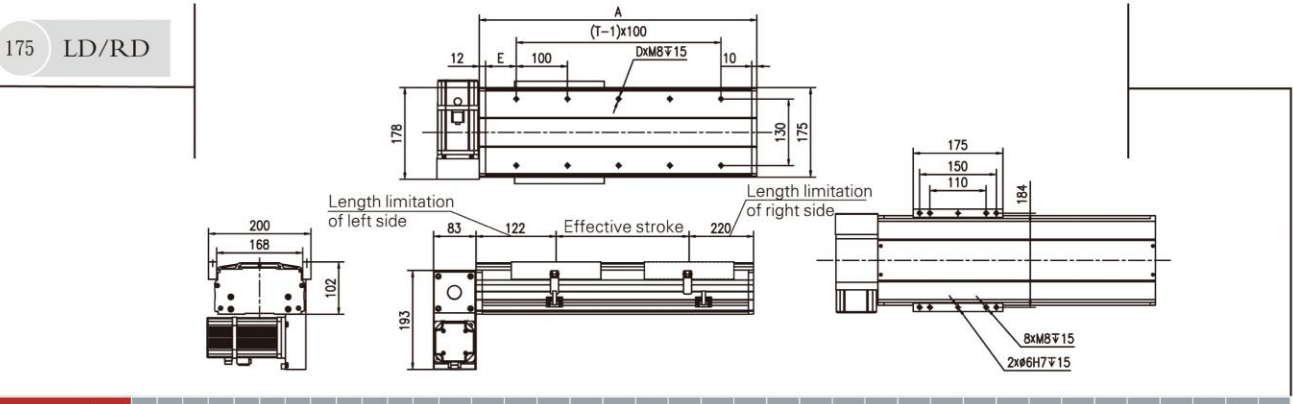
175 LU/RU



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242	2292
D (mm)	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22	23
Weight (kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A (mm)	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
D (mm)	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight (kg)	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

175 LD/RD



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	442	492	542	592	642	692	742	792	842	892	942	992	1042	1092	1142	1192	1242	1292	1342	1392	1442	1492	1542	1592	1642	1692	1742	1792	1842	1892	1942	1992	2042	2092	2142	2192	2242	2292
D (mm)	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22	23
Weight (kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

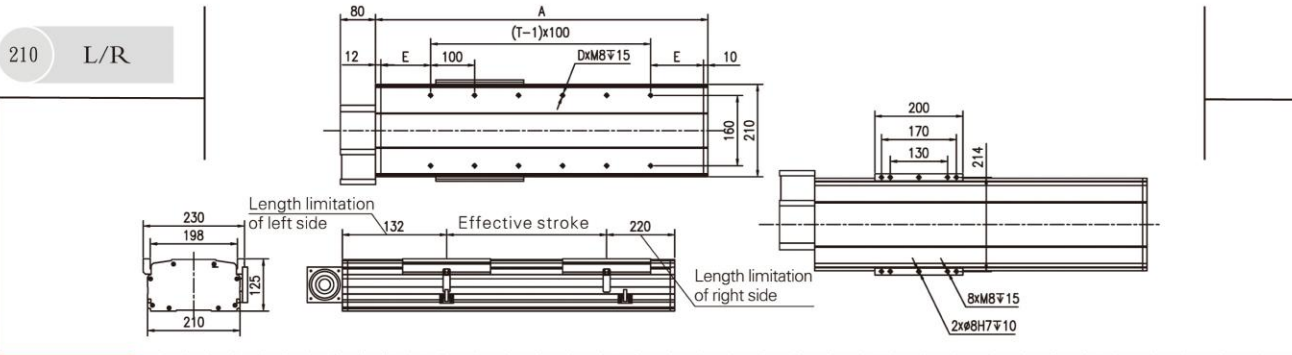
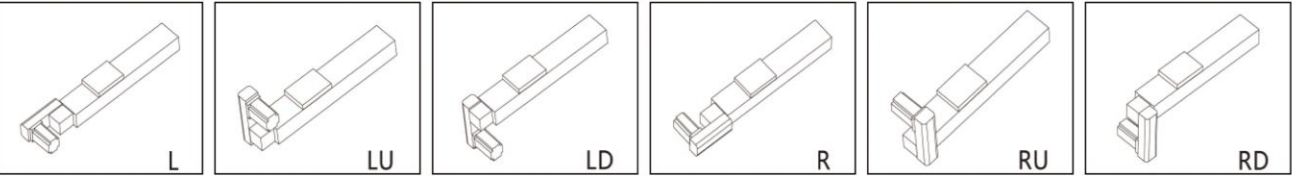
Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A (mm)	2342	2392	2442	2492	2542	2592	2642	2692	2742	2792	2842	2892	2942	2992	3042	3092	3142	3192	3242	3292	3342	3392	3442	3492	3542	3592	3642	3692	3742	3792	3842	3892	3942	3992	4042	4092
D (mm)	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82
E (mm)	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35	60	35
T (mm)	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight (kg)	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

YR-EGHP210F



YR-EGHP210F Primary Configuration/Parameters

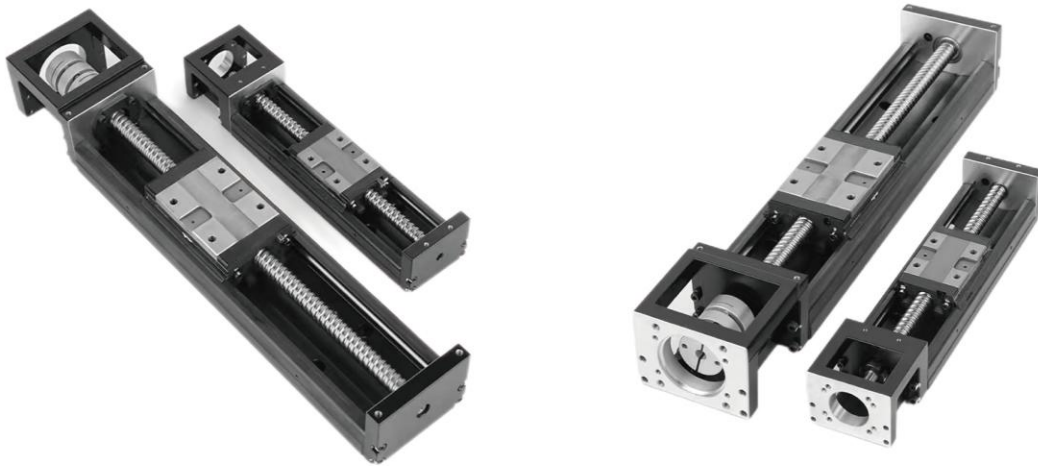
Adaptation Motor	86 stepping motor , 400W/750W Servo Motor	
Linear Guideway	EGR20*2 EGH20*2	
Width of synchronous belt (mm)	50	
Lead (mm)	80	
Repeatable Positioning Accuracy (mm)	± 0.08	
Max Speed (mm/s)	2000	
Maximum Handling Weight (Kg)	Horizontal	85
	Vertical	
Stroke Range (mm)	100-3750	



Effective stroke (mm)	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950
A (mm)	452	502	552	602	652	702	752	802	852	902	952	1002	1052	1102	1152	1202	1252	1302	1352	1402	1452	1502	1552	1602	1652	1702	1752	1802	1852	1902	1952	2002	2052	2102	2152	2202	2252	2302
D (mm)	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32	34	34	36	36	38	38	40	40	42	42	44	44	46
E (mm)	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40
T (mm)	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22	23
Weight (kg)	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Effective stroke (mm)	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750
A (mm)	2352	2402	2452	2502	2552	2602	2652	2702	2752	2802	2852	2902	2952	3002	3052	3102	3152	3202	3252	3302	3352	3402	3452	3502	3552	3602	3652	3702	3752	3802	3852	3902	3952	4002	4052	4102
D (mm)	46	48	48	50	50	52	52	54	54	56	56	58	58	60	60	62	62	64	64	66	66	68	68	70	70	72	72	74	74	76	76	78	78	80	80	82
E (mm)	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40	65	40
T (mm)	23	24	24	25	25	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40	40	41
Weight (kg)	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86

YKK Series Linear Module



YKK 60 10 P E - 400 E A 2 E - F0 C S0 M

YKK Series

Dimensions
40 50 60 86 100 130

Ball Screw (BS) Guide :

YKK 40: 1
YKK 50: 2
YKK 60: 5, 10
YKK 86: 10, 20
YKK 100: 20
YKK 130: 25

Accuracy Class:
P: Precision Grade, C: General Grade

E: Special Processing for Ball-Screw Screw
NO Mark: Standard Type of Ball Screw

Body Length(mm)

YKK 40: 100, 150, 200
YKK 50: 150, 200, 250, 300
YKK 60: 150, 200, 300, 400, 500, 600
YKK 86: 340, 440, 540, 640, 740, 940
YKK 100: 980, 1080, 1180, 1280, 1380
YKK 130: 980, 1180, 1380, 1680

E: Main Body Special Processing
Unmarked: Main Body Standard Type

M: With Motor
No Mark: Without Motor

Limit Switch:
S0: Switch Rail Only
S1: SX671
S2: SX674
S3: GX-F12A-P
S4: GX-F12A-P
No Mark: No

C: Aluminum Cover
B: Expansion Sheath
No Mark: No Protective Cover

The Motor Adaptor Flange
FE: Special Processing

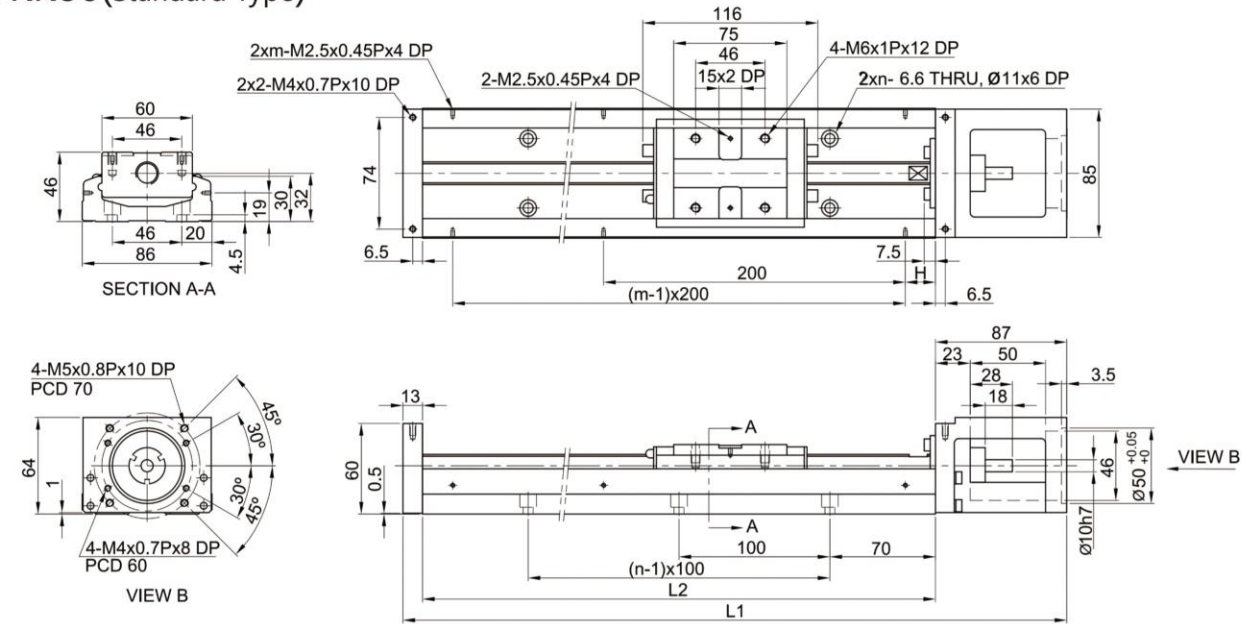
Sliding Seat Special Processing
No Marked: Sliding Seat Standard Type

Number of Sliding Seats: 1, 2

Slider Seat Type:
A: Standard Type
S: Light- Load Type

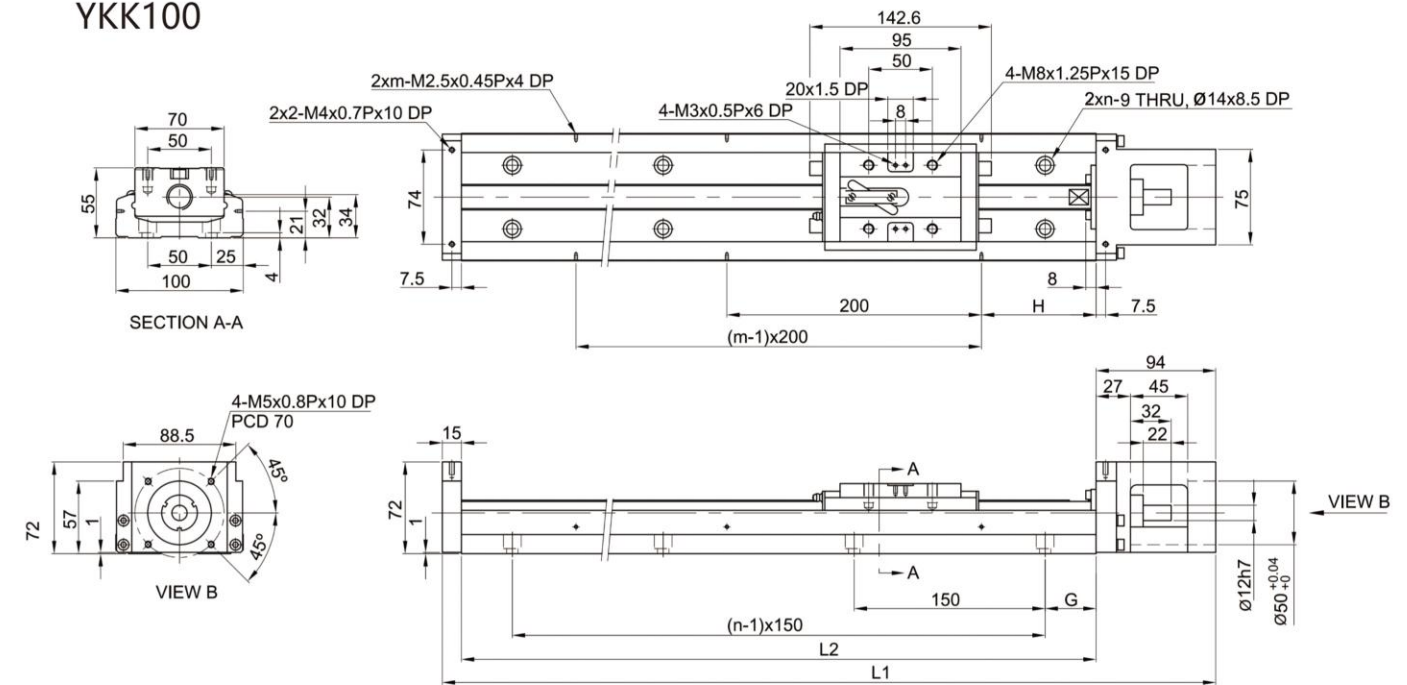
-60- YONGRUN

YKK86(Standard Type)



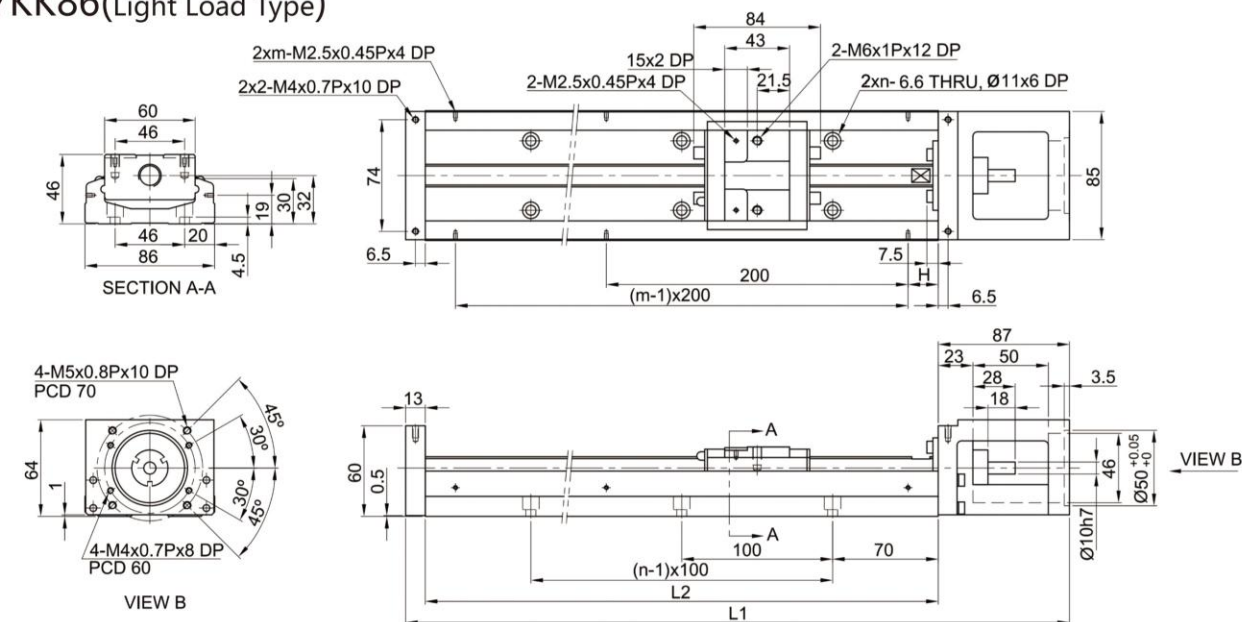
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				H(mm)	n	m	Weight (kg)			
		A	Slide	A2	Slide				A1	Slide	A2	Slide
340	440	210	100			70	3	2	5.7		6.5	
440	540	310	200			20	5	3	6.9		7.7	
540	640	410	300			70	5	3	8.0		8.8	
640	740	510	400			20	7	4	9.2		10.0	
740	840	610	500			70	7	4	10.4		11.2	
940	1040	810	700			70	9	5	11.6		12.4	

YKK100



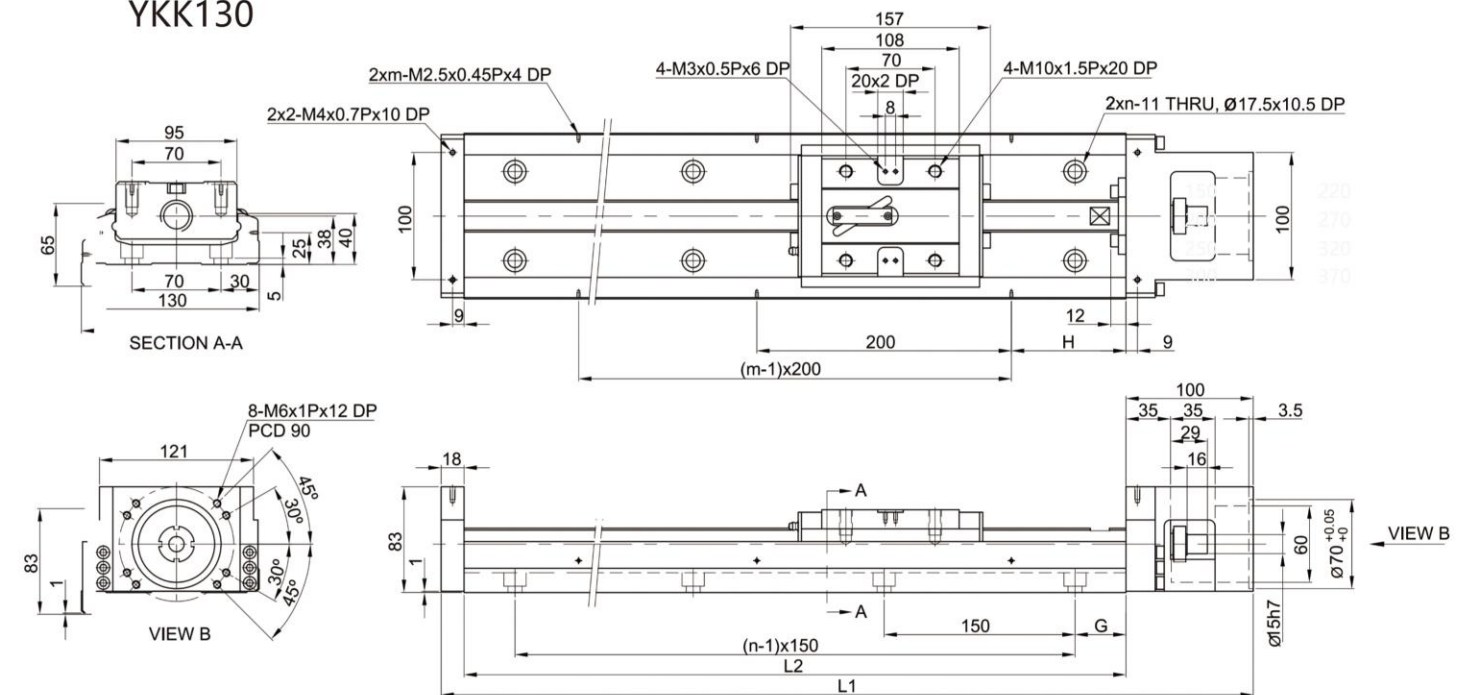
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)		G(mm)	H(mm)	n	m	Weight (kg)			
		Slide	Slide					A1	Slide	A2	Slide
980	1089	828	700	40	90	7	5	18.6		20.3	
1080	1189	928	800	15	40	8	6	20.3		22.0	
1180	1289	1028	900	65	90	8	6	22.0		23.7	
1280	1389	1128	1000	40	40	9	7	23.6		25.3	
1380	1489	1228	1100	15	90	10	7	25.3		27.0	

YKK86(Light Load Type)



Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				H(mm)	n	m	Weight (kg)			
		S1	Slide	S2	Slide				S1	Slide	S2	Slide
340	440	246	170			70	3	2	5.4		5.9	
440	540	346	270			20	5	3	6.6		7.1	
540	640	446	370			70	5	3	7.7		8.2	
640	740	546	470			20	7	4	8.9		9.4	
740	840	646	570			70	7	4	10.1		10.6	
940	1040	846	770			70	9	5	11.3		11.8	

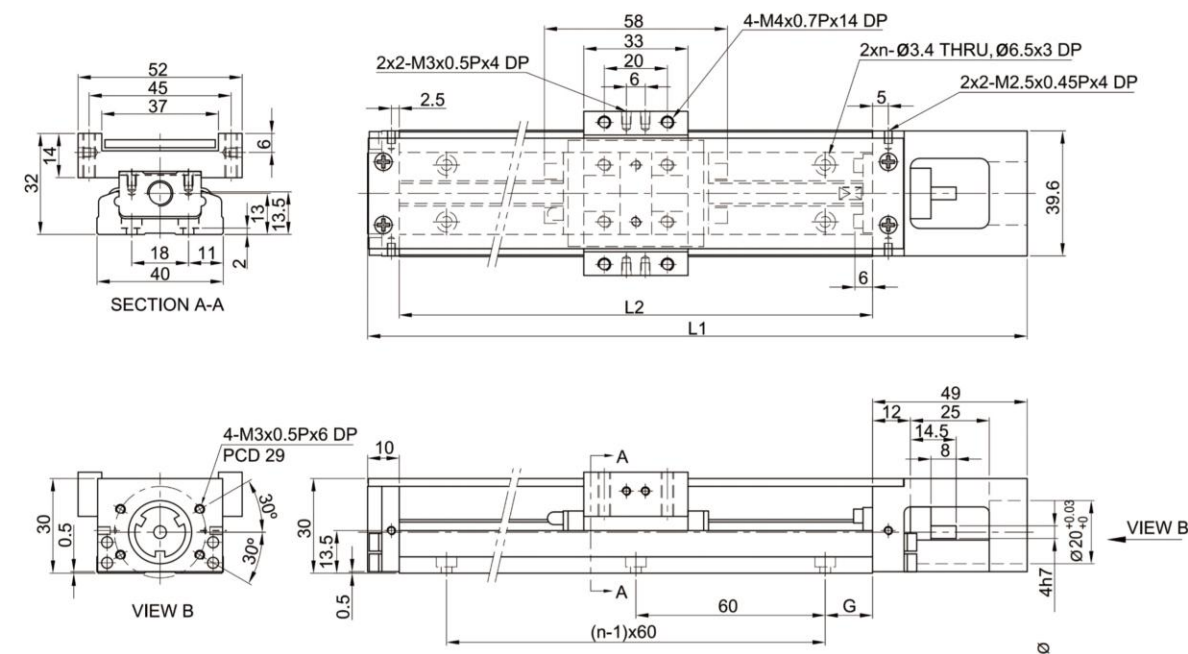
YKK130



Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)		G(mm)	H(mm)	n	m	Weight (kg)			
		A1	Slide	A2	Slide			A1	Slide	A2	Slide
980	1098	811	659	40	90	7	5	29.4		32.3	
1180	1298	1011	859	65	90	8	6	34.3		37.2	
1380	1498	1211	1059	90	90	9	7	39.2		42.1	
1680	1798	1511	1359	90	40	11	9	46.5		49.4	

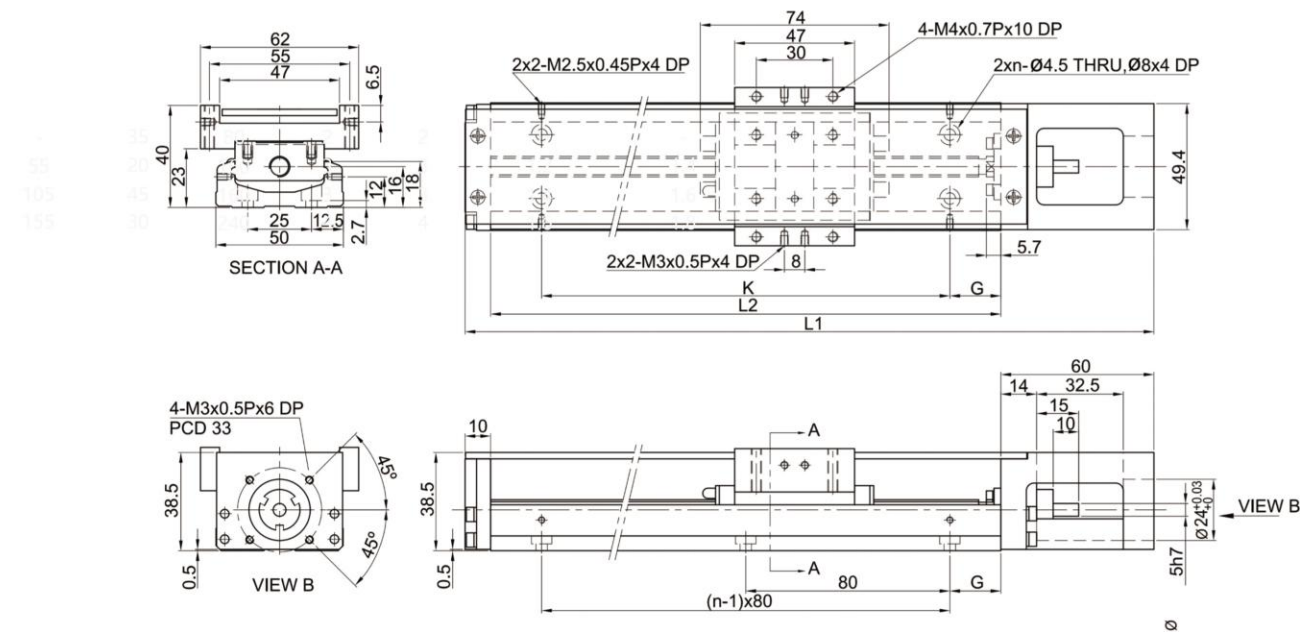
With Protective Cover

YKK40



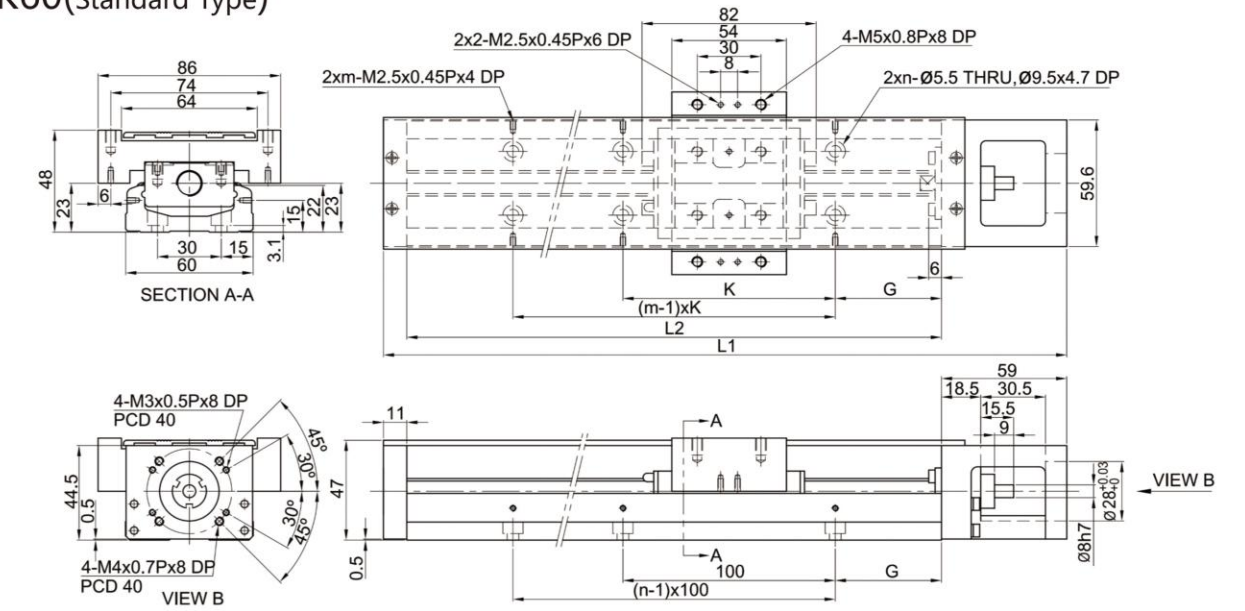
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				G(mm)	n	Weight (kg)			
		A1	Slide	A2	Slide			A1	Slide	A2	Slide
100	159	36		-		20	2	0.55		-	
150	209	86		34		15	3	0.68		0.76	
200	259	136		84		40	3	0.82		0.89	

YKK50



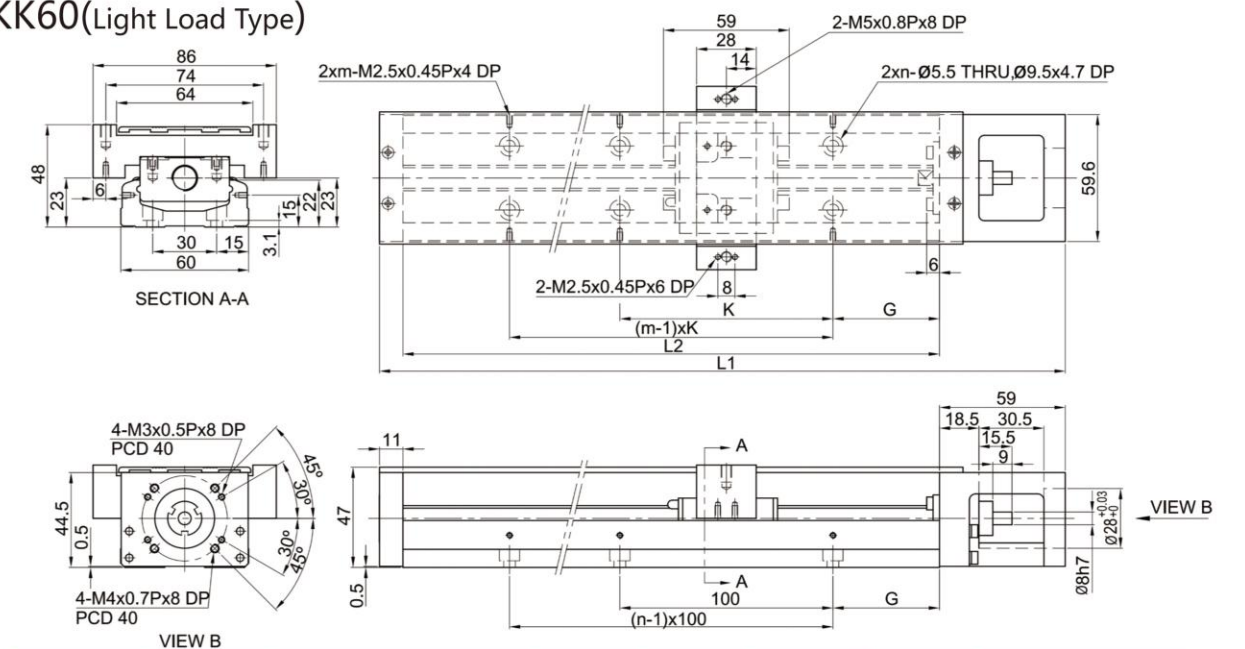
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)		G(mm)	K(mm)	n	Weight (kg)	
		A1	Slide				A2	Slide
150	220	70	-	35	80	2	1.1	-
200	270	120	55	20	160	3	1.3	1.5
250	320	170	105	45	160	3	1.6	1.8
300	370	220	155	30	240	4	1.8	2.0

YKK60(Standard Type)



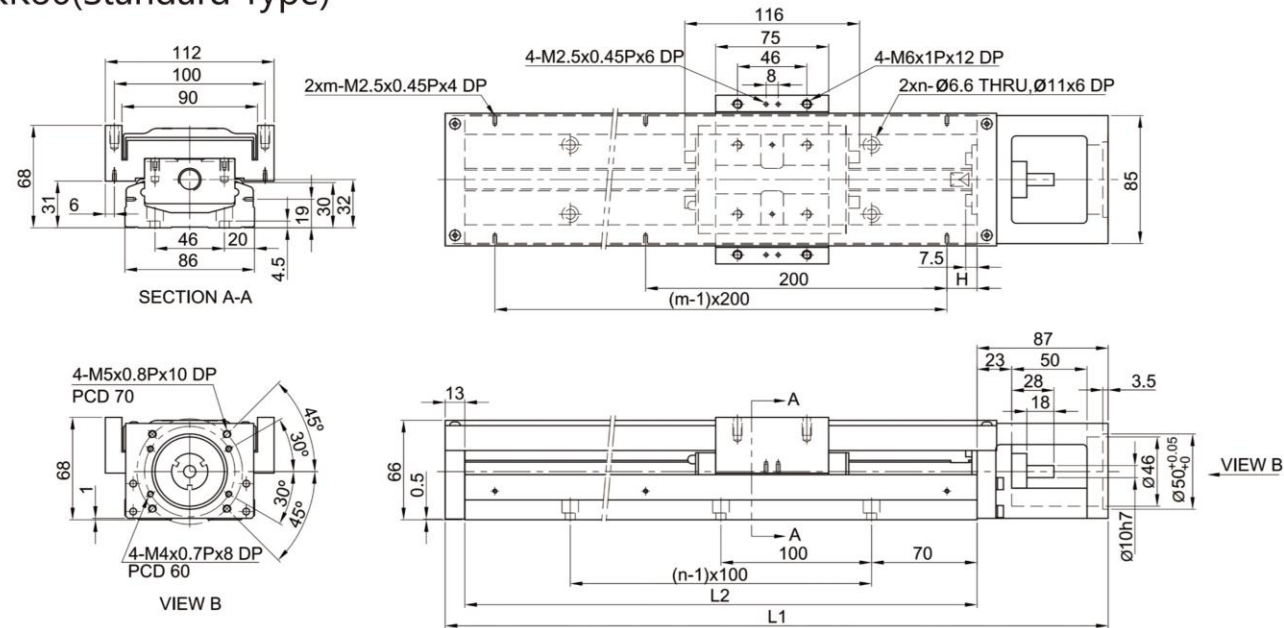
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				G(mm)	K(mm)	n	m	Weight (kg)			
		A1	Slide	A2	Slide					A1	Slide	A2	Slide
150	220	60	-			25	100	2	2	1.7	-		
200	270	110	-			50	100	2	2	2.1	-		
300	370	210		135		50	100	3	2	2.7		3.0	
400	470	310		235		50	100	4	4	3.3		3.6	
500	570	410		335		50	200	5	3	3.9		4.2	
600	670	510		435		50	100	6	6	4.6		5.0	

YKK60(Light Load Type)



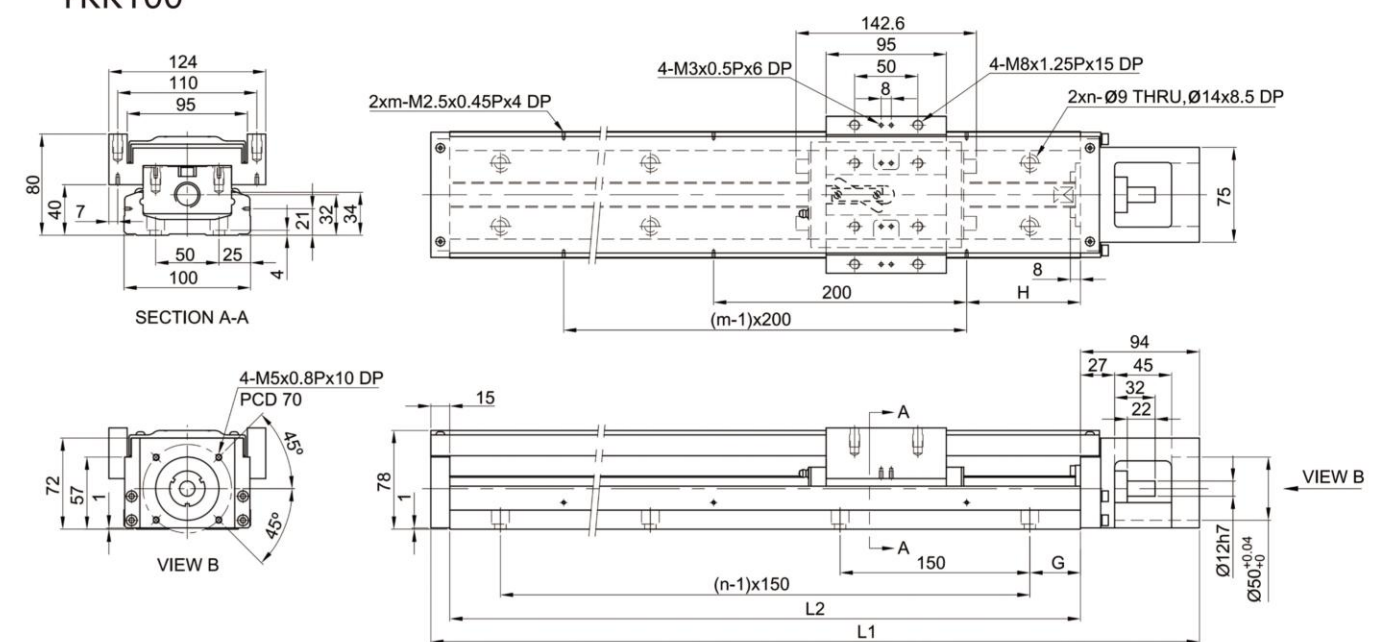
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				G(mm)	K(mm)	n	m	Weight (kg)			
		S1	Slide	S2	Slide					S1	Slide	S2	Slide
150	220	85		34		25	100	2	2	1.6		1.8	
200	270	135		84		50	100	2	2	1.9		2.1	
300	370	235		184		50	100	3	2	2.5		2.7	
400	470	335		284		50	100	4	4	3.1		3.3	
500	570	435		384		50	200	5	3	3.7		3.9	
600	670	535		484		50	100	6	6	4.4		4.6	

YKK86(Standard Type)



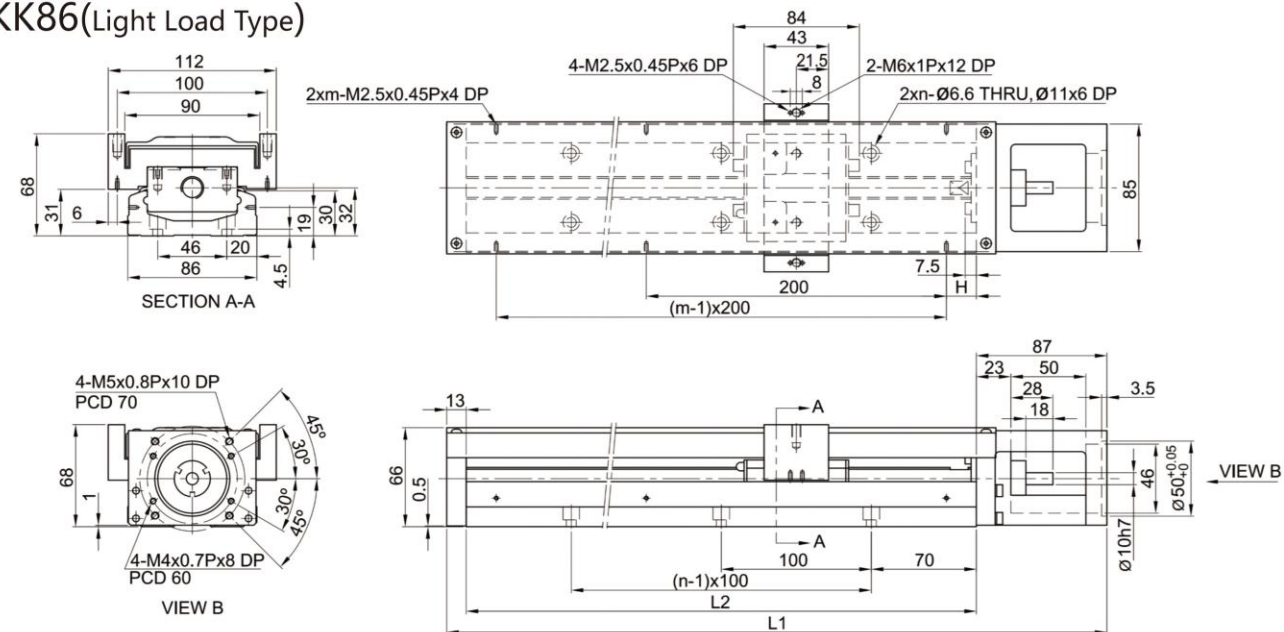
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				H(mm)	n	m	Weight (kg)			
		A1	Slide	A2	Slide				A1	Slide	A2	Slide
340	440	210	100			70	3	2	6.5		7.3	
440	540	310	200			20	5	3	7.8		8.6	
540	640	410	300			70	5	3	9.0		9.8	
640	740	510	400			20	7	4	10.3		11.3	
740	840	610	500			70	7	4	11.6		12.4	
940	1040	810	700			70	9	5	13.0		13.8	

YKK100



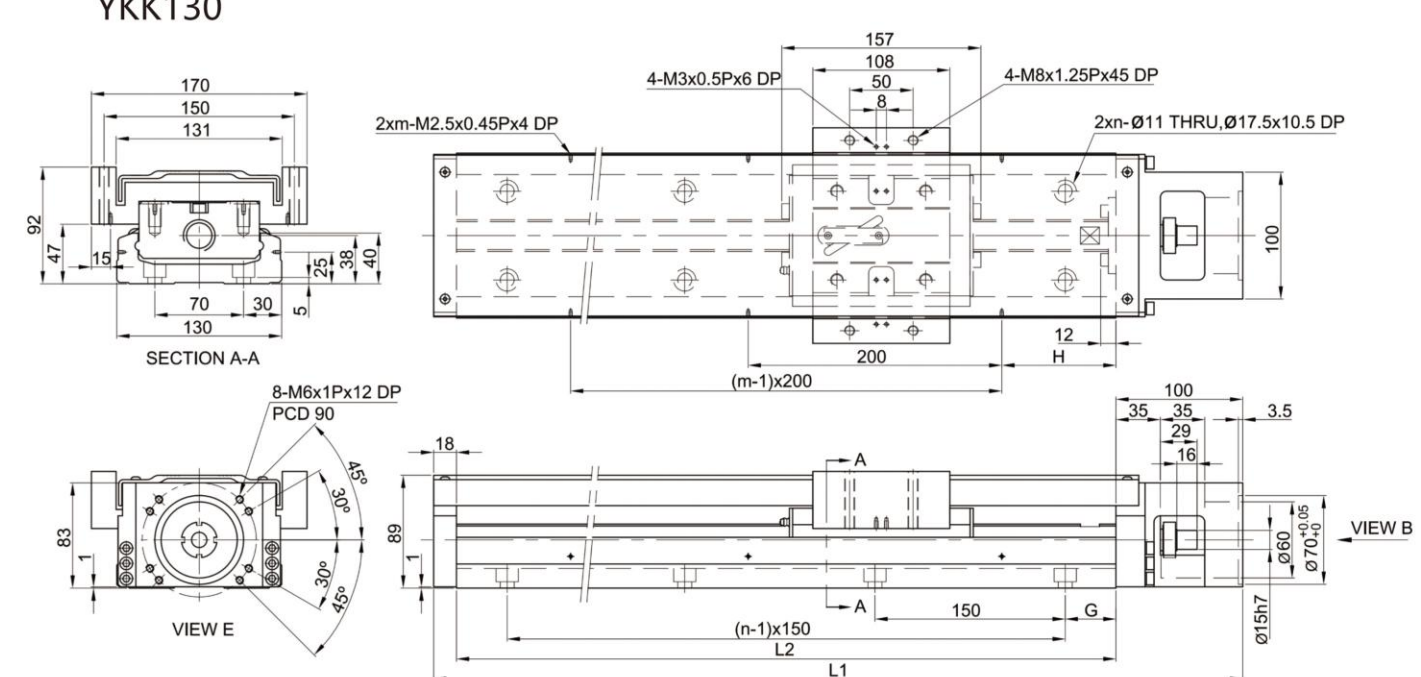
Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				G (mm)	H (mm)	n	m	Weight (kg)			
		A1	Slide	A2	Slide					A1	Slide	A2	Slide
980	1089	828	700			40	90	7	5	20.4		22.1	
1080	1189	928	800			15	40	8	6	22.2		23.9	
1180	1289	1028	900			65	90	8	6	24.0		25.7	
1280	1389	1128	1000			40	40	9	7	25.7		27.4	
1380	1489	1228	1100			15	90	10	7	27.5		29.2	

YKK86(Light Load Type)



Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				H(mm)	n	m	Weight (kg)			
		S1	Slide	S2	Slide				S1	Slide	S2	Slide
340	440	246	170			70	3	2	6.3		7.1	
440	540	346	270			20	5	3	7.6		8.4	
540	640	446	370			70	5	3	8.8		9.6	
640	740	546	470			20	7	4	10.1		11.1	
740	840	646	570			70	7	4	11.4		12.2	
940	1040	846	770			70	9	5	12.8		13.6	

YKK130

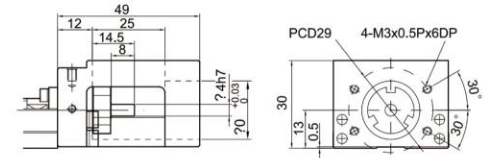


Track Length L2 (mm)	Overall Length L1 (mm)	Maximum Stroke (mm)				G (mm)	H (mm)	n	m	Weight (kg)			
		A1	Slide	A2	Slide					A1	Slide	A2	Slide
980	1098	811	659			40	90	7	5	31.9		35.9	
1180	1298	1011	859			65	90	8	6	37.1		41.1	
1380	1498	1211	1059			90	90	9	7	42.2		46.2	
1680	1798	1511	1359			90	40	11	9	49.9		53.9	

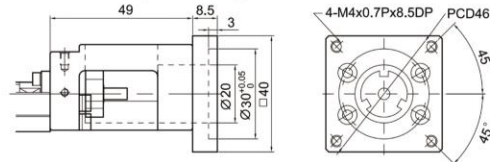
Motor Bracket and Motor Adaptor Flange

YKK40

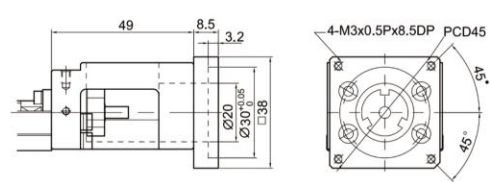
Motor Bracket F0



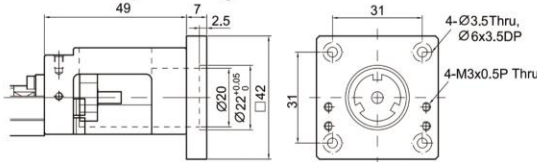
Motor Adaptor Flange F1



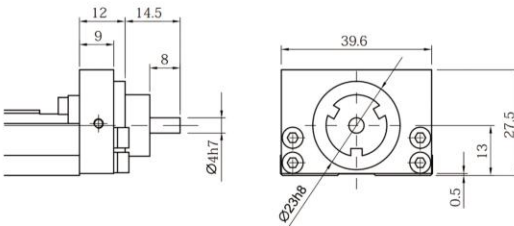
Motor Adaptor Flange F2



Motor Adaptor Flange F3

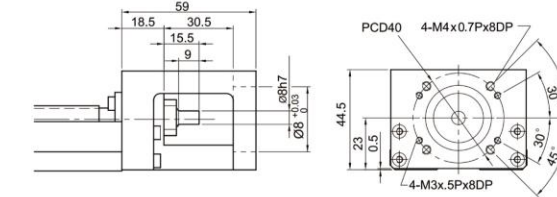


Motor Bracket H0

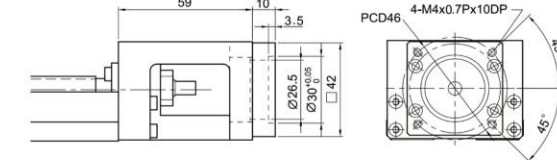


YKK60

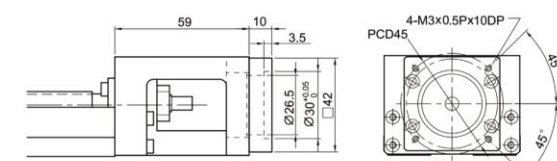
Motor Bracket F0



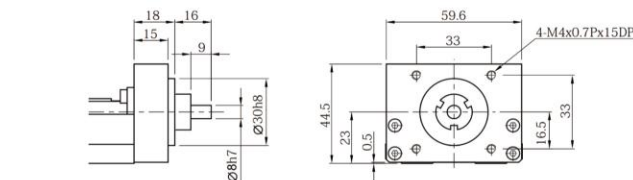
Motor Adaptor Flange F1



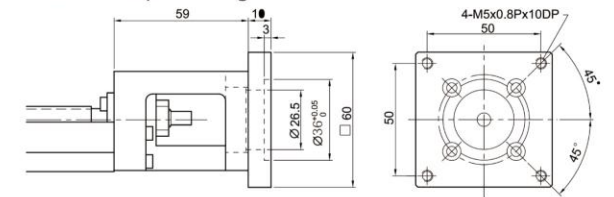
Motor Adaptor Flange F2



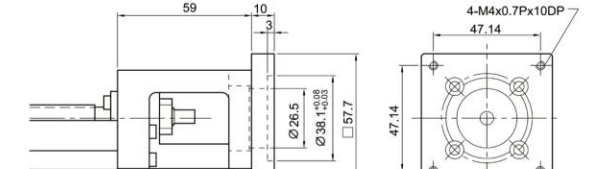
Motor Bracket H0



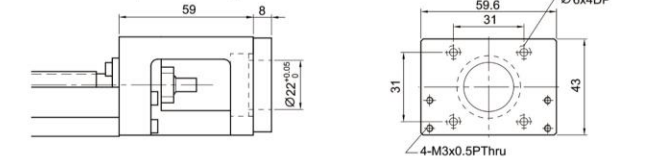
Motor Adaptor Flange F3



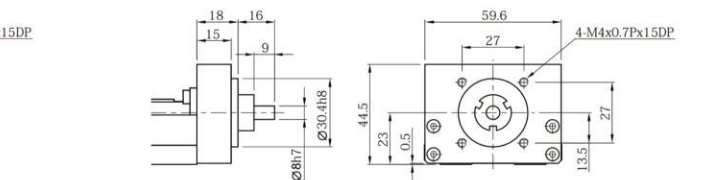
Motor Adaptor Flange F4



Motor Adaptor Flange F5

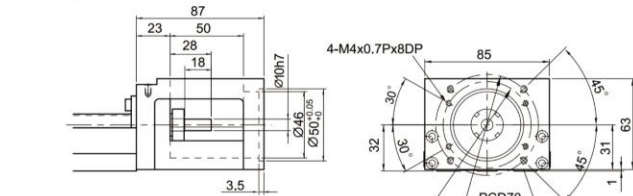


Motor Bracket H1

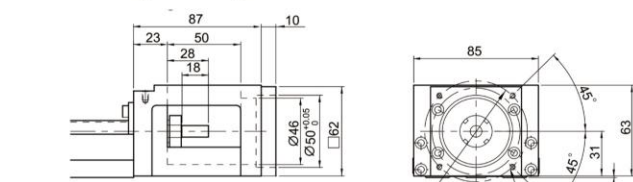


YKK86

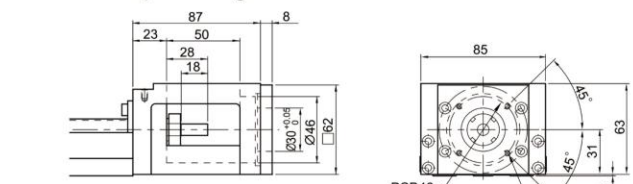
Motor Bracket F0



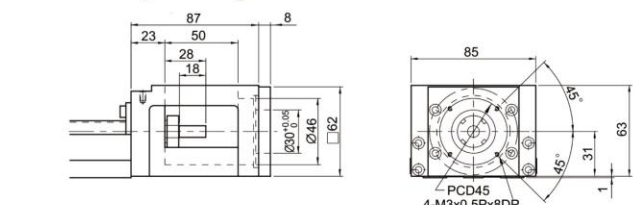
Motor Adaptor Flange F1



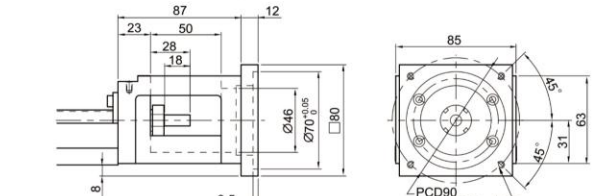
Motor Adaptor Flange F2



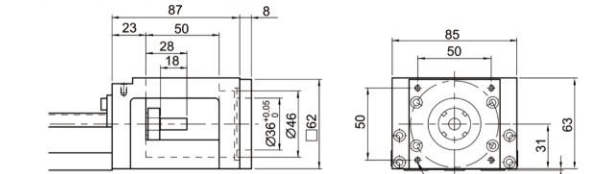
Motor Adaptor Flange F3



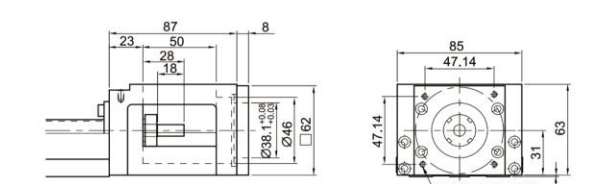
Motor Adaptor Flange F4



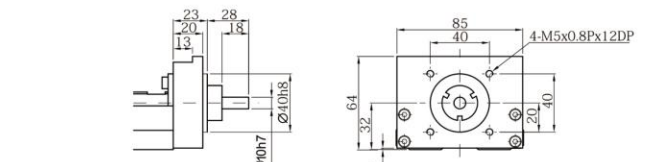
Motor Adaptor Flange F5



Motor Adaptor Flange F6

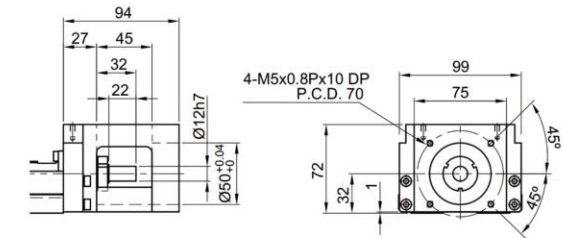


Motor Bracket H0

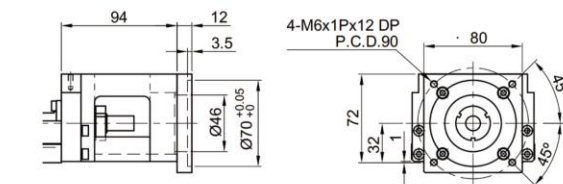


YKK100

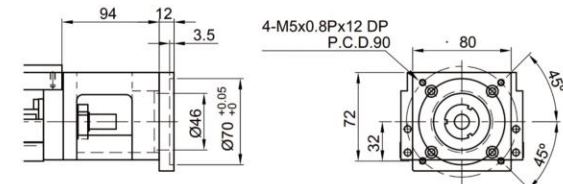
Motor Bracket F0



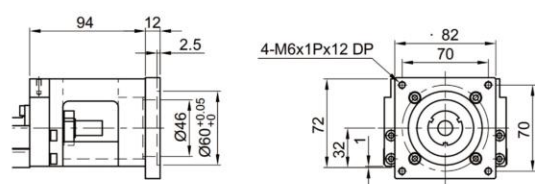
Motor Adaptor Flange F1



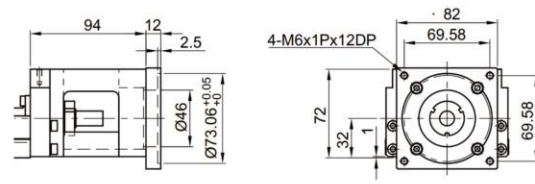
Motor Adaptor Flange F2



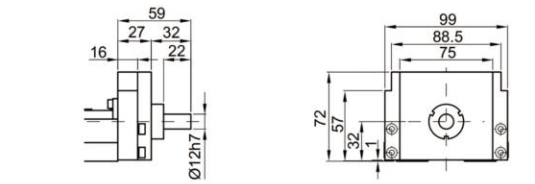
Motor Adaptor Flange F3



Motor Adaptor Flange F4

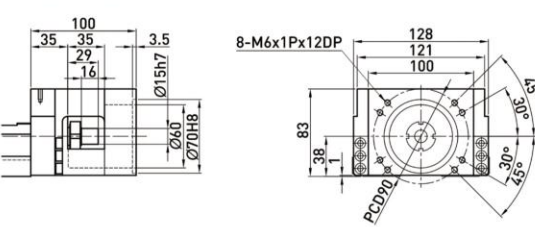


Motor Bracket H0

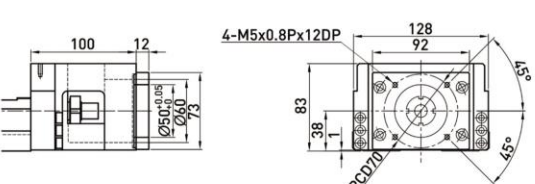


YKK130

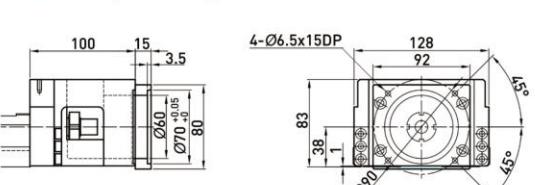
Motor Bracket F0



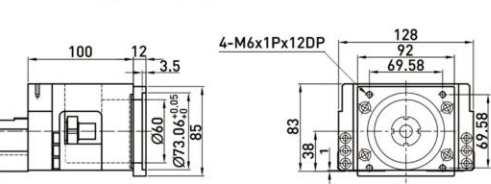
Motor Adaptor Flange F1



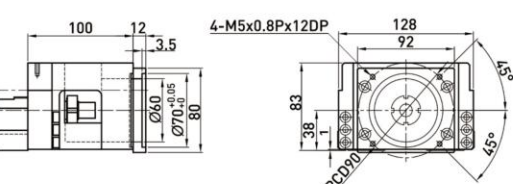
Motor Adaptor Flange F2



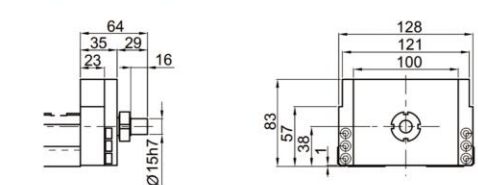
Motor Adaptor Flange F3



Motor Adaptor Flange F4



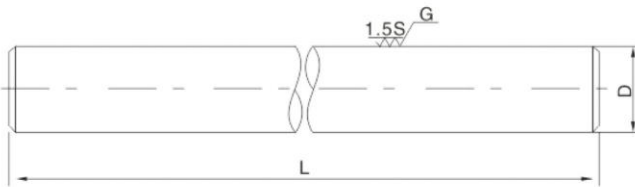
Motor Bracket H0



Linear Shaft Series



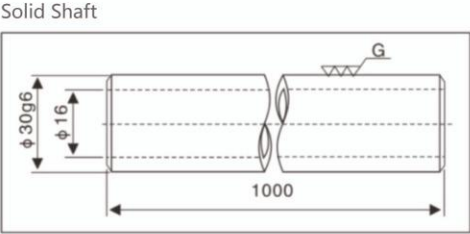
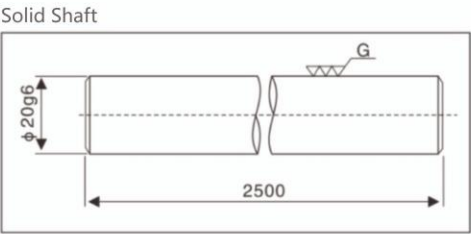
Material : Gcr15/45# steel
Hardness : HRC62±2/HRC58±2
Accuracy: g6-g5
Roughness: Ra 0.4-0.8
Depth of herdening layer: 0.8mm~3mm
Max Length: 1000mm~7000mm
Straightness: Less than 5 um in 100mm
Roundess: No more than 0.003mm
Standard Type S: Chrome Plated AS: Stainless Steel



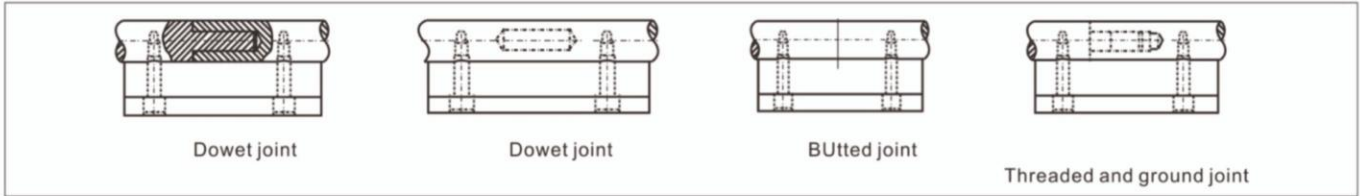
Dia (mm)	Model No.		Accuracy (μ m)	Standard Length (mm)																				Effective Hardened Layer Depth	Weight (kg/m)	
	WC (WCAS)	WCS		g6	100	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000	2500	3000	3500	4000	5000			6000
3	WC3	WCS3	-2~-8																						No more than 1.0	0.06
4	WC4	WCS4	-4~-12																							0.10
5	WC5	WCS5																								0.15
6	WC6	WCS6																								0.23
8	WC8	WCS8	-5~-14																						Not less than 1.0	0.40
10	WC10	WCS10																								0.62
12	WC12	WCS12																								0.89
13	WC13	WCS13	-6~-17																						1.04	
16	WC16	WCS16																							Not less than 1.5	1.58
20	WC20	WCS20																								2.47
25	WC25	WCS25	-7~-20																					3.85		
30	WC30	WCS30																							Not less than 2.0	5.55
35	WC35	WCS35																								7.55
40	WC40	WCS40	-9~-25																					Not less than 2.5		9.87
50	WC50	WCS50																							15.4	
60	WC60	WCS60																								Not less than 3.0
80	WC80	WCS80	-10~-29																					39.5		
100	WC100	WCS100																						61.7		
120	WC120	WCS120		-12~-34																					88.8	
150	WC150	WCS150	-14~-39																						139.0	

Notice: 1. The model size with the mark “■” can be customized the length.
2. We also supply 304 stainless steel raw material type Shaft.

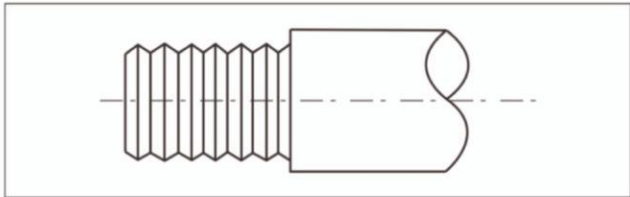
Optional Machining for Linear Shaft



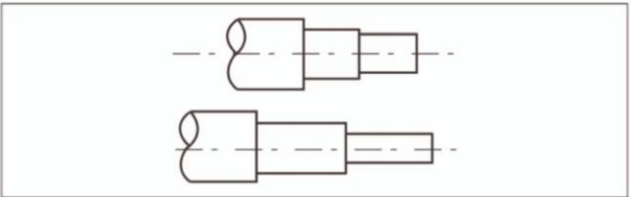
>>> Spectal Machining for Shaft
 We can Suooly linear shaft with diameter $\phi 3\text{mm} \sim \phi 150\text{mm}$, maximum length up to 6000mm.
 1. When you are special requirements on length, we can meet your machining requirements with different length;
 when you request above 6000mm, we can anti-connect for you. (shown in Fig a)



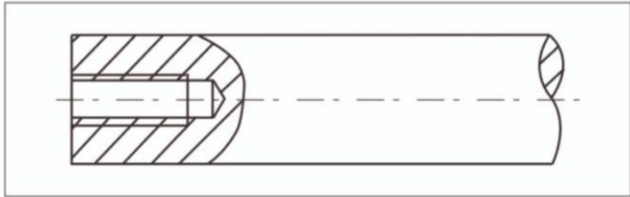
2. When you are special requirements on machining, such as threading, coaxial holes drilled and tapped, radial holes drilled and tapped, reduced shaft diameter etc, we can machine for you, and these special machines are finished after heat treatment and hard chromic so that ensure the precision of product. send us your detailed sketch or blue print for propmt quotatime and action, your should be satisfied with our service.



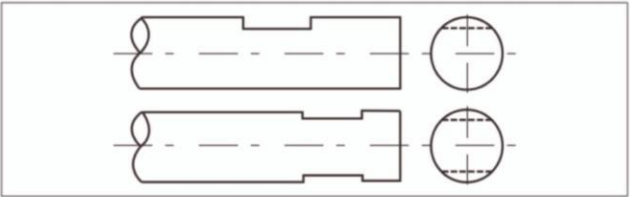
THREADING



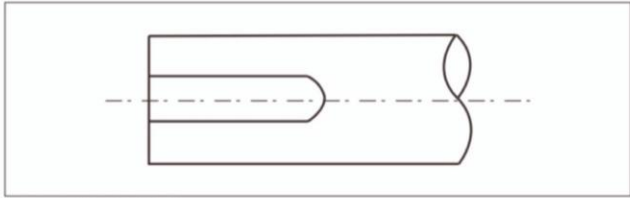
REDUCED SHAFT DIAMETER



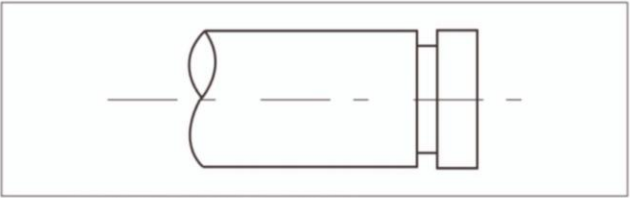
COAXIAL HOLES DRILLED AND TAPPED



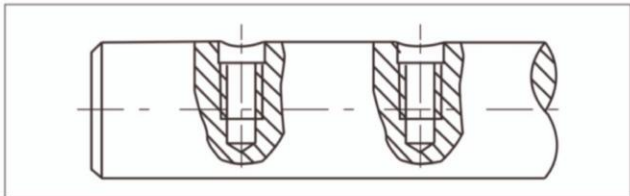
FLATS - SINGLE OR MULTIPLE



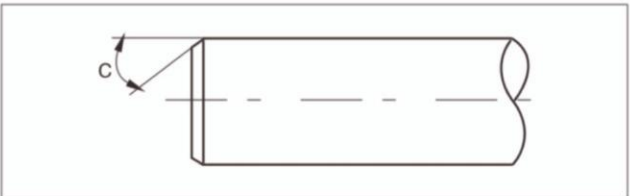
KEY WAY



SNAP RING GROOVES



RADIAL HOLES DRILLED AND TAPPED



CHAMFERING

Hollw Shaft



○Hollow shaft: the internal diameter and wall thickness can be customized according to customer requirements.

○ Material: Gcr15 (SUJ2) , Rigidity: HRC60-62

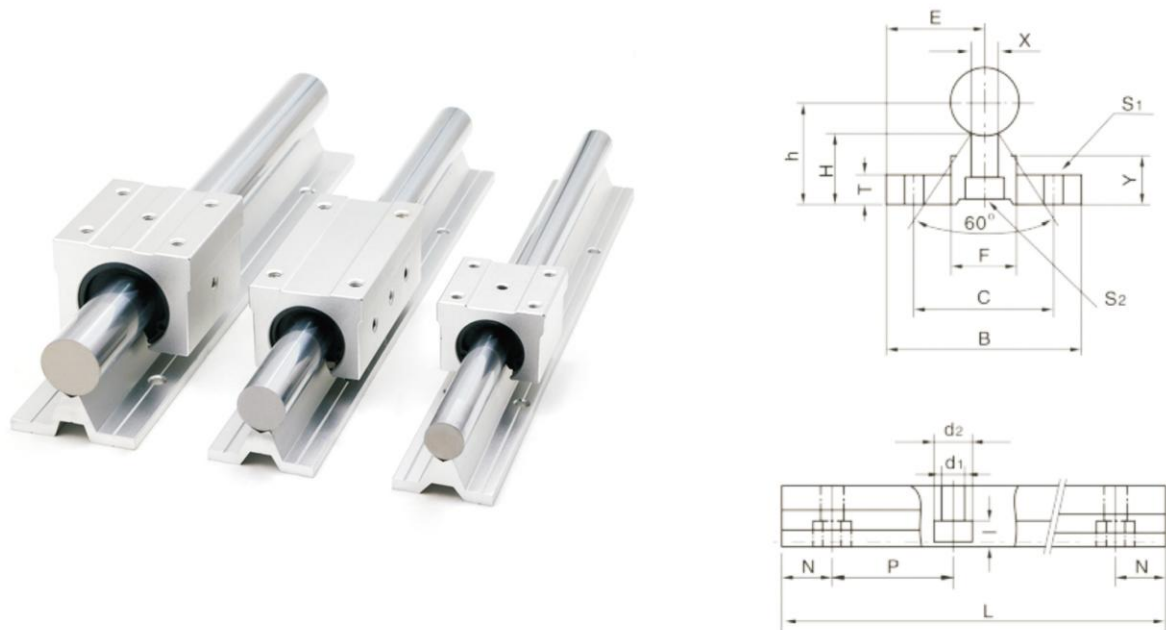
Dimensions for Hollow Shaft

Model No.	Inner Diameter (mm)	Outer Diameter (mm)	Diameter Tolerance (mm)		Quench Depth
			g6	h6	
SP12	6	12	-0.006-0.017	0-0.011	0.6~1.5
SP13	6	13	-0.006-0.017	0-0.011	0.6~1.5
SP16	10	16	-0.006-0.017	0-0.011	0.8~2.0
SP20	13	20	-0.007-0.020	0-0.013	0.8~2.0
SP25	17	25	-0.007-0.020	0-0.013	0.8~2.0
SP30	20	30	-0.009-0.025	0-0.016	0.8~3.0
SP35	24	35	-0.009-0.025	0-0.016	0.8~3.0
SP40	30	40	-0.009-0.025	0-0.016	0.8~3.0
SP50	38	50	-0.009-0.025	0-0.016	0.8~3.0
SP60	48	60	-0.010-0.029	0-0.019	0.8~3.0



SBR Unit Series

SBR Linear Rail



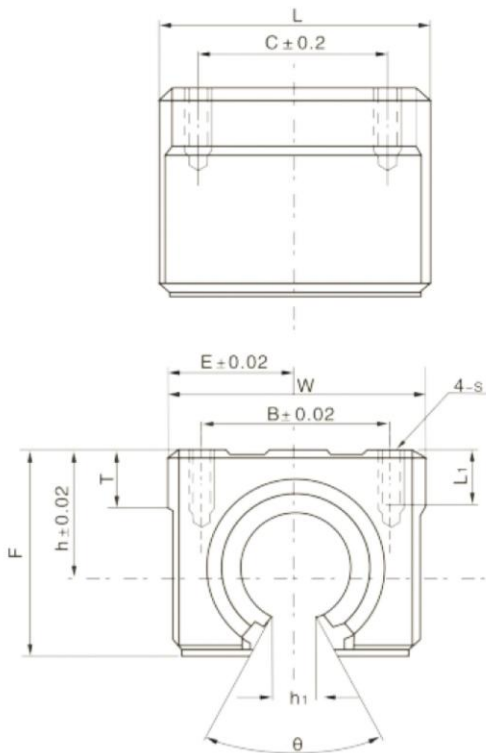
Model No.	Shaft Dia.	Dimensions (mm)											Weight (kg/m)
		E	h	B	H	T	F	X	Y	C	S ₁	S2 d ₁ x d ₂ x l	
SBR10	Φ10	16	18	32	13	4	12.5	4.7	8.5	22	Φ4.5	5X9X5	1.5
SBR12	Φ12	16	19	32	13	4	12.5	4.7	8.5	22	Φ4.5	5X9X5	1.7
SBR13	Φ13	16	19.5	32	13	4	12.5	4.7	8.5	22	Φ4.5	5X9X5	1.8
SBR16	Φ16	20	25	40	17	5	18.5	8	11.7	30	Φ5.5	5.5X9.5X5.4	2.58
SBR20	Φ20	22.5	27	45	17	5	19	8	10	30	Φ5.5	5.5X9.5X5.4	3.58
SBR25	Φ25	27.5	33	55	20.5	6	21.5	8	12	35	Φ6.6	6.6X11X6.5	5.4
SBR30	Φ30	30	37	60	22	7	26.5	10.3	13	40	Φ6.6	6.6X11X6.5	7.5
SBR35	Φ35	32.5	43	65	25.5	8	28	13	15.5	45	Φ9	9X14X8.6	10
SBR40	Φ40	37.5	48	75	28	g	38	15.5	17	55	Φ9	9X14X8.6	13
SBR50	Φ50	47.5	62	95	37	11	45	20	21	70	Φ11	11X17.5X10.8	21

Support Rail Standard Lengths and Dimensions

Model No.	SBR10	SBR12	SBR13	SBR16	SBR20	SBR25	SBR30	SBR35	SBR40	SBR50
Standard Length L (mm)	140	140	140	190	340	250	450	460	460	470
	240	240	240	340	640	450	850	660	660	670
	-	-	-	-	-	-	-	-	860	870
	340	340	340	640	940	850	1250	860	1060	1070
	440	440	440	940	1240	1250	1450	1060	1260	1270
N (mm)	20	20	20	20	20	25	25	30	30	35
P (mm)	100	100	100	150	150	200	200	200	200	200
Max length (mm)	5000	5000	5000	6000	6000	6000	6000	6000	6000	6000

SBR Linear Block

SBR...UU/SBR...LUU

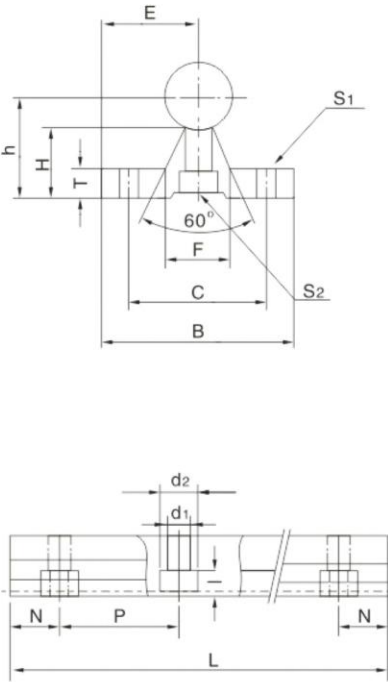


Model No.	Dimensions (mm)												Slide Linear Bearing			Weight (g)
	h	E	W	L	F	h ₁	θ	B	C	s	L ₁	T	Model No.	Basic Load Rating		
														Dynamic CN	Static CoN	
SBR10UU	15	18	36	32	24	6	80°	25	20	M5	10	7	LM10UU-OP	372	549	70
SBR12UU	17	20.5	41	39	28	7.5	80°	28	26	M5	10	9	LM12UU-OP	420	610	100
SBR13UU	17	20	40	39	27.6	8.5	80°	28	26	M5	10	8	LM13UU-OP	510	784	120
SBR16UU	20	22.5	45	45	33	10	80°	32	30	M5	12	9	LM16UU-OP	774	1180	150
SBR20UU	23	24	48	50	39	10	60°	35	35	M6	12	11	LM20UU-OP	882	1370	200
SBR25UU	27	30	60	65	47	11.5	50°	40	40	M6	12	14	LM25UU-OP	980	1570	450
SBR30UU	33	35	70	70	56	14	50°	50	50	M8	18	15	LM30UU-OP	1570	2740	630
SBR35UU	37	40	80	80	63	16	50°	55	55	M8	18	18	LM35UU-OP	1670	3140	950
SBR40UU	42	45	90	90	72	19	50°	65	65	M10	20	20	LM40UU-OP	2160	4020	1330
SBR50UU	53	60	120	110	92	23	50°	94	80	M10	20	25	LM50UU-OP	3820	7940	3000

SBR12LUU	17	20.5	41	78	27	7.5	80°	28	50	M5	10	9	LM12UU-OP	1200	2000	180
SBR16LUU	20	22.5	45	85	33	10	80°	32	60	M5	12	9	LM16UU-OP	1548	2360	300
SBR20LUU	23	24	48	96	39	10	60°	35	70	M6	12	11	LM20UU-OP	1764	2740	400
SBR25LUU	27	30	60	130	47	11.5	50°	40	100	M6	12	14	LM25UU-OP	1960	3140	900
SBR30LUU	33	35	70	140	56	14	50°	50	110	M8	18	15	LM30UU-OP	3140	5480	1300
SBR35LUU	37	40	80	160	63	16	50°	55	120	M8	18	18	LM35UU-OP	3440	6280	1800
SBR40LUU	42	45	90	175	72	19	50°	65	140	M10	20	20	LM40UU-OP	4320	8040	2700
SBR50LUU	53	60	120	215	92	23	50°	94	160	M10	20	20	LM50UU-OP	7640	15880	6000

TBR Unit Series

TBR Linear Rail



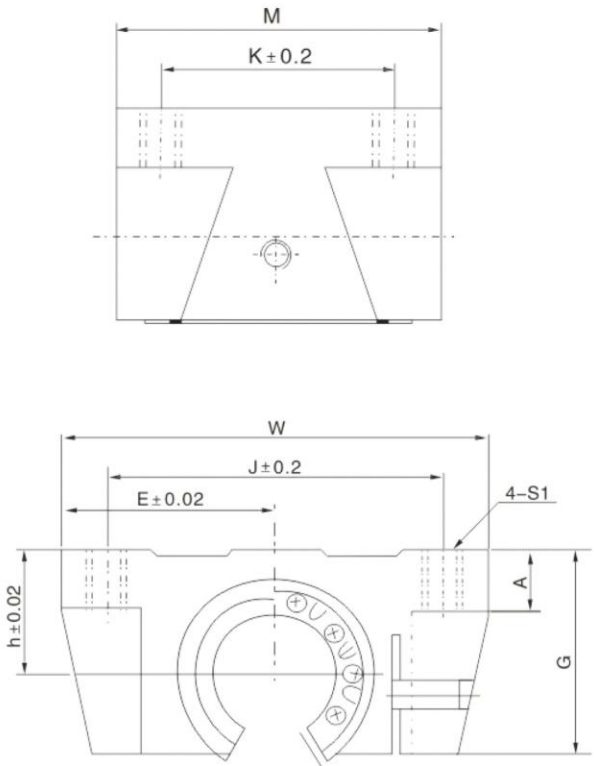
Model No.	Shaft Dia.	Dimensions (mm)									Weight (kg/m)
		E	h	B	H	T	F	C	S ₁	S ₂	
TBR16	Φ 16	25	22.14	50	14.96	6	18.71	37	Φ 5.5	5.5X9.5X5.4	2.6
TBR20	Φ 20	27.5	29.01	55	19.37	8	18.96	40	Φ 5.5	5.5X9.5X5.4	4.3
TBR25	Φ 25	32.5	31.97	65	20.14	10	20	45	Φ 6.6	6.6X11X6.5	5.9
TBR30	Φ 30	37.5	36.52	75	22.45	12	22.96	55	Φ 6.6	6.6X11X6.5	8.4

Support Rail Standard Lengths and Dimensions

Model No.	TBR16	TBR20	TBR25	TBR30
Standard Length L (mm)	190	340	250	450
	240	640	450	850
	640	940	850	1250
	940	1240	1250	1450
N (mm)	20	20	25	25
P (mm)	150	150	200	200
Max Length (mm)	4000	4000	4000	4000

TBR Linear Block

TBR...UU/TBR...LUU

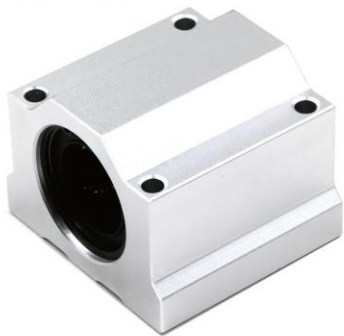


Model No.	Shaft Dia,	Basic Load Rating		Dimensions (mm)										Slide Linear Bearing			Weight (g)
		Dynamic CN	Static CoN	W	G	A	M	S ₁	J	K	E	h	Model No.	Basic Load Rating			
														Dynamic CN	Static CoN		
TBR16UU	Φ 16	392	490	62	26	8	42	M5	50	30	31	18	LM16UU-OP	392	490	200	
TBR20UU	Φ 20	784	1176	68	31	10	51	M6	54	37	34	21	LM20UU-OP	784	1176	300	
TBR25UU	Φ 25	1568	2352	82	41	12	65	M8	65	50	41	28	LM25UU-OP	1568	2352	600	
TBR30UU	Φ 30	1764	2940	91	48	12	75	M8	75	60	45.5	33.5	LM30UU-OP	1764	2940	900	

TBR16LUU	Φ 16	780	980	62	26	8	85	M5	50	60	31	18	LM16LUU-OP	392	490	400
TBR20LUU	Φ 20	1568	2352	68	31	10	96	M6	54	70	34	21	LM20LUU-OP	784	1176	600
TBR25LUU	Φ 25	3136	4704	82	41	12	130	M8	65	100	41	28	LM25LUU-OP	1568	2352	1200
TBR30LUU	Φ 30	3528	5880	91	48	12	140	M8	75	110	45.5	33.5	LM30LUU-OP	1764	2940	1800

SC Linear Block Series

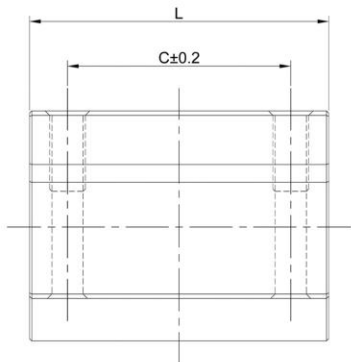
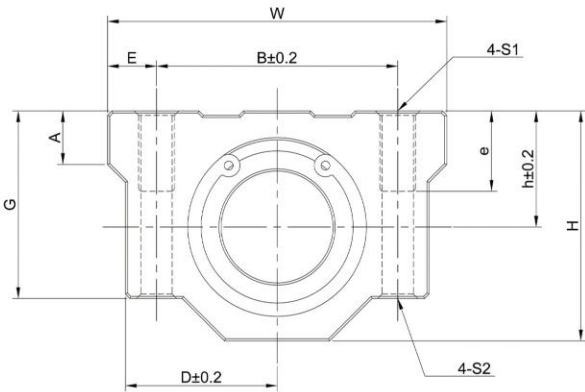
SC...S-UU/SC...S-AJ-UU



SCS-UU



SCS-AJ-UU



Model No.		Dimensions (mm)												Basic Load Rating		Weight (g)
		h	D	L	W	H	G	A	E	B	C	Size	S2	Dynamic CN	Static CoN	
SC6S-UU	SC6S-AJ-UU	g	15	25	30	18	15	6	5	20	15	M4xB	3.4	206	265	34
SC8S-UU	SC8S-AJ-UU	11	17	30	34	22	18	6	5	24	18	M4xB	3.4	274	392	52
SC10S-UU	SC10S-AJ-UU	13	20	35	40	26	21	8	6	28	21	M5x12	4.3	372	549	92
SC12S-UU	SC12S-AJ-UU	15	21	36	42	28	24	8	5.75	30.5	26	M5x12	4.3	510	784	102
SC13S-UU	SC13S-AJ-UU	15	22	39	44	30	24.5	8	5.5	33	26	M5x12	4.3	510	784	120
SC16S-UU	SC16S-AJ-UU	19	25	44	50	38.5	32.5	9	7	36	34	M5x12	4.3	774	1180	200
SC20S-UU	SC20S-AJ-UU	21	27	50	54	41	35	11	7	40	40	M6x12	5.2	882	1370	255
SC25S-UU	SC25S-AJ-UU	26	38	67	76	51.5	42	12	11	54	50	M8x18	7	980	1570	600
SC30S-UU	SC30S-AJ-UU	30	39	72	78	59.5	49	15	10	58	58	M8x18	7	1574	2740	735
SC35S-UU	SC35S-AJ-UU	34	45	80	90	68	54	18	10	70	60	M8x18	7	1670	3140	1100
SC40S-UU	SC40S-AJ-UU	40	51	90	102	78	62	20	11	80	60	M10x25	8.7	2160	4020	1590
SC50S-UU	SC50S-AJ-UU	52	61	110	122	102	80	25	11	100	80	M10x25	8.7	3820	7940	3340
SC60S-UU	SC60S-AJ-UU	58	66	122	132	114	94	30	12	108	90	M10x25	10.7	6500	13000	4270

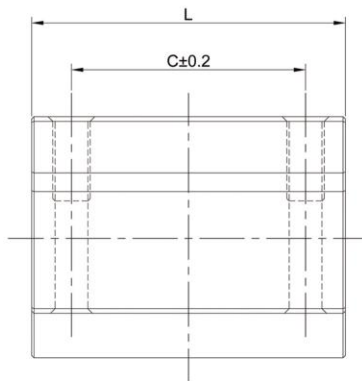
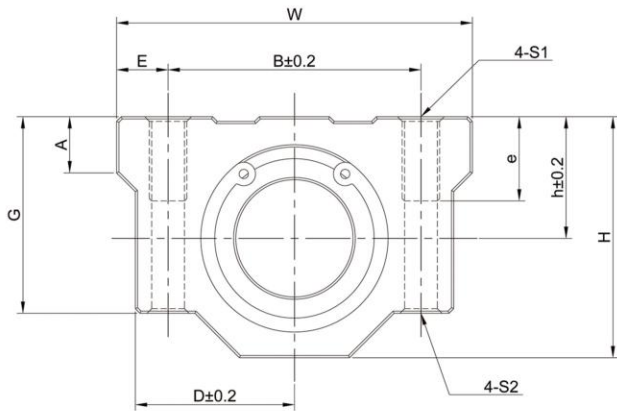
SCE...S-UU/SCE...S-AJ-UU



SCES-UU



SCES-AJ-UU



Model No.		Dimensions (mm)											Weight (g)	
Seal Type		h	D	L	W	H	G	A	E	B	C	S1xe		S2
SCE8S-UU	SCE8S-AJ-UU	11	17	30	34	22	18	6	5	24	18	M4x8	3.4	98
SCE10S-UU	SCE10S-AJ-UU	13	20	35	40	26	21	8	6	28	21	M5x12	4.3	102
SCE12S-UU	SCE12S-AJ-UU	15	22	39	44	30	24.5	8	5.5	33	26	M5x12	4.3	120
SCE16S-UU	SCE16S-AJ-UU	19	25	44	50	38.5	32.5	9	7	36	34	M5x12	4.3	200
SCE20S-UU	SCE20S-AJ-UU	21	27	53	54	41	35	11	7	40	40	M6x12	5.2	270
SCE25S-UU	SCE25S-AJ-UU	26	38	67	76	51.5	42	12	11	54	50	M8x18	7	600
SCE30S-UU	SCE30S-AJ-UU	30	39	76	78	59.5	49	15	10	58	58	M8x18	7	776
SCE40S-UU	SCE40S-AJ-UU	40	51	90	102	78	62	20	11	80	60	M10x25	8.7	1590
SCE50S-UU	SCE50S-AJ-UU	52	61	110	122	102	80	25	11	100	80	M10x25	8.7	3340
SCE60S-UU	SCE60S-AJ-UU	58	66	137	132	114	94	30	12	108	90	M12x25	10.7	4800

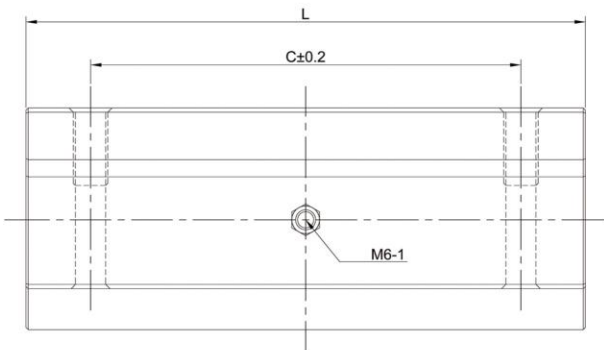
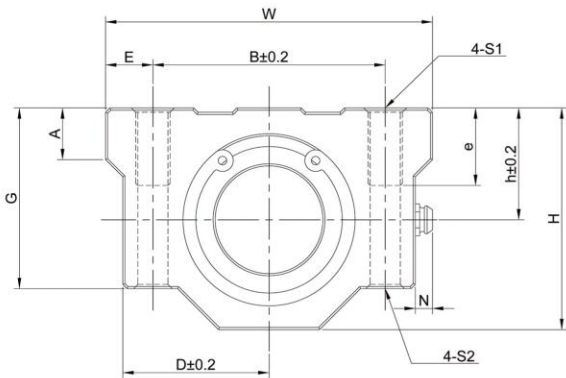
SC...L-UU/SC...L-AJ-UU



SCL-UU



SCL-AJ-UU



Model No.		Dimensions (mm)												Basic Load Rating		Weight (g)	
		h	D	L	W	H	G	N	A	E	B	C	Size	S ₂	Dynamic CN		Static CoN
SC8L-UU	SC8L-AJ-UU	11	17	58	34	22	18	7	6 ₆	5	24	42	M4x8	3.4	431	784	102
SC10L-UU	SC10L-AJ-UU	13	20	68	40	26	21	7	8	6	28	46	M5x12	4.3	588	1100	180
SC12L-UU	SC12L-AJ-UU	15	21	70	42	28	24	6.5	8	5.75	30.5	50	M5X12	4.3	813	1570	250
SC13L-UU	SC13L-AJ-UU	15	22	75	44	30	24.5	6.5	8	5.5	33	50	M5X12	4.3	813	1570	240
SC16L-UU	SC16L-AJ-UU	19	25	85	50	38.5	32.5	6	9	7	36	60	M5X12	4.3	1230	2350	400
SC20L-UU	SC20L-AJ-UU	21	27	96	54	41	35	7	11	7	40	70	M6x12	5.2	1410	2740	570
SC25L-UU	SC25L-AJ-UU	26	38	130	76	51.5	42	4	12	11	54	100	M8x18	7	1610	3140	1200
SC30L-UU	SC30L-AJ-UU	30	39	140	78	59.5	49	5	15	10	58	110	M8x18	7	2450	5490	1480
SC35L-UU	SC35L-AJ-UU	34	45	155	90	68	54	5.5	18	10	70	120	M8x18	7	2650	6270	2200
SC40L-UU	SC40L-AJ-UU	40	51	175	102	78	62	5	20	11	80	140	M10x25	8.7	3430	8040	3200
SC50L-UU	SC50L-AJ-UU	52	61	215	122	102	80	5	25	11	100	160	M12x25	8.7	6080	15900	6700
SC60L-UU	SC60L-AJ-UU	58	66	240	132	114	94	5	30	12	108	180	M12x25	10.7	7000	18000	9290

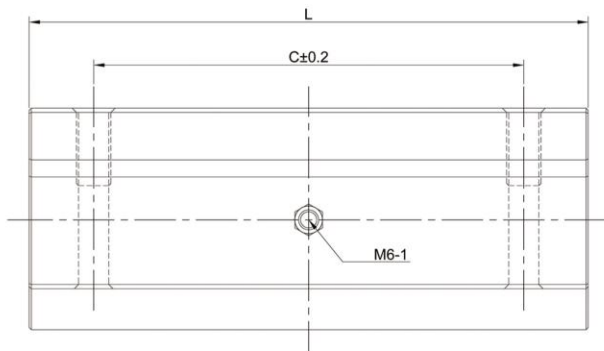
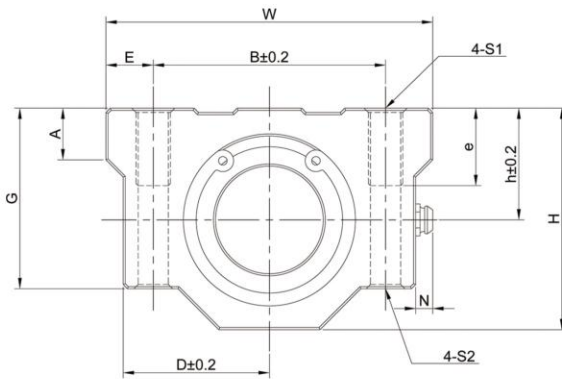
SCE...L-UU/SCE...L-AJ-UU



SCEL-AJ-UU

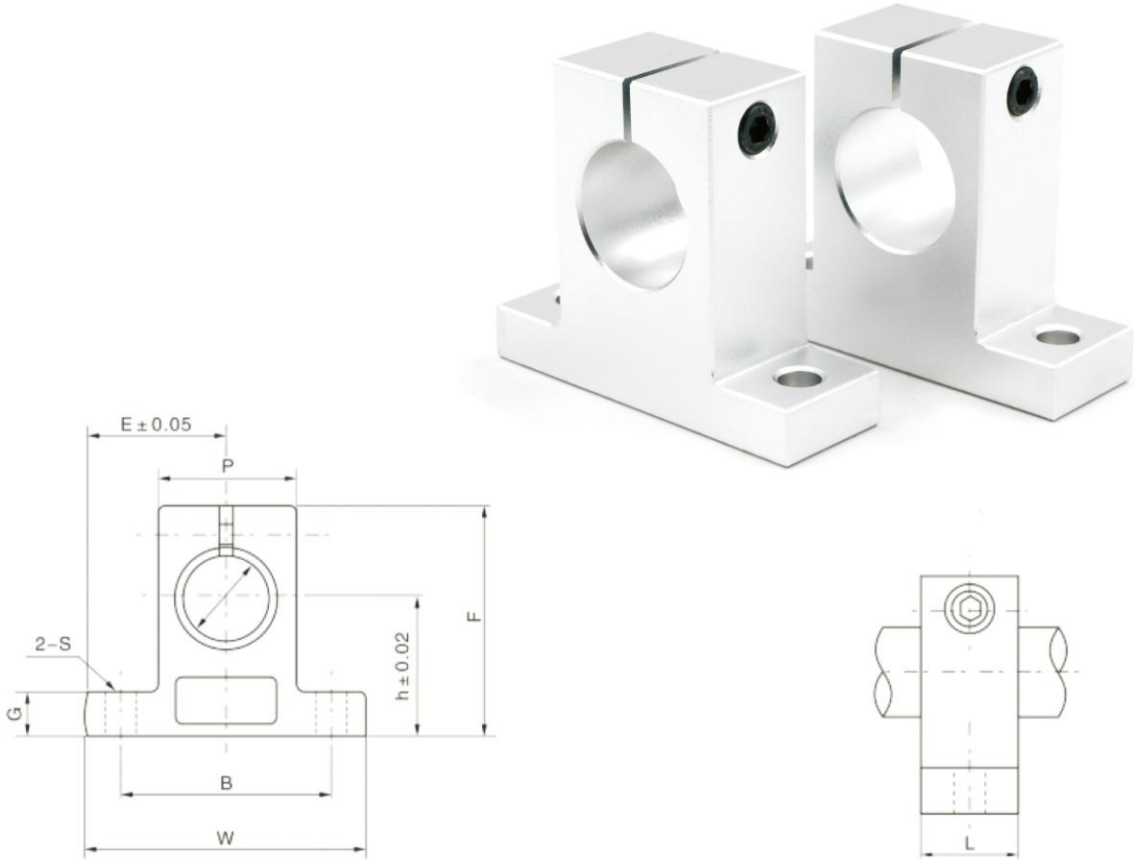


SCEL-AJ-UU



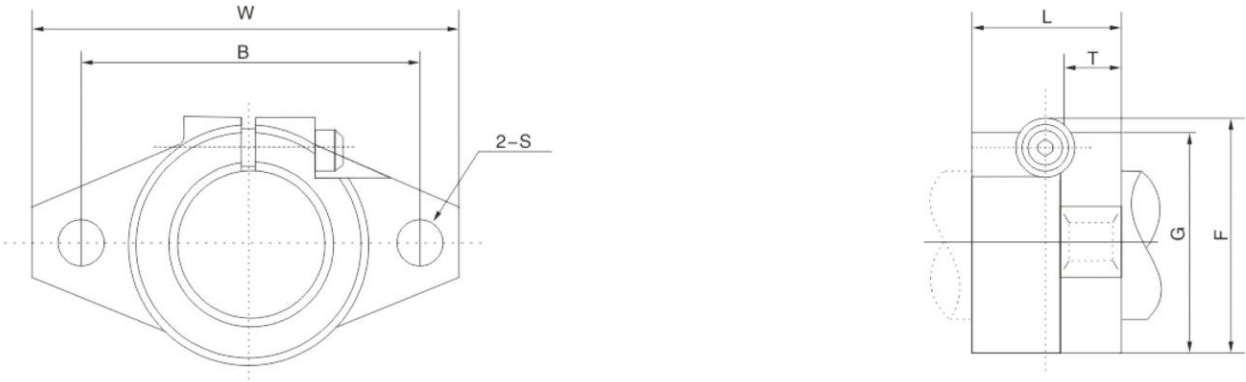
Model No.		Dimensions (mm)												Weight (g)	
		h	D	L	W	H	G	A	E	B	C	Size	S ₂		
SCE8L-UU	SCE8L-AJ-UU	11	17	58	34	22	18	6	5	24	12	M4x8	3.4	160	
SCE10L-UU	SCE10L-AJ-UU	13	20	68	40	26	21	8	6	28	46	M5x12	4.3	180	
SCE12L-UU	SCE12L-AJ-UU	15	22	77	44	30	24.5	8	5.5	33	64	M5x12	4.3	237	
SCE16L-UU	SCE16L-AJ-UU	19	25	89	50	38.5	325	9	7	36	79	M5x12	4.3	405	
SCE20L-UU	SCE20L-AJ-UU	21	27	100	54	41	35	11	7	40	90	M6x12	5.2	510	
SCE25L-UU	SCE25L-AJ-UU	26	38	154	76	51.5	42	12	11	54	119	M8x18	7	1220	
SCE30L-UU	SCE30L-AJ-UU	30	39	164	78	59.5	49	15	10	58	132	M8x18	7	1580	
SCE40L-UU	SCE40L-AJ-UU	40	51	180	102	78	62	20	11	80	150	M10x25	8.7	3180	
SCE50L-UU	SCE50L-AJ-UU	52	64	230	122	102	80	25	11	100	200	M12x25	8.7	6990	

Linear Shaft End Support Block Series SK Series



Model No.	Shaft Dia. (mm)	Dimensions (mm)									Locking Bolt	Clamping Bolt	Weight (g)
		h	E	W	L	F	G	P	B	S			
SK8	8	20	21	42	14	32.8	6	18	32	5.5	M4	M5	24
SK10	10	20	21	42	14	32.8	6	18	32	5.5	M4	M5	24
SK12	12	23	21	42	14	37.5	6	20	32	5.5	M4	M5	30
SK13	13	23	21	42	14	37.5	6	20	32	5.5	M4	M5	30
SK16	16	27	24	48	16	44	8	25	38	5.5	M4	M5	40
SK20	20	31	30	60	20	51	10	30	45	6.6	M5	M6	70
SK25	25	35	35	70	24	60	12	38	56	6.6	M6	M6	130
SK30	30	42	42	84	28	70	12	44	64	9	M6	M8	180
SK35	35	50	49	98	32	82	15	50	74	11	M8	M10	270
SK40	40	60	57	114	36	96	15	60	90	11	MS	M10	420
SK50	50	70	63	126	40	120	18	74	100	14	M12	M12	750
SK60	60	80	74	148	45	136	18	90	120	14	M12	M12	1100

SHF...A Series



Model No.	Shaft Dia. (mm)	Dimensions (mm)							Locking Bolt	Clamping Bolt	Weight (g)
		W	L	T	F	G	B	S			
SHF3A	3	43	10	5	24	20	32	5.5	M4	M5	13
SHF4A	4	43	10	5	24	20	32	5.5	M4	M5	13
SHF5A	5	43	10	5	24	20	32	5.5	M4	M5	13
SHF6A	6	43	10	5	24	20	32	5.5	M4	M5	13
SHF8A	8	43	10	5	24	20	32	5.5	M4	M5	13
SHF10A	10	43	10	5	24	20	32	5.5	M4	M5	13
SHF12A	12	47	13	7	28	25	36	5.5	M4	M5	20
SHF13A	13	47	13	7	28	25	36	5.5	M4	M5	20
SHF16A	16	50	16	6	31	28	40	5.5	M4	M5	27
SHF20A	20	60	20	8	37	34	48	7	M5	M6	40
SHF25A	25	70	25	10	42	40	56	7	M5	M6	60
SHF30A	30	80	30	12	50	46	64	9	M6	M8	110
SHF35A	35	92	35	14	58	50	72	12	MB	M10	380
SHF40A	40	102	40	16	67	56	80	12	M10	M8	510
SHF50A	50	122	50	19	83	70	96	14	M12	M12	890
SHF60A	60	140	60	23	95	82	112	14	M12	M12	1500

Linear Motion Bearing Series

LM...UU/AJ/OP



LM-UU
Standard type



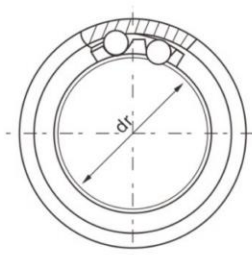
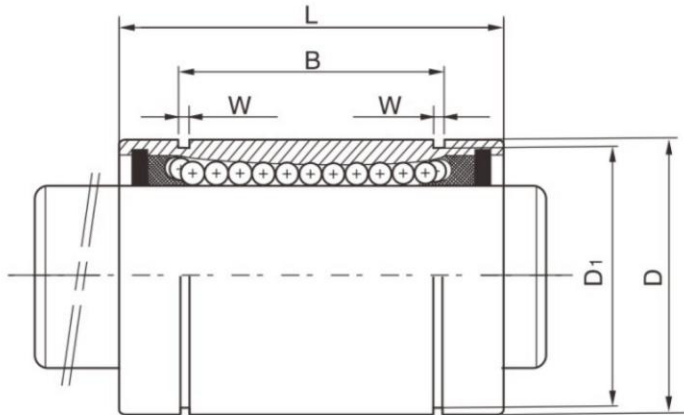
LM-AJ-UU
Adjustable type



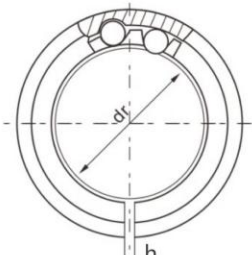
LM-OP-UU
Open type

Model Specification			
LM	AJ	OP	UU
Item	Adjustment	Open	Seals

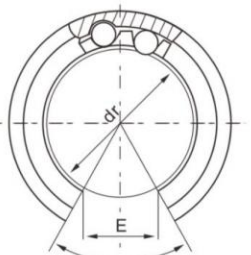
Shaft Diameter (mm)	Model No.									Shaft Dia. (mm)	Tolerance (μm)	
	Standard Type LM	Ball Circuit	Weight (g)	Adjustment Type LM-AJ	Ball Circuit	Weight (g)	Open Type LM-OP	Ball Circuit	Weight (g)		Precision	High
3	LM3-UU	4	1.35	—						3	0-5	0-8
4	LM4-UU	4	1.9	—			—			4	0-5	0-8
5	LM5-UU	4	4	—						5	0-5	0-8
6	LM6-UU	4	7.6	—			—			6	0-6	0-9
8	LM8S-UU	4	10.4	—			—			8	0-6	0-9
8	LM8-UU	4	15	—			—			8	0-6	0-9
10	LM10-UU	4	29.5	LM10-AJ-UU	4	29	LM10-OP-UU	3	23	10	0-6	0-9
12	LM12-UU	4	31.5	LM12-AJ-UU	4	31	LM12-OP-UU	3	25	12	0-6	0-9
13	LM13-UU	4	43	LM13-AJ-UU	4	42	LM13-OP-UU	3	34	13	0-6	0-9
16	LM16-UU	4	69	LM16-AJ-UU	4	68	LM16-OP-UU	3	52	16	0-6	0-9
20	LM20-UU	5	87	LM20-AJ-UU	5	85	LM20-OP-UU	4	69	20	0-7	0-10
25	LM25-UU	6	220	LM25-AJ-UU	6	216	LM25-OP-UU	5	188	25	0-7	0-10
30	LM30-UU	6	250	LM30-AJ-UU	6	245	LM30-OP-UU	5	210	30	0-7	0-10
35	LM35-UU	6	390	LM35-AJ-JU	6	384	LM35-OP-UU	5	335	35	0-8	0-12
40	LM40-UU	6	585	LM40-AJ-UU	6	579	LM40-OP-UU	5	500	40	0-8	0-12
50	LM50-UU	6	1580	LM50-AJ-UU	6	1560	LM50-OP-UU	5	1344	50	0-8	0-12
60	LM60-UU	6	1860	LM60-AJ-UU	6	1820	LM60-OP-UU	5	1610	60	0-9	0-15
80	LM80-UU	6	4420	LM80-AJ-UU	6	4300	LM80-OP-UU	5	3650	80	0-9	0-15
100	LM100-JU	6	8600	LM100-AJ-UU	6	8540	LM100-OP-UU	5	7200	100	0-10	0-20
120	LM120-UU	8	15000	LM120-AJ-UU	8	14900	LM120-OP-UU	6	11600	120	0-10	0-20
150	LM150-UU	8	20250	LM150-AJ-UU	8	20150	LM150-OP-UU	6	15700	150	0-13	0-25



LM



LM...AJ



LM...OP

Major Dimensions and Tolerance											Eccentricity		Radial Clearance (Max) μm	Basic Load Rating		Nominal Shaft Diameter (mm)
D		L		B		W	D1	h	h1	θ	Precision (μm)	High (μm)		Dynamic CN	Static CoN	
mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	mm	mm	°						
7	0-9	10	0-120	-	-	-	-	-	-	-	4	0	-3	69	105	3
8	0-9	12	0-120	-	-	-	-	-	-	-	4	a	-3	88	127	4
10	0-9	15	0-120	10.2	0-200	1.1	9.6	-	-	-	8	0	-3	167	206	5
12	0-11	19	0-200	13.5	0-200	1.1	11.5	-	-	-	8	12	-3	206	265	6
15	0-11	17	0-200	11.5	0-200	1.1	14.3	-	-	-	8	4	-3	176	216	8
15	0-11	24	0-200	17.5	0-200	1.1	14.3	-	-	-	8	12	-3	274	392	8
19	0-13	29	0-200	22	0-200	1.3	18	1	6.8	80°	8	12	-4	372	549	10
21	0-13	30	0-200	23	0-200	1.3	20	1.5	8	80°	8	12	-4	510	784	12
23	0-13	32	0-200	23	0-200	1.3	22	1.5	9	80°	8	12	-4	510	784	13
28	0-13	37	0-200	26.5	0-200	1.6	27	1.5	11	80°	8	12	-6	774	1180	16
32	0-16	42	0-200	30.5	0-200	1.6	30.5	1.5	11	60°	10	15	-6	882	1370	20
40	0-16	59	0-300	41	0-300	1.85	38	2	12	50°	10	15	-6	980	1570	25
45	0-16	64	0-300	44.5	0-300	1.85	43	2.5	15	50°	10	15	-8	1570	2740	30
52	0-19	70	0-300	49.5	0-300	2.1	49	2.5	17	50°	12	20	-8	1670	3140	35
60	0-19	80	0-300	60.5	0-300	2.1	57	3	20	50°	12	20	-8	2160	4020	40
80	0-19	100	0-300	74	0-300	2.6	76.5	3	25	50°	12	20	-13	3820	7940	50
90	0-22	110	0-300	85	0-900	3.15	86.5	3	30	50°	17	25	-13	4700	10000	60
120	0-22	140	0-400	105.5	0-400	4.15	116	3	40	50°	17	25	-20	7350	16000	80
150	0-25	175	0-400	125.5	0-400	4.15	145	3	50	50°	20	30	-20	14100	34800	100
180	0-25	200	0-400	158.5	0-400	4.15	175	3	85	80°	20	30	-25	16400	40000	120
210	0-29	240	0-400	170.6	0-400	5.15	204	3	105	80°	25	40	-25	21100	54300	150

LME...UU/AJ/OP



LME-UU
Standard type



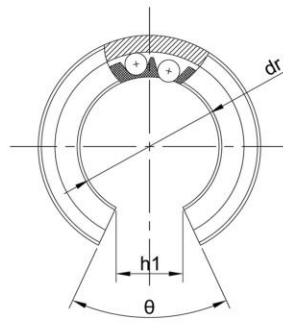
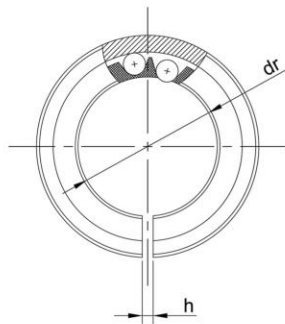
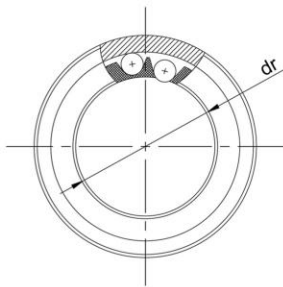
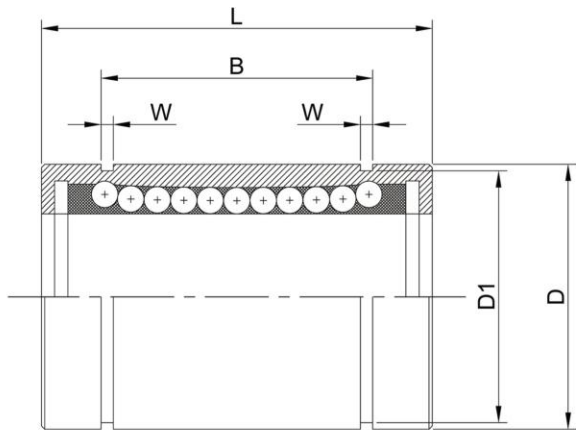
LME-AJ-UU
Adjustable type



LME-OP-UU
Open type

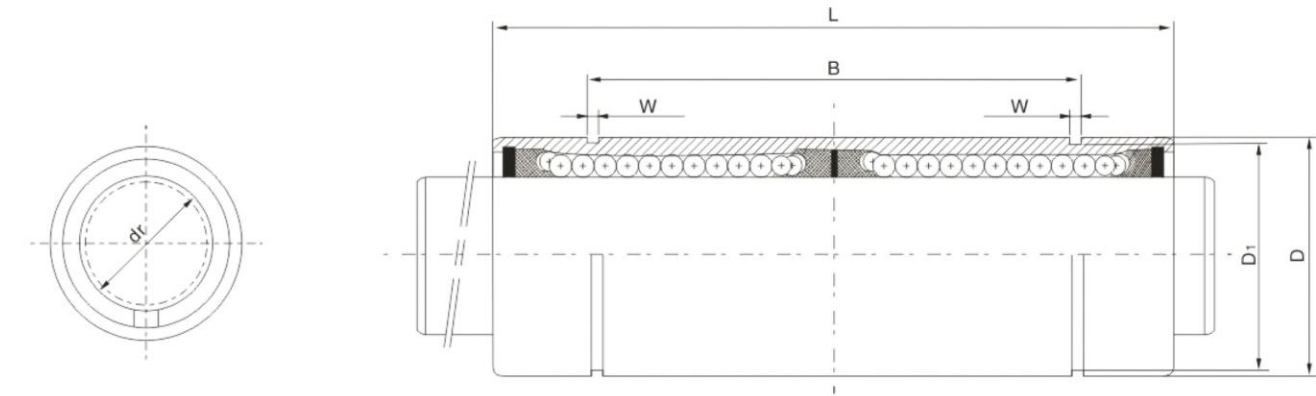
Model Specification			
LME	AJ	OP	UU
Item	Adjustment	Open	Seals

Nominal Shaft Diameter (mm)	Model No.										dr	
	European Standard Type LME	Ball Circuit	Weight (g)	European Standard Adjustment Type LME-AJ	Ball Circuit	Weight (g)	LME-OP European Standard open Type	Ball Circuit	Weight (g)	mm	Tolerance (μm)	
											Precision	High
5	LME5-UU	4	11	-	-	-	-	-	-	5	-	+8-0
8	LME8-UU	4	20	-	-	-	-	-	-	8	-	+8-0
10	LME10-UU	4	29.5	LME10-AJ-UU	4	29	LME10-OP-UU	3	23	10	-	+8-0
12	LME12-UU	4	41	LME12-AJ-UU	4	40	LME12-OP-UU	3	32	12	-	+8-0
16	LME16-UU	4	57	LME16-AJ-UU	4	56	LME16-OP-UU	3	44	16	-	+9-1
20	LME20-UU	5	91	LME20-AJ-UU	5	90	LME20-OP-UU	4	75	20	-	+9-1
25	LME25-UU	6	215	LME25-AJ-UU	6	212	LME25-OP-UU	5	181	25	-	+11-1
30	LME30-UU	6	325	LME30-AJ-UU	6	320	LME30-OP-UU	5	272	30	-	+11-1
40	LME40-UU	6	705	LME40-AJ-UU	6	694	LME40-OP-UU	5	600	40	-	+13-2
50	LME50-UU	6	1130	LME50-AJ-UU	6	1110	LME50-OP-UU	5	970	50	-	+13-2
60	LME60-UU	6	2050	LME60-AJ-UU	6	2000	LME60-OP-UU	5	1580	60	-	+13-2
80	LME80-UU	6	5000	LME80-AJ-UU	6	4860	LME80-OP-UU	5	4240	80	-	+13-2



Major Dimensions and Tolerance											Eccentricity	Radial Clearance (Max) μm	Basic Load Rating		Nominal Shaft Diameter (mm)
D	Tolerance (μm)	L	Tolerance (μm)	B	Tolerance (μm)	W	D1	h	h1	θ			Dynamic CN	Static CoN	
mm		mm		mm		mm	mm	mm	mm						
12	0-8	22	0-200	14.5	0-200	1.1	11.5	-	-	-	12	-3	206	265	5
16	0-8	25	0-200	16.5	0-200	1.1	15.2	-	-	-	12	-3	265	402	8
19	0-9	29	0-200	22	0-200	1.3	18	1	6.8	80°	12	-4	372	549	10
22	0-9	32	0-200	22.9	0-200	1.3	21	1.5	7.5	78°	12	-4	510	784	12
26	0-9	36	0-200	24.9	0-200	1.3	24.9	1.5	10	78°	12	-4	578	892	16
32	0-11	45	0-200	31.5	0-200	1.6	30.3	2	10	60°	15	-6	862	1.370	20
40	0-11	58	0-300	44.1	0-300	1.85	37.5	2	12.5	60°	15	-6	980	1.570	25
47	0-11	68	0-300	52.1	0-300	1.85	44.5	2	12.5	50°	15	-8	1570	2.740	30
62	0-13	80	0-300	60.6	0-300	2.15	59	3	16.8	50°	17	-8	2160	4.020	40
75	0-13	100	0-300	77.6	0-300	2.65	72	3	21	50°	17	-13	3820	7.940	50
90	0-15	125	0-400	101.7	0-400	3.15	86.5	3	27.2	54°	20	-13	4700	9.800	60
120	0-15	165	0-400	133.7	0-400	4.15	116	3	36.3	54°	20	-20	7350	16.000	80

LM...LUU/LME...LUU



SI UNIT: 1N =0.102kgf Unit: mm

Model No.	Ball Circuit	Weight (g)	Inner Diameter		Outer diameter	
			dr	Tolerance	D	Tolerance
LM6LUU	4	16	6	0-0.010	12	0-0.013
LM8LUU	4	31	8		15	
LM10LUU	4	62	10		19	0-0.016
LM12LUU	5	80	12		21	
LM13LUU	5	90	13		23	
LM16LUU	5	145	16	0-0.012	28	0-0.019
LM20LUU	6	180	20		32	
LM25LUU	6	440	25		40	
LM30LUU	6	580	30		45	0-0.022
LM35LUU	6	795	35	0-0.012	52	
LM40LUU	6	1170	40		60	
LM50LUU	6	2100	50	0-0.020	80	0-0.025
LM60LUU	6	3500	60		90	

Model No.	Ball Circuit	Weight (g)	Inner Diameter		Outer Diameter	
			dr	Tolerance	D	Tolerance
LME8LUU	4	31	8	+0.009-0.001	16	0-0.009
LME12LUU	5	80	12		22	0-0.011
LME16LUU	5	145	16	+0.011-0.001	26	
LME20LUU	6	180	20		32	0-0.013
LME25LUU	6	440	25	+0.013-0.002	40	
LME30LUU	6	580	30		47	0-0.015
LME40LUU	6	1170	40	+0.016-0.004	62	
LME50LUU	6	3100	50		75	0-0.020
LME60LUU	6	3500	60		90	

SI UNIT: 1N =0.102kgf Unit: mm

Length		B		W	D1	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
L	Tolerance		Tolerance					Dynamic CN	Static CoN	
35	0-0.3	27	0-0.3	1.1	11.5	15	15	324	529	LM6LUU
45		35		1.1	14.3	15	15	413	784	LM8LUU
55		44		1.3	18	15	15	588	1100	LM10LUU
57		46		1.3	20	15	15	657	1200	LM12LUU
61		46		1.3	22	15	15	814	1570	LM13LUU
70		53		1.6	27	15	15	1230	2350	LM16LUU
80	0-0.4	61	0-0.4	1.6	30.5	20	20	1400	2750	LM20LUU
112		82		1.85	38	20	20	1560	3140	LM25LUU
123		89		1.85	43	20	20	2490	5490	LM30LUU
135		99		2.1	49	25	25	2650	6470	LM35LUU
154		121		2.1	57	25	25	3430	8040	LM40LUU
192		148		2.6	76.5	25	25	6080	15900	LM50LUU
211		170		3.15	86.5	25	25	7650	20000	LM60LUU

Length		B		W	D1	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
L	Tolerance		Tolerance					Dynamic CN	Static CoN	
45	0-0.3	33	0-0.3	1.1	15.2	15	15	431	784	LME8LUU
57		45.8		1.3	21			657	1200	LME12LUU
70		49.8		1.3	24.9			1230	2350	LME16LUU
80		61		1.6	30.5	17	20	1400	2750	LME20LUU
112	0-0.4	82	0-0.4	1.85	38			1560	3140	LME25LUU
123		104.2		1.85	44.5	20	25	2490	5490	LME30LUU
154		121.2		2.15	59			3430	8040	LME40LUU
192		155.2		2.65	72			6080	15900	LME50LUU
211		170		3.15	86.5	25		7650	20000	LME60LUU

LMF...UU/LMK...UU



LMF



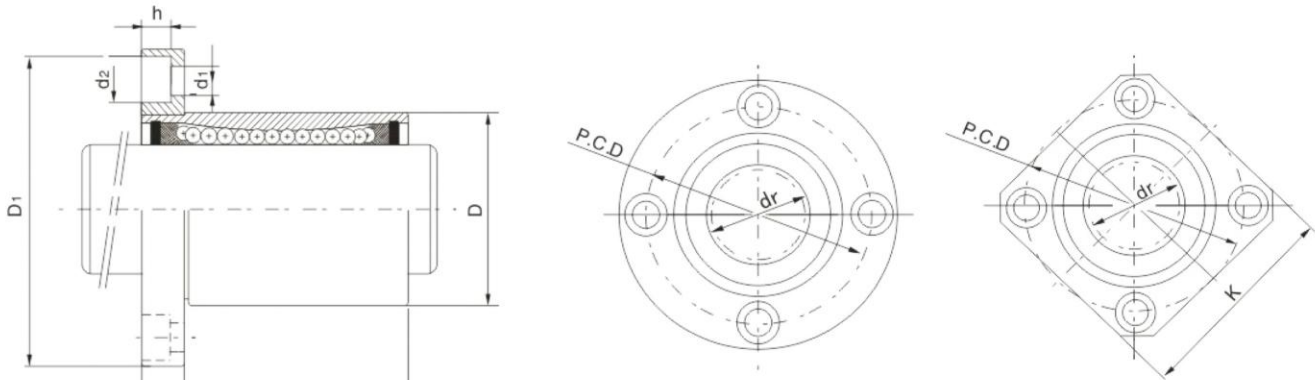
LMK

SI UNIT: 1N=0.102kgf Unit: mm

Model No.			Inner Diameter		Outer Diameter		Length		Flange Diameter	
LMF...UU	Ball circuit	Weight (g)	dr	Tolerance	D	Tolerance	L	Tolerance	Di	Tolerance
LMF6UU	4	26.5	6	0-0.009	12	0-0.011	19	0-0.2	28	0-0.2
LMF8SUU	4	34	8		15		17		32	
LMF8UU	4	40	8		15		24		32	
LMF10UU	4	78	10		19		29		40	
LMF12UU	4	76	12		21		30		42	
LMF13UU	4	94	13	0-0.010	23	0-0.013	32	0-0.3	43	0-0.3
LMF16UU	5	134	16		28		37		48	
LMF20UU	5	180	20		32		42		54	
LMF25UU	6	340	25		40		59		62	
LMF30UU	6	460	30		45		64		74	
LMF35UU	6	795	35	0-0.012	52	0-0.019	70		82	
LMF40UU	6	1054	40		60		80		96	
LMF50UU	6	2200	50		80		100		116	
LMF60UU	6	2960	60		90		110		134	

Notic: The flanged linear bearings of our company adopt threaded connection. The thread standard is implemented according to GB964-67. In addition to the standard type, this structure can also be assembled according to different requirements, which is convenient and easy to implement, and make the flange and the bearing are interchangeable.

Model No.			Inner Diameter		Outer Diameter		Length		Flange Diameter	
LMK...UU	Ball circuit	Weight (g)	dr	Tolerance	D	Tolerance	L	Tolerance	Di	Tolerance
LMK6UU	4	18.5	6	0-0.009	12	0-0.011	19	0-0.2	28	0-0.2
LMK8SUU	4	23	8		15		17		32	
LMK8UU	4	29	8		15		24		32	
LMK10UU	4	61	10		19		29		40	
LMK12UU	4	56	12		21		30		42	
LMK13UU	4	75	13	0-0.010	23	0-0.013	32	0-0.3	43	0-0.3
LMK16UU	5	104	16		28		37		48	
LMK20UU	5	145	20		32		42		54	
LMK25UU	6	300	25		40		59		62	
LMK30UU	6	375	30		45		64		74	
LMK35UU	6	692	35	0-0.012	52	0-0.019	70		82	
LMK40UU	6	864	40		60		80		96	
LMK50UU	6	2020	50		80		100		116	
LMK60UU	6	2520	60		90		110		134	



SI UNIT: 1N=0.102kgf Unit: mm

H	P.C.D	Hole for Attachment d1Xd2Xh	Amgular Radial Tolerance of Flange (μm)	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
						Dynamic CN	Static CoN	
5	20	3.4X6.5X3.3	12	12	-5	21	27	LMF6UU
5	24	3.4X6.5X3.3	12	12	-5	18	23	LMF8SUU
5	24	3.4X6.5X3.3	12	12	-5	27	41	LMF8UU
6	29	4.5X8X4.4	12	12	-5	38	56	LMF10UU
6	32	4.5X8X4.4	12	12	-5	42	61	LMF12UU
6	33	4.5X8X4.4	12	12	-7	52	79	LMF13UU
6	38	4.5X8X4.4	12	12	-7	79	120	LMF16UU
8	43	5.5X9.5X5.4	15	15	-9	88	140	LMF20UU
8	51	5.5X9.5X5.4	15	15	-9	100	160	LMF25UU
10	60	6.6X11X6.5	15	15	-9	160	280	LMF30UU
10	67	6.6X11X6.5	20	20	-13	170	320	LMF35UU
13	78	9X14X8.6	20	20	-13	220	410	LMF40UU
13	98	9X14X8.6	20	20	-13	390	810	LMF50UU
18	112	11X17.5X10.8	25	25	-13	480	1020	LMF60UU

K	H	P.C.D	Hole for Attachment d1Xd2Xh	Amgular Radial Tolerance of Flange (μm)	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
							Dynamic CN	Static CoN	
22	5	20	3.4X6.5X3.3	12	12	-5	21	27	LMK6UU
25	5	24	3.4X6.5X3.3	12	12	-5	18	23	LMK8SUU
25	5	24	3.4X6.5X3.3	12	12	-5	27	41	LMK8UU
30	6	29	4.5X8X4.4	12	12	-5	38	56	LMK10UU
32	6	32	4.5X8X4.4	12	12	-5	42	61	LMK12UU
34	6	33	4.5X8X4.4	12	12	-7	52	79	LMK13UU
37	6	38	4.5X8X4.4	12	12	-7	79	120	LMK16UU
42	8	43	5.5X9.5X5.4	15	15	-9	88	140	LMK20UU
50	8	51	5.5X9.5X5.4	15	15	-9	100	160	LMK25UU
58	10	60	6.6X11X6.5	15	15	-9	160	280	LMK30UU
64	10	67	6.6X11X6.5	20	20	-13	170	320	LMK35UU
75	13	78	9X14X8.6	20	20	-13	220	410	LMK40UU
92	13	98	9X14X8.6	20	20	-13	390	810	LMK50UU
106	18	112	11X17.5X10.8	25	25	-13	480	1020	LMK60UU

LMEF...UU/LMEK...UU

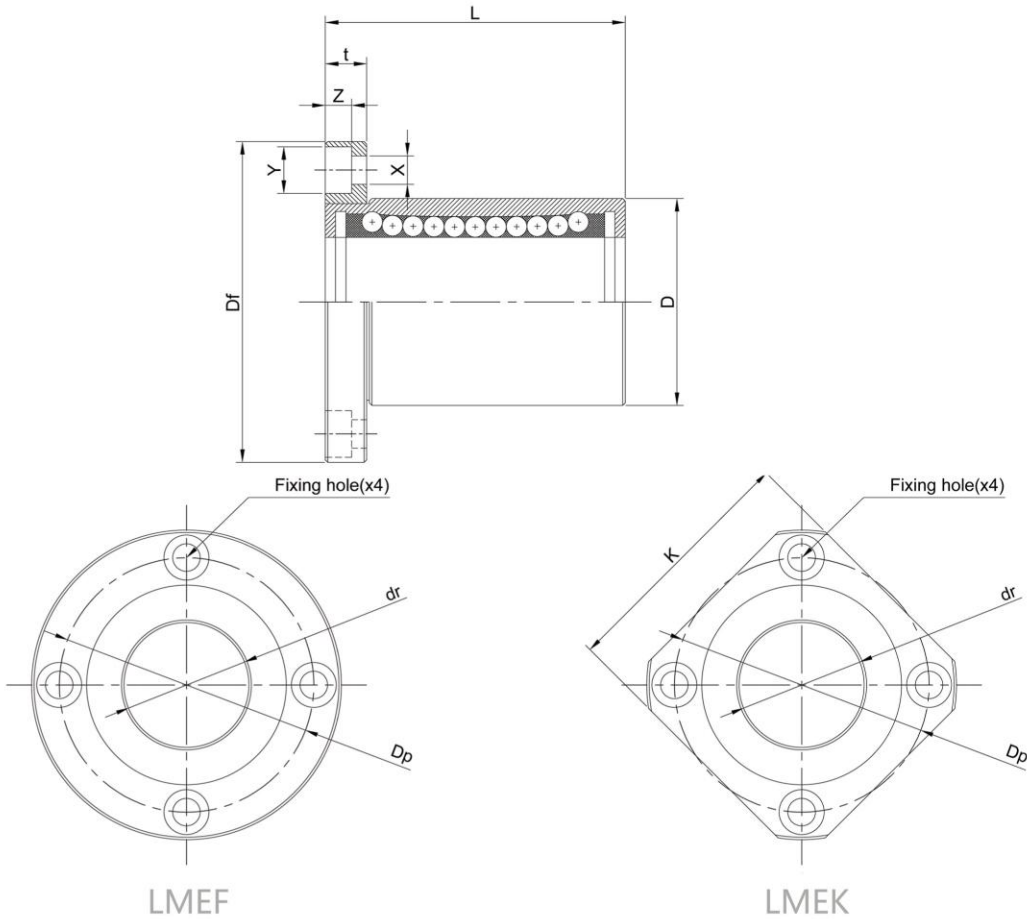


LMEF



LMEK

Nominal Shaft Diameter (mm)	Model No.		Weight (g)	Major Dimensions and Tolerance						
	Bearing Steel Type	Stainless Steel Type		dr		D		Df	L	
	LMEF (K) ...UU	LMESF (K) ...UU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	Tolerance (μm)
8	LMEF8-UU LMEK8-UU	LMESF8-UU LMESK8-UU	41 33	8	+80	16	0-13	32	25	±300
12	LMEF12-UU LMEK12-UU	LMESF12-UU LMESK12-UU	80 64	12	+80	22	0-16	42	32	±300
16	LMEF16-UU LMEK16-UU	LMESF16-UU LMESK16-UU	103 90	16	+9-1	26	0-16	45	36	±300
20	LMEF20-UU LMEK20-UU	LMESF20-UU LMESK20-UU	182 147	20	+9-1	32	0-19	54	45	±300
25	LMEF25-UU LMEK25-UU	LMESF25-UU LMESK25-UU	335 295	25	+11-1	40	0-19	62	58	±300
30	LMEF30-UU LMEK30-UU	LMESF30-UU LMESK30-UU	560 465	30	+11-1	47	0-19	76	68	±300
40	LMEF40-UU LMEK40-UU	LMESF40-UU LMESK40-UU	1175 975	40	+13-2	62	0-22	98	80	±300
50	LMEF50-UU LMEK50-UU	LMESF50-UU LMESK50-UU	1745 1545	50	+13-2	75	0-22	112	100	±300
60	LMEF60-UU LMEK60-UU	LMESF60-UU LMESK60-UU	3220 2780	60	+13-2	90	0-25	134	125	±300
80	LMEF80-UU LMEK80-UU	-	6420 5920	80	+16-4	120	0-25	164	165	±300



Model No.		Major Dimensions and Tolerance						Eccentricity (μm)	Squareness (μm)	Basic Load Rating		Nominal Shaft Diameter (mm)
Bearing Steel Type	Stainless Steel Type	Flange								Dynamic (CN)	Static (CoN)	
		K mm	t mm	Dp mm	X mm	Y mm	Z mm					
LMEF (K) ... UU	LMESF (K) ... UU											
LMEF8-UU LMEK8-UU	LMESF8-UU LMESK8-UU	25	5	24	3.5	6	3.1	12	12	265	402	8
LMEF12-UU LMEK12-UU	LMESF12-UU LMESK12-UU	32	6	32	4.5	7.5	4.1	12	12	510	784	12
LMEF16-UU LMEK16-UU	LMESF16-UU LMESK16-UU	35	6	36	4.5	7.5	4.1	12	12	578	892	16
LMEF20-UU LMEK20-UU	LMESF20-UU LMESK20-UU	42	8	43	5.5	9	5.1	12	12	862	1370	20
LMEF25-UU LMEK25-UU	LMESF25-UU LMESK25-UU	50	8	51	5.5	9	5.1	15	15	980	1570	25
LMEF30-UU LMEK30-UU	LMESF30-UU LMESK30-UU	60	10	62	6.6	11	6.1	15	15	1570	2740	30
LMEF40-UU LMEK40-UU	LMESF40-UU LMESK40-UU	75	13	80	9	14	8.1	15	15	2160	4020	40
LMEF50-UU LMEK50-UU	LMESF50-UU LMESK50-UU	88	13	94	9	14	8.1	17	17	3820	7940	50
LMEF60-UU LMEK60-UU	LMESF60-UU LMESK60-UU	106	18	112	11	17	11.1	17	17	4700	9800	60
LMEF80-UU LMEK80-UU	-	136	18	142	11	17	11.1	20	20	7350	16000	80

LMF...LUU/LMK...LUU



LMF-L

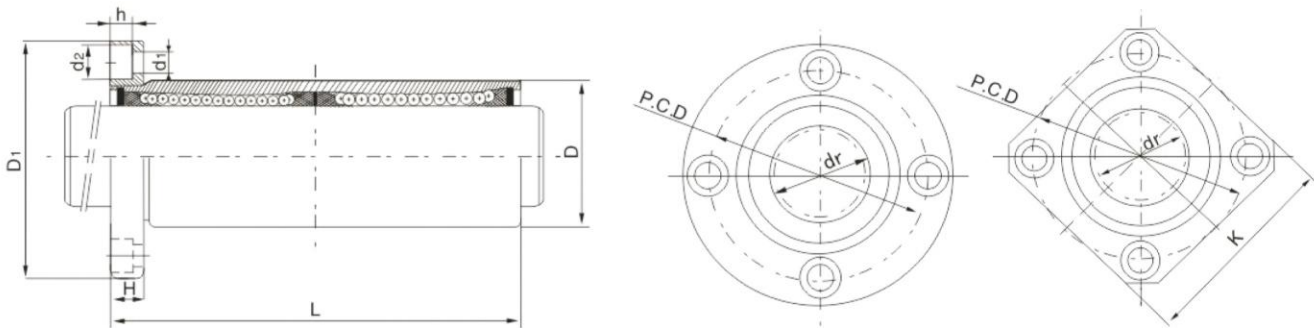


LMK-L

SI UNIT: 1N=0.102kgf Unit: mm

Desingnation			Inscribed Clecle Diameter		Outer Dianmeter		Lenght		Flange Dianmeter	
LMF...LUU	Ball Circuit	Weight (g)	dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMF6LUU	4	32	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMF8LUU	4	53	8		15	-0.013	45		32	
LMF10LUU	4	105	10		19	0 -0.016	55		40	
LMF12LUU	4	100	12		21		57		42	
LMF13LUU	4	130	13		23		61		43	
LMF16LUU	5	187	16	0 -0.012	28	0 -0.019	70	0 -0.4	48	
LMF20LUU	5	260	20		32		80		54	
LMF25LUU	6	515	25		40		112		62	
LMF30LUU	6	655	30	0 -0.015	45	0 -0.022	123	0 -0.3	74	
LMF35LUU	6	970	35		52		135		82	
LMF40LUU	6	1560	40		60		154		96	
LMF50LUU	6	3500	50		80		192		116	
LMF60LUU	6	4500	60	0 -0.020	90	0 -0.025	211		134	

Desingnation			Inscribed Clecle Diameter		Outer Dianmeter		Lenght		Flange Dianmeter	
LMK...LUU	Ball Circuit	Weight (g)	dr	Tolerance	D	Tolerance	L	Tolerance	D ₁	Tolerance
LMK6LUU	4	26	6	0 -0.010	12	0	35	0 -0.3	28	0 -0.2
LMK8LUU	4	46	8		15	-0.013	45		32	
LMK10LUU	4	88	10		19	0 -0.016	55		40	
LMK12LUU	4	82	12		21		57		42	
LMK13LUU	4	108	13		23		61		43	
LMK16LUU	5	160	16	0 -0.012	28	0 -0.019	70	0 -0.4	48	
LMK20LUU	5	230	20		32		80		54	
LMK25LUU	6	475	25		40		112		62	
LMK30LUU	6	575	30	0 -0.015	45	0 -0.022	123	0 -0.3	74	
LMK35LUU	6	870	35		52		135		82	
LMK40LUU	6	1380	40		60		154		96	
LMK50LUU	6	3300	50		80		192		116	
LMK60LUU	6	4060	60	0 -0.020	90	0 -0.025	211		134	



SI UNIT: 1N=0.102kgf Unit: mm

H	P. C. D	Hole for Attachment d ₁ Xd ₂ Xh	Amgular Radial Tolerance of Flange μm	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
						Dynamic (CN)	Static (CoN)	
5	20	3. 4X6. 5X3. 3	15	15	-5	324	529	LMF6LUU
5	24	3. 4X6. 5X3. 3	15	15	-5	431	784	LMF8LUU
6	29	4. 5X8X4. 4	15	15	-5	588	1100	LMF10LUU
6	32	4. 5X8X4. 4	15	15	-5	657	1200	LMF12LUU
6	33	4. 5X8X4. 4	15	15	-7	814	1570	LMF13LUU
6	38	4. 5X8X4. 4	15	15	-7	1230	2350	LMF16LUU
8	43	5. 5X9. 5X5. 4	20	20	-9	1400	2750	LMF20LUU
8	51	5. 5X9. 5X5. 4	20	20	-9	1560	3140	LMF25LUU
10	60	6. 6X11X6. 5	20	20	-9	2490	5490	LMF30LUU
10	67	6. 6X11X6. 5	25	25	-13	2650	6270	LMF35LUU
13	78	9X14X8. 6	25	25	-13	3430	8040	LMF40LUU
13	98	9X14X8. 6	25	25	-13	6080	15900	LMF50LUU
18	112	11X17. 5X10. 8	25	25	-13	7650	20000	LMF60LUU

K	H	P. C. D	Hole for Attachment d ₁ Xd ₂ Xh	Amgular Radial Tolerance of Flange μm	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
							Dynamic (CN)	Static (CoN)	
22	5	20	3. 4X6. 5X3. 3	15	15	-5	324	529	LMK6LUU
25	5	24	3. 4X6. 5X3. 3	15	15	-5	431	784	LMK8LUU
30	6	29	4. 5X8X4. 4	15	15	-5	588	1100	LMK10LUU
32	6	32	4. 5X8X4. 4	15	15	-5	657	1200	LMK12LUU
34	6	33	4. 5X8X4. 4	15	15	-7	814	1570	LMK13LUU
37	6	38	4. 5X8X4. 4	15	15	-7	1230	2350	LMK16LUU
42	8	43	5. 5X9. 5X5. 4	20	20	-9	1400	2750	LMK20LUU
50	8	51	5. 5X9. 5X5. 4	20	20	-9	1560	3140	LMK25LUU
58	10	60	6. 6X11X6. 5	20	20	-9	2490	5490	LMK30LUU
64	10	67	6. 6X11X6. 5	25	25	-13	2650	6270	LMK35LUU
75	13	78	9X14X8. 6	25	25	-13	3430	8040	LMK40LUU
92	13	98	9X14X8. 6	25	25	-13	6080	15900	LMK50LUU
106	18	112	11X17. 5X10. 8	25	25	-13	7650	20000	LMK60LUU

LMH...UU/LMSH...UU



LMH

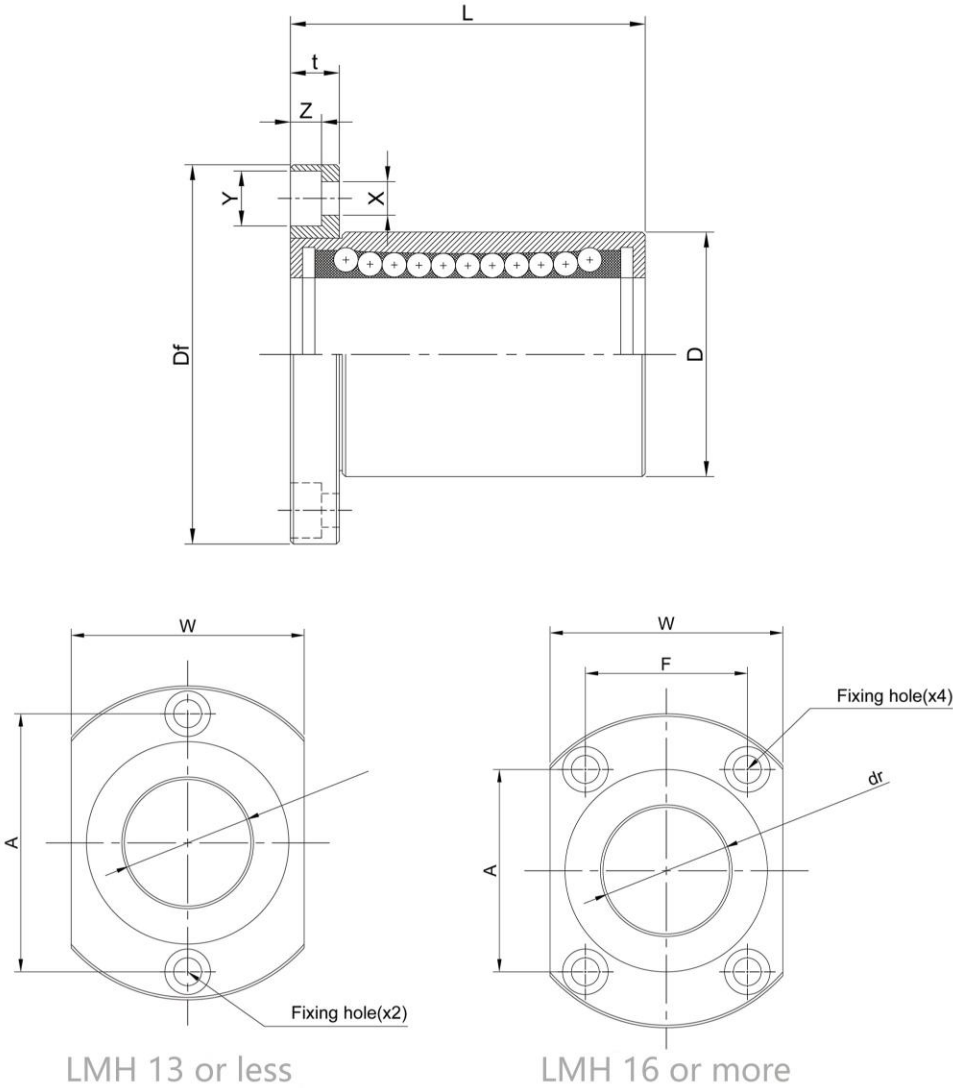


LMSH

This type is a metric dimension series widely used in Japan and other countries.

Nominal Shaft Diameter (mm)	Model No.		Weight (g)	Major Dimensions and Tolerance						
	Bearing Steel Type	Stainless Steel Type		dr		D		Df	L	
	LMH...UU	LMSH...UU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	Tolerance (μm)
6	LMH6-UU	LMSH6-UU	21	6	0-9	12	0-13	28	19	±300
8	LMH8-UU	LMSH8-UU	33	8	0-9	15	0-13	32	24	±300
10	LMH10-UU	LMSH10-UU	64	10	0-9	19	0-16	40	29	±300
12	LMH12-UU	LMSH12-UU	68	12	0-9	21	0-16	42	30	±300
13	LMH13-UU	LMSH13-UU	81	13	0-9	23	0-16	43	32	±300
16	LMH16-UU	LMSH16-UU	112	16	0-9	28	0-16	48	37	±300
20	LMH20-UU	LMSH20-UU	167	20	0-10	32	0-19	54	42	±300
25	LMH25-UU	LMSH25-UU	325	25	0-10	40	0-19	62	59	±300
30	LMH30-UU	LMSH30-UU	388	30	0-10	45	0-19	74	64	±300

Note: All sizes of LMH (LMSH) type are sealed on both sides.



Model No.		Major Dimensions and Tolerance							Eccentricity (μm)	Squarness (μm)	Basic Load Rating		Nominal Shaft Diameter (mm)
Bearing Steel Type	Stainless Steel	Flange									Dynamic (CN)	Static (GoN)	
LMH...UU	LMSH...UU	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm					
LMH6-UU	LMSH6-UU	18	5	20	–	3.5	6	3.1	12	12	206	265	6
LMH8-UU	LMSH8-UU	21	5	24	–	3.5	6	3.1	12	12	274	392	8
LMH10-UU	LMSH10-UU	25	6	29	–	4.5	7.5	4.1	12	12	372	549	10
LMH12-UU	LMSH12-UU	27	6	32	–	4.5	7.5	4.1	12	12	510	784	12
LMH13-UU	LMSH13-UU	29	6	33	–	4.5	7.5	4.1	12	12	510	784	13
LMH16-UU	LMSH16-UU	34	6	31	22	4.5	7.5	4.1	12	12	774	1180	16
LMH20-UU	LMSH20-UU	38	8	36	24	5.5	9	5.1	15	15	882	1370	20
LMH25-UU	LMSH25-UU	46	8	40	32	5.5	9	5.1	15	15	980	1570	25
LMH30-UU	LMSH30-UU	51	10	49	35	6.6	11	6.1	15	15	1570	2740	30

LMH...LUU/LMSH...LUU



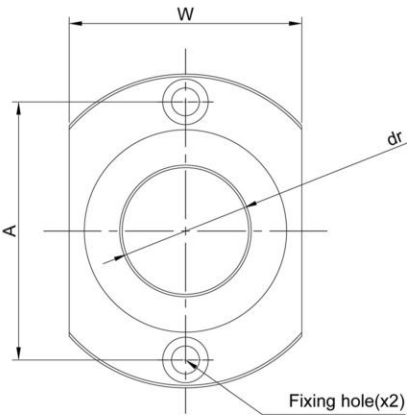
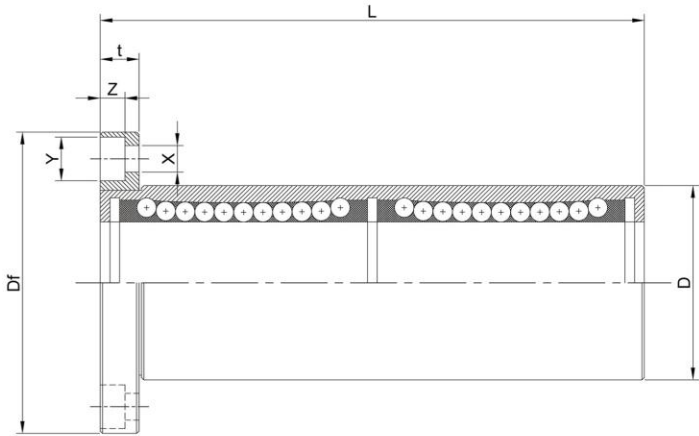
LMH-L



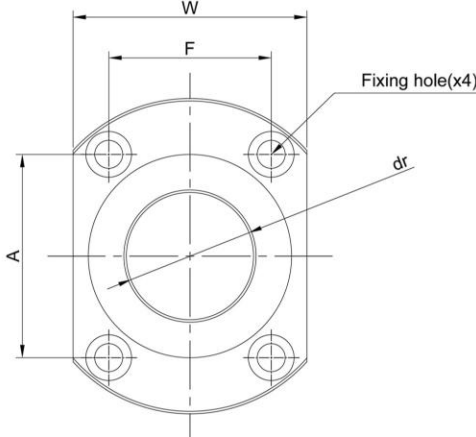
LMSH-L

Nominal Shaft Diameter (mm)	Model No.		Weight (g)	Major Dimensions and Tolerance						
	Bearing Steel Type	Stainless Steel Type		dr		D		Df	L	
	LMH...LUU	LMSH...LUU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	Tolerance (μm)
6	LMH6L-LUU	LMSH6L-LUU	28	6	0-10	12	0-13	28	35	±300
8	LMH8L-LUU	LMSH8L-LUU	47	8	0-10	15	0-13	32	45	±300
10	LMH10L-LUU	LMSH10L-LUU	90	10	0-10	19	0-16	40	55	±300
12	LMH12L-LUU	LMSH12L-LUU	102	12	0-10	21	0-16	42	57	±300
13	LMH13L-LUU	LMSH13L-LUU	123	13	0-10	23	0-16	43	61	±300
16	LMH16L-LUU	LMSH16L-LUU	182	16	0-10	28	0-16	48	70	±300
20	LMH20L-LUU	LMSH20L-LUU	247	20	0-12	32	0-19	54	80	±300
25	LMH25L-LUU	LMSH25L-LUU	525	25	0-12	40	0-19	62	112	±300
30	LMH30L-LUU	LMSH30L-LUU	645	30	0-12	45	0-19	74	125	±300

Note: All sizes of LMH type are sealed on both sides.



LMH 13 or less

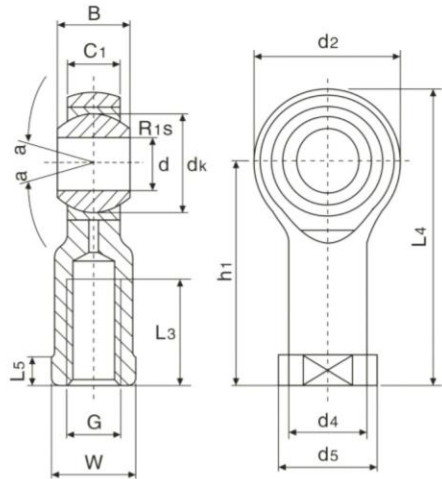


LMH 16 or more

Model No.		Major Dimensions and Tolerance							Eccentricity (μm)	Squareness (μm)	Basic Load Rating		Nominal Shaft Diameter (mm)
Bearing Steel Type	Stainless Steel Type	Flange									Dynamic (CN)	Static (CoN)	
LMH. . . LUU	LMSH. . . UU	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm					
LMH6L-UU	LMSH6L-UU	18	5	20	—	3.5	6	3.1	15	15	323	529	6
LMH8L-UU	LMSH8L-UU	21	5	24	—	3.5	6	3.1	15	15	431	784	8
LMH10L-UU	LMSH10L-UU	25	6	29	—	4.5	7.5	4.1	15	15	588	1100	10
LMH12L-UU	LMSH12L-UU	27	6	32	—	4.5	7.5	4.1	15	15	813	1570	12
LMH13L-UU	LMSH13L-UU	29	6	33	—	4.5	7.5	4.1	15	15	813	1570	13
LMH16L-UU	LMSH16L-UU	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350	16
LMH20L-UU	LMSH20L-UU	38	8	36	24	5.5	9	5.1	20	20	1400	2740	20
LMH25L-UU	LMSH25L-UU	46	8	40	32	5.5	9	5.1	20	20	1560	3140	25
LMH30L-UU	LMSH30L-UU	51	10	49	35	6.6	11	6.1	20	20	2490	5490	30



Rod End Bearing
Maintenance-Free Type Rod Ends
SI...T/K



Model No.	Dimensions (mm)															Load Ratings		Weight (kg)
	d	B	dk	C1 _{max}	d2 _{max}	G _{max}	h1	L3 _{min}	L4 _{max}	L5	W	d4	d5	R1s _{min}	a°	Dyn. C	Stat. Co	
SI 5T/K	5	8	11.11	6	18	M5x0.8	27	10	36	4	9	8.5	11	0.3	13	5.7	6	0.016
SI 6T/K	6	9	12.70	6.75	20	M6x1.0	30	12	40	5	11	10	13	0.3	13	7.2	7.65	0.022
SI 8T/K	8	12	15.875	9	24	M8x1.25	36	16	48	5	14	12.5	16	0.3	14	11.6	12.9	0.047
SI 10T/K	10	14	19.05	10.5	28	M10x1.5	43	20	57	6.5	17	15	19	0.3	13	14.5	18	0.077
SI 10-1T/K	10	14	19.05	10.5	28	M10x1.25	43	20	57	6.5	17	15	19	0.3	13	14.5	18	0.077
SI 12T/K	12	16	22.225	12	32	M12x1.75	50	22	66	6.5	19	17.5	22	0.3	13	17.0	24	0.100
SI 12-1T/K	12	16	22.225	12	32	M12x1.25	50	22	66	6.5	19	17.5	22	0.3	13	17.0	24	0.100
SI 14T/K	14	19	25.40	13.5	36	M14x2.0	57	25	75	8	22	20	25	0.3	16	24.0	31	0.160
SI 14-1T/K	14	19	25.40	13.5	36	M14xL5	57	25	75	8	22	20	25	0.3	16	24.0	31	0.160
SI 16T/K	16	21	28.575	15	42	M16x2.0	64	28	85	8	22	22	27	0.3	15	28.5	39	0.220
SI 16-1T/K	16	21	28.575	15	42	M16x1.5	64	28	85	8	22	22	27	0.3	15	28.5	39	0.220
SI 18T/K	18	23	31.75	16.5	44	M18x1.5	71	32	93	10	27	25	31	0.3	15	42.5	47.5	0.320
SI 20T/K	20	25	34.925	18	50	M20x1.5	77	33	102	10	30	27.5	34	0.3	14	42.5	57	0.420
SI 22T/K	22	28	38.1	20	54	M22x1.5	84	37	111	12	32	30	38	0.3	15	57.0	68	0.540
SI 25T/K	25	31	42.85	22	60	M24x2.0	94	42	124	12	36	33.5	42	0.3	15	68.0	85	0.720
SI 28T/K	28	35	47.6	24	66	M27x2.0	103	51	136	14	41	37	46	0.3	15	86.0	107	0.820
SI 30T/K	30	37	50.8	25	70	M30x2.0	110	51	145	15	41	40	50	0.3	17	88.0	114	1100
SI 30-1T/K	30	37	50.8	25	70	M27x2.0	110	51	145	15	41	40	50	0.3	17	88.0	114	1100
SI 35T/K	35	43	57.1	28	81	M36x3.0	125	56	165.5	17	50	46	58	0.3	16	101	206	1600
SI 40T/K	40	49	66.6	33	91	M42x2.0	142	60	187.5	19	55	53	65	0.3	17	124	280	2400
SI 50T/K	50	60	82.5	45	117	M48x2.0	160	65	218.5	23	65	65	75	0.3	12	308	485	5000

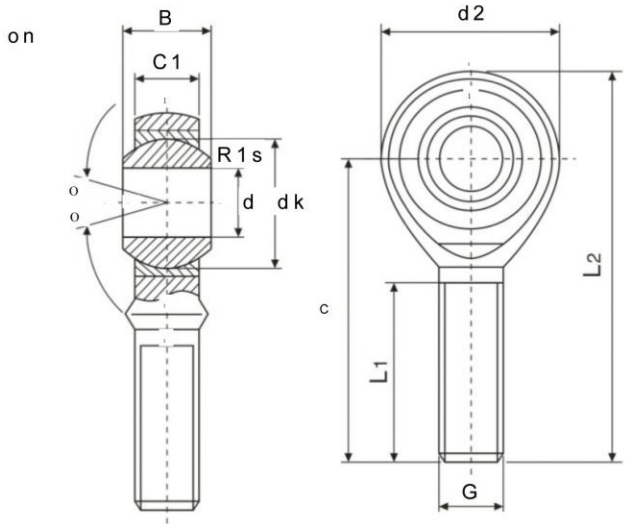
-Dimensions in mm.

-For left-hand thread, suffix "L" is added to bearing number and thread sign, e.g. SIL 20T/K.

-Sliding contact surfaces: Steel/PTFE composite material.

-Design and application features: Rod end of steel and zinc coated, with male or female thread; outer ring of bronze, with sliding surface of PTFE composite material, maintenance-free; inner ring of carbon chromium steel, spherical surface with chromium plating. It has characteristics of large load capability, easy mounting and dismounting and mechanism simplification.

SA...T/K



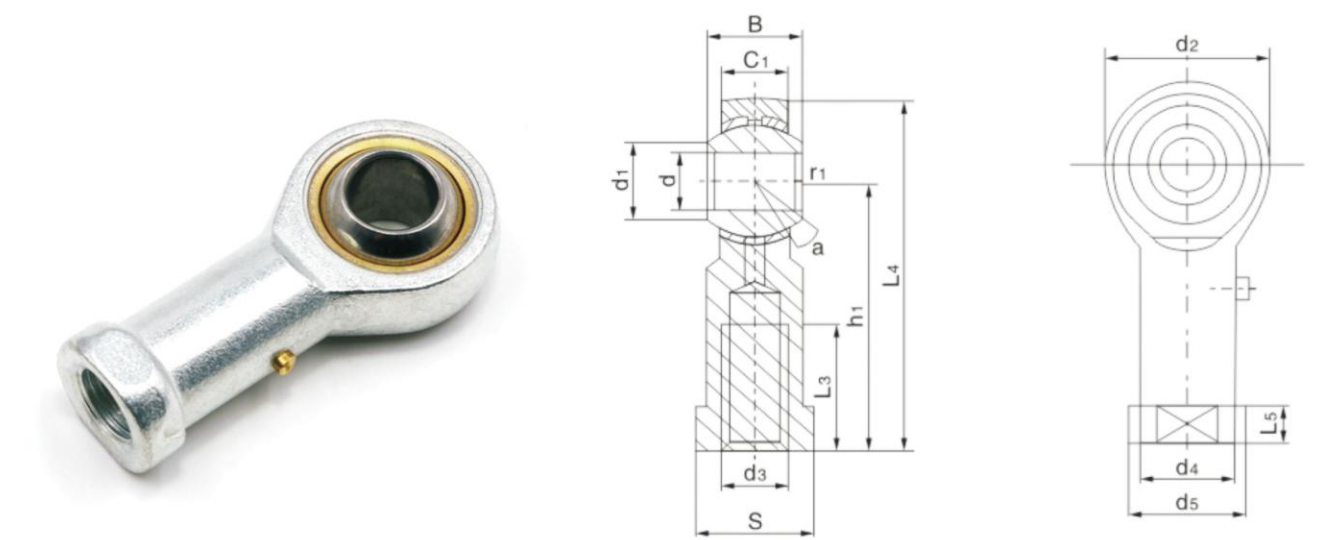
Model No.	Dimensions (mm)											Load Ratings		Weight ≈kg
	d	B	dk	C1 max	d2 max	G 6H	h	L1 min	L2 max	R1s min	a° ≈	Dynamic	Static	
SA5T/K	5	8	11.11	6	18	M5x0.8	33	19	42	0.3	13	5.7	6.00	0.013
SA6T/K	6	9	12.70	6.75	20	M6x1.0	36	21	46	0.3	13	7.2	7.65	0.02
SA8T/K	8	12	15.875	9	24	M8x1.25	42	25	54	0.3	14	11.6	12.9	0.038
SA10T/K	10	14	19.05	10.5	28	M10x1.5	48	28	62	0.3	13	14.5	18.0	0.055
SA12T/K	12	16	22.225	12	32	M12x1.75	54	32	70	0.3	13	17.0	24.0	0.85
SA14T/K	14	19	25.40	13.5	36	M14x2.0	60	36	78	0.3	16	24.0	31.0	0.14
SA16T/K	16	21	28.575	15	40	M16x2.0	66	37	87	0.3	15	28.5	39.0	0.21
SA18T/K	18	23	31.75	16.5	44	M18x1.5	72	41	94	0.3	15	42.5	47.5	0.29
SA20T/K	20	25	34.925	18	50	M20x1.5	78	45	103	0.3	14	42.5	57.0	0.38
SA22T/K	22	28	38.10	20	54	M22x1.5	84	48	111	0.3	15	57.0	68.0	0.48
SA25T/K	25	31	42.85	22	60	M24x2	94	55	124	0.3	15	68.0	85.0	0.64
SA28T/K	28	35	47.60	24	66	M27x2	103	62	136	0.3	15	86.0	107.0	0.8
SA30T/K	30	37	50.80	25	70	M30x2	110	66	145	0.3	17	88.0	114.0	1.1
SA35T/K	35	43	57.10	28	81	M36x3	140	85	180.5	0.3	16	101	206	1.64
SA40T/K	40	49	66.60	33	91	M42x2	150	90	195.5	0.3	17	124	280	2.3
SA50T/K	50	60	82.50	45	117	M48x2	185	105	243.5	0.3	12	308	485	4.8

- Dimensions in mm.

-For left-hand thread, suffix "L" is added to bearing number and thread sign, e.g. SAL20T/K.

-Design and application features: Rod end of steel and zinc coated, with male or female thread; outer ring of bronze, with sliding surface of PTFE composite material, maintenance-free; inner ring of carbon chromium steel, spherical surface with chromium plating. It has characteristics of large load capability, easy mounting and dismounting and mechanism simplification.

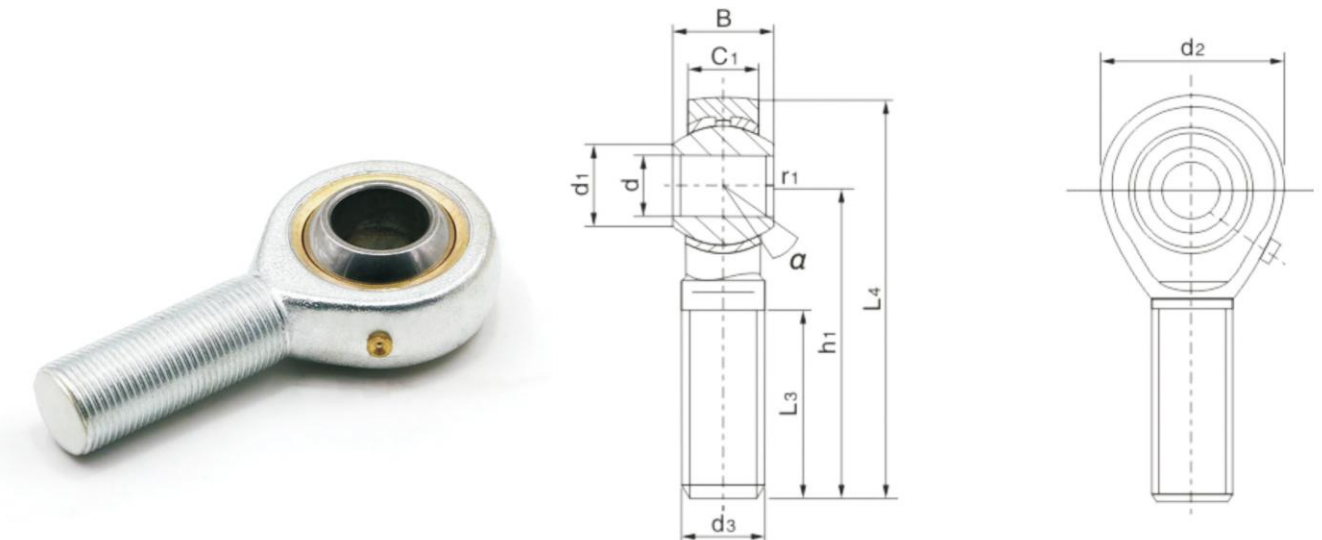
Lubrication Type Rod Ends PHS



Model No.	Dimensions (mm)											Load Ratings		a°	Weight (kg)
	C1	d	B	d2 max	d3	H1	L3 min	L4 max	L5 max	d5 max	S	Dynamic	Static		
PHS5	6	5	8	16	M5X0.8	27	14	35	4	11	9	3.3	4.1	13	0.016
PHS6	6.75	6	9	18	M6X1	30	14	39	5	13	11	4.3	5.3	13	0.026
PHS8	9	8	12	22	M8X1.25	36	17	47	5	16	14	6.8	8.5	14	0.044
PHS10	10.5	10	14	26	M10X1.5	43	21	56	6.5	19	17	10	11	14	0.072
PHS12	12	12	16	30	M12X1.75	50	24	65	6.5	22	19	13	14	13	0.108
PHS14	13.5	14	19	34	M14X2	57	27	74	8	25	22	17	20	16	0.161
PHS16	15	16	21	38	M16X2	64	33	83	8	27	22	21	25	15	0.225
PHS18	16.5	18	23	42	M18X1.5	71	36	92	10	31	27	26	30	15	0.295
PHS20	18	20	25	46	M20X1.5	77	40	100	10	34	30	31	35	15	0.382
PHS22	20	22	28	50	M22X1.5	84	43	109	12	37	32	38	43	15	0.488
PHS25	22	25	31	60	M24X2	94	48	124	12	42	36	47	65	15	0.749
PHS28	25	28	35	66	M27X2	103	53	136	12	46	41	59	77	15	0.949
PHS30	25	30	37	70	M30X2	110	56	145	15	50	41	63	86	17	1.13

- 1.For Left-hand thread suffix "L" is added to bearings number and thread sign,e.g. PHS8 M8L-6H
- 2.The surface of spherical plain with a bronze line
- 3.To plate zine on the surface of rod body,the housing with a lubrication hole ora grease nipple

POS



Model No.	Dimensions (mm)										Load Ratings		a °	Weight (kg)
	d	B	r1	C1	d1	d2	d3	h1	L3	L4	Dynamic	Static		
POS5	5	8	0.3	6	7.7	16	M5X0.8	33	20	41	3.3	3.9	13	0.016
POS6	6	9	0.3	6.75	9	18	M6X1	36	22	45	4.3	5.3	13	0.026
POS8	8	12	0.3	9	10.4	22	M8X1.25	42	25	53	6.8	8.5	14	0.044
POS10	10	14	0.6	10.5	12.9	26	M10X1.5	48	29	61	10	11	14	0.072
POS12	12	16	0.6	12	15.4	30	M12X1.75	54	33	69	13	14	13	0.108
POS14	14	19	0.6	13.5	16.9	34	M14X2	60	36	77	17	20	16	0.161
POS16	16	21	0.6	15	19.4	38	M16X2	66	40	85	21	25	15	0.225
POS18	18	23	0.6	16.5	21.9	42	M18X1.5	72	44	93	26	30	15	0.295
POS20	20	25	0.6	18	24.4	46	M20X1.5	78	47	101	31	35	15	0.382
POS22	22	28	0.6	20	25.8	50	M22X1.5	84	51	109	38	43	15	0.488
POS25	25	31	0.6	22	29.6	60	M24X2	94	57	124	47	65	15	0.749
POS28	28	35	0.6	25	32.3	66	M27X2	103	62	136	59	77	15	0.949
POS30	30	37	0.6	25	34.8	70	M30X2	110	66	145	63	86	17	1.13

- 1.For Left-hand thread suffix "L" is added to bearings number and thread sign,e.g. POS8M8L-6H
- 2.The surface of spherical plain with a bronze line
- 3.To plate zine on the surface of rod body,the housing with a lubrication hole or a grease nipple