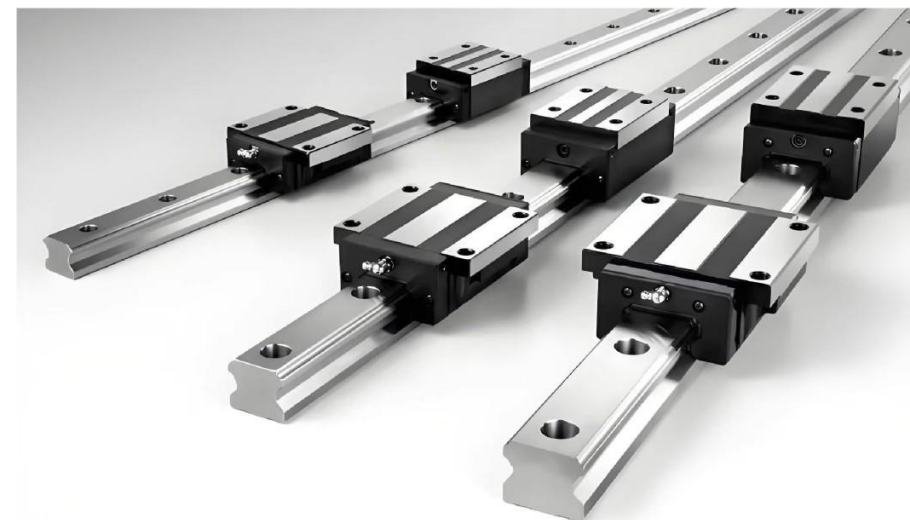




直线导轨 Linear Guideway

技术手册 Technical Information



Whatsapp



Wechat

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Company introduction

We are a professional manufacturer specializing in linear guide sliders, ball screws, and Transmission accessories. Our company is located in Anhui Province. With a facility area of 20,000 square meters and a workforce of over 400 employees, we achieve an annual production capacity of 12 million sets. We are committed to providing linear guide sliders, ball screws, and bearing solutions, along with comprehensive supporting services, to enterprises in the automation sector both domestically and internationally. Our products are widely used in various CNC machine tools, robotics, medical devices, sports equipment, woodworking machinery, packaging machinery, food processing machinery, printing machinery, textile machinery, light industrial machinery, and automated equipment systems.

■ Company mission

Over the years, our company has been committed to resource integration and cost optimization, striving to deliver products that end-users can trust with confidence. We are dedicated to providing distributors at all levels with profitable, competitive, and cost-effective high-quality products.

■ 9[XOM]RW

■ 9[NLR]RW

■ 9[NOL]RW

Our Advantages precision bearing

(1) Highly Industrialized Production

We operate three large production bases integrating R&D, manufacturing, quality inspection, and logistics. Covering an area of 20,000 square meters, our facilities have an annual production capacity of 12 million sets. With a team of over 400 skilled technicians and offices across China, our workshops are equipped with hundreds of advanced machines including CNC machining centers, CNC machine tools, lathes, and more. We possess a complete in-house technology chain for independent R&D and testing, making us one of the few enterprises in China with a fully automated industrial system for bearing equipment.

(2) Reliable Product Quality and Precision

Through meticulous design and advanced manufacturing processes, combined with over a decade of in-house technical expertise, we have achieved production-level nanometer positioning accuracy. Even during micro-feed operations, our products exhibit no idle rotation or slippage. Such high precision not only meets the demands of precision machining and measurement equipment but also enhances overall device performance and reliability, extending product service life.

(3) Low Friction Resistance with Excellent Lubrication Performance

Our linear guides feature minimal rolling friction and an efficient, simple lubrication structure, enabling them to maintain motion accuracy over extended periods while reducing wear and temperature rise caused by friction. The friction coefficient is as low as 1/50 that of traditional sliding guides, and the difference between dynamic and static friction is minimal. Thanks to the linear design of the guide rails, our products offer superior lubrication performance and ease of maintenance.

(4) Easy Assembly with Full Interchangeability

Our products are designed and manufactured under strict interchangeability standards, ensuring straightforward assembly and seamless part replacement. Customers can order complete guide rail assemblies or purchase rails and sliders separately based on their needs. This interchangeability not only enhances equipment flexibility and scalability but also reduces procurement costs and simplifies inventory management for our clients.

Workshop



NGS Factory



CNC Workshop



Mold Workshop



Raceway Grinding Workshop



Assembly Workshop



Quality Inspection



Cleaning Workshop



Warehouse



LINEAR GUIDE RAIL AND BLOCK

HIWIN SIZE

Linear guides are used in high-precision or high-speed linear reciprocating motion applications and can withstand a certain degree of torque, enabling high-precision linear motion even under heavy loads.

Product Series



HG-series

Heavy-duty ball guide rails are suitable for machining centers, tool machining, punch presses, precision machining equipment, automated devices, heavy-duty cutting machine tools, transportation equipment, marble cutting machines, grinding machines, and more.



EG-series

Low-profile ball guide rails are suitable for compact equipment with space constraints, such as automated devices, high-speed transport systems, precision measuring instruments, and semiconductor manufacturing equipment.



MG-series

Micro/miniature linear guides are particularly suited for compact and miniaturized equipment. They feature lightweight construction and utilize a Gothic arc four-point contact design, delivering high rigidity and precision in a small form factor.



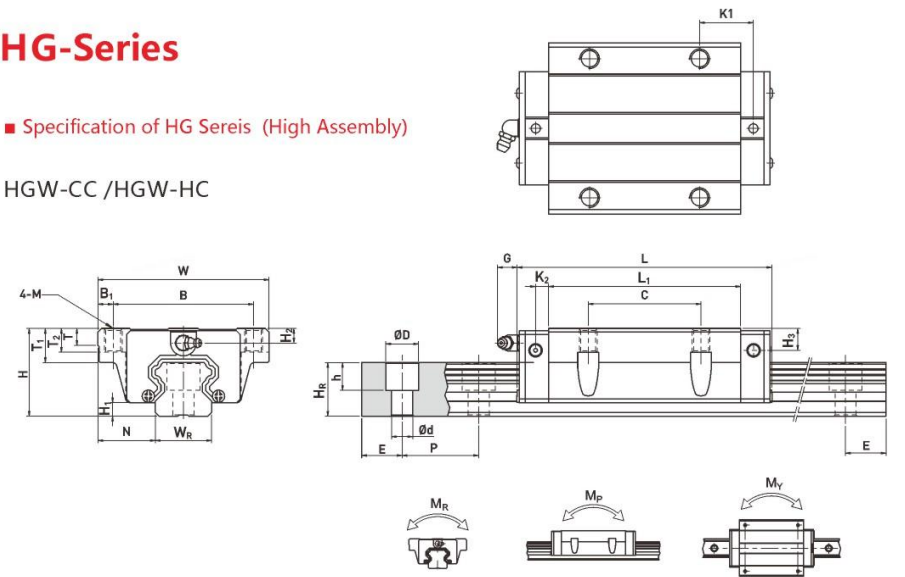
RG-series

Roller-type linear guides are suitable for automation equipment, heavy-duty handling systems, CNC machining centers/grinding machines, heavy-cutting machinery, large gantry machine tools, and other high-rigidity, high-load industrial machinery.

HG-Series

■ Specification of HG Series (High Assembly)

HGW-CC /HGW-HC



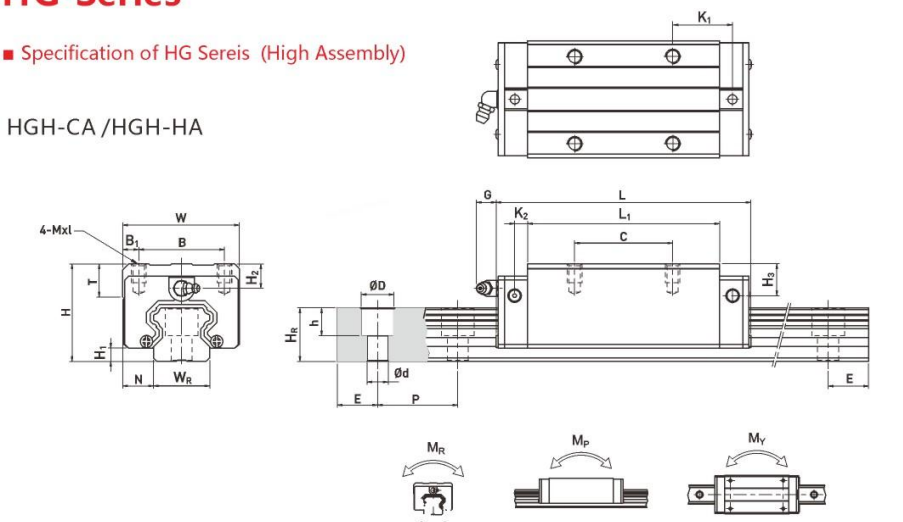
型号 model	组件尺寸 (mm) dimension							滑块尺寸 (mm) block dimension										导轨尺寸 (mm) rail dimension										导轨的 固定螺 栓尺寸 bolt	基本 动额 定负荷 load	基本 静额 定负荷 load	容许静力矩 allowable static moment			重量 weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	T ₂	H ₂	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	M _R kN·m	M _P kN·m	M _Y kN·m	滑块 kg	导轨 kg/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	35.9	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																																			
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																																			
HGW35CC	48	7.5	33	100	82	9	62	93	120.4	25.75	7	12	M10	10.1	18	13	9	12.6	34	29	14	12	9	80	20	M8x25	47.27	69.16	0.88	0.92	0.92	1.44	6.30		
HGW35HC																																			
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																																			
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																																			
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																																			

注：1 kgf = 9.81 N

HG-Series

■ Specification of HG Series (High Assembly)

HGH-CA /HGH-HA

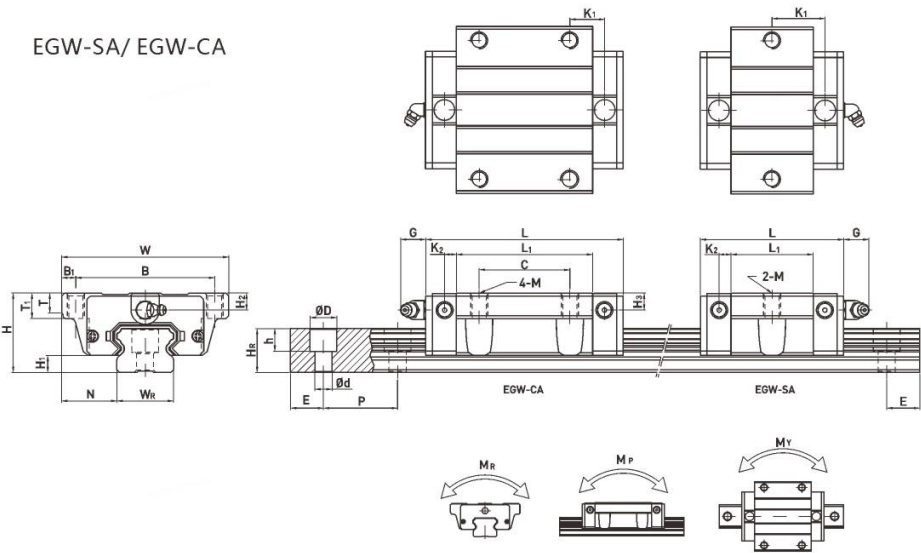


型号 model	组件尺寸 dimension				滑块尺寸 (mm) block dimension										导轨尺寸 (mm) rail dimension										导轨 的固定螺 栓尺寸 bolt	基本 动额 定负荷 load	基本 静额 定负荷 load	容许静力矩 allowable static moment			重量 weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	Mx1	T	H ₂	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	M _k	M _p	M _y	滑块	导轨		
HGH 15CA	28	4.3	9.5	34	26	4	26	39.4	61.4	10	4.85	5.3	M4x5	6	7.95	7.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	16.97	0.12	0.10	0.10	0.18	1.45	
HGH 20CA	30	4.6	12	44	32	6	36	50.5	77.5	12.25	6	12	M5x6	8	6	6	20	17.5	9.5	8.5	6	60	20	M5x16	17.75	27.76	0.27	0.20	0.20	0.30	2.21	
HGH 20HA							50	65.2	92.2	12.6															50	65.2	92.2	12.6	50	65.2		92.2
HGH 25CA	40	5.5	12.5	48	35	6.5	35	58	84	15.7	6	12	M6x8	8	10	9	23	22	11	9	7	60	20	M6x20	26.48	36.49	0.42	0.33	0.33	0.51	3.21	
HGH 25HA							50	78.6	104.6	18.5															50	78.6	104.6	18.5	50	78.6		104.6
HGH 30CA	45	6	16	60	40	10	40	70	97.4	20.25	6	12	M8x10	8.5	9.5	13.8	28	26	14	12	9	80	20	M8x25	38.74	52.19	0.66	0.53	0.53	0.88	4.47	
HGH 30HA							60	93	120.4	21.75															60	93	120.4	21.75	60	93		120.4
HGH 35CA	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	M8x25	47.27	69.16	0.88	0.92	0.92	1.16	6.30	
HGH 35HA							72	105.8	138.2	22.5															72	105.8	138.2	22.5	72	105.8		138.2
HGH 45CA	70	9.5	20.5	86	60	13	60	97	139.4	23	10	12.9	M10x17	16	18.5	30.5	45	38	20	17	14	105	22.5	M12x35	77.57	102.71	1.98	1.55	1.55	2.73	10.41	
HGH 45HA							80	128.8	171.2	28.9															80	128.8	171.2	28.9	80	128.8		171.2
HGH 55CA	80	13	23.5	100	75	12.5	75	117.7	166.7	27.35	11	12.9	M12x18	17.5	22	29	53	44	23	20	16	120	30	M14x45	114.44	148.33	3.69	2.64	2.64	4.17	15.08	
HGH 55HA							95	155.8	204.8	36.4															95	155.8	204.8	36.4	95	155.8		204.8
HGH 65CA	90	15	31.5	126	76	25	90	144.2	200.2	43.1	14	12.9	M16x20	25	15	63	53	26	22	18	150	35	M16x50	163.63	215.33	6.65	4.27	4.27	7.00	21.18		
HGH 65HA							120	203.6	259.6	47.8														120	203.6	259.6	47.8	120	203.6		259.6	47.8

注：1 kgf = 9.81 N

EG-Series

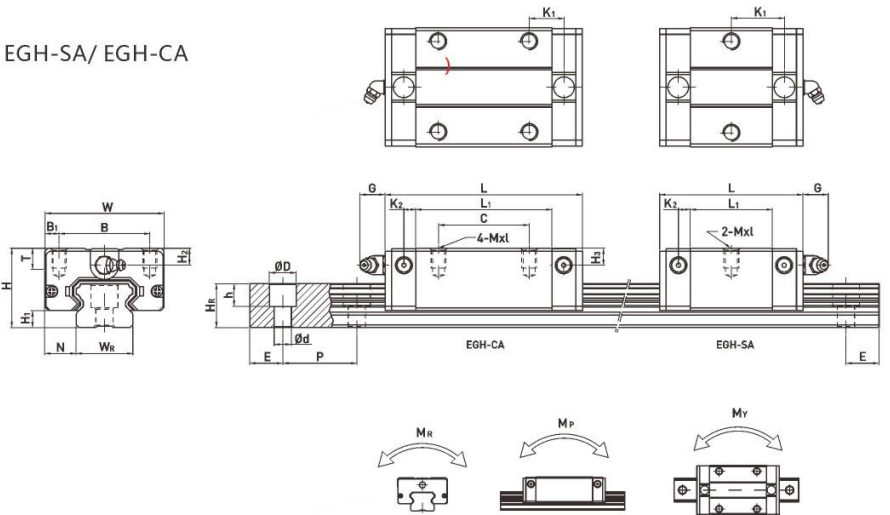
■ Specification of EG Sereis (Low Assembly)



型号 model	组件尺寸 (mm) dimension		滑块尺寸 (mm) block dimension																导轨尺寸 (mm) rail dimension										导轨的 固定螺 栓尺寸 blot	基本 动额 定负荷 load	基本 静额 定负荷 load	容许静力矩 allowable static moment					重量 weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _n	H _n	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	kN/m	kN-m	kN·m	滑块	导轨						
																																kg	kg/m					
EGW 15SA	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						
EGW 15CA							26	39.8	56.8	10.15																												
EGW 20SA	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						
EGW 20CA							32	48.1	69.1	12.3																												
EGW 25SA	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						
EGW 25CA							35	59	82.6	16.15																												
EGW 30SA	42	10	31	90	72	9	-	41.5	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						
EGW 30CA							40	70.1	98.1	21.05																												

EG-Series

■ Specification of EG Sereis (Low Assembly)

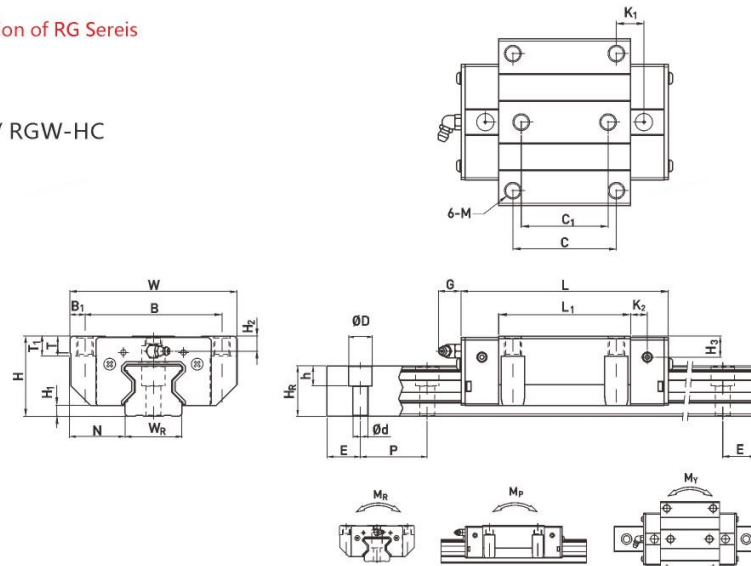


型号 model	组件尺寸 (mm) dimension		滑块尺寸 (mm) block dimension																导轨尺寸 (mm) rail dimension												导轨的 固定螺 栓尺寸 blot	基本 动额 定负荷 load	基本 静额 定负荷 load	容许静力矩 allowable static moment			重量 weight	
			H	H ₁	N	W	B	B ₁	C	L	L ₁	K	K ₁	K ₂	G	MxL	T	H ₂	H ₃	W _n	H _n	D	h	d	P	E	(mm)	C (kN)	C ₀ (kN)	kN·m				kN·m	kN·m	滑块	导轨	
	kg	kg/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																												

RG-Series

■ Specification of RG Sereis

RGW-CC/ RGW-HC



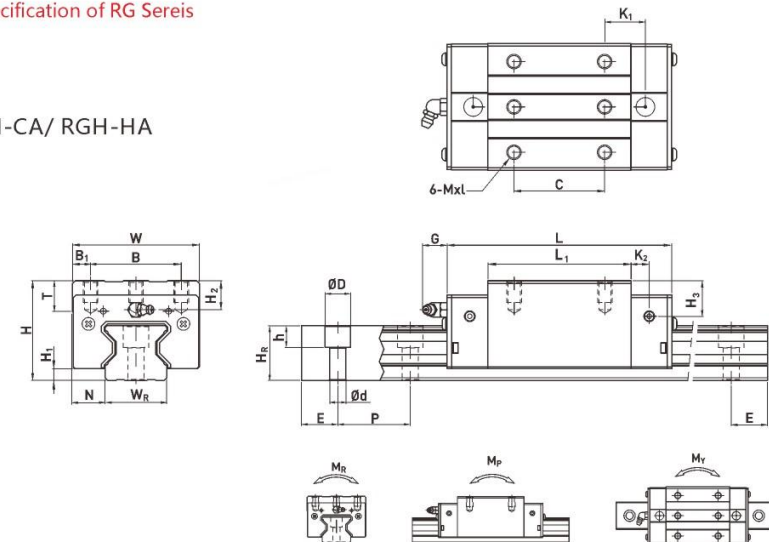
型号 model	组件尺寸 (mm) dimension				滑块尺寸 (mm) block dimension										导轨尺寸(mm) rail dimension										导轨的 固定螺 栓尺寸 bolt		基本 静额 定负荷 load	基本 动额 定负荷 load	容许静力矩 allowable static moment			重量 weight	
	H	H ₁	N	W	B	B ₁	C	C ₁	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _h	H ₂	D	h	d	P	E	(mm)	C(kN)	C ₁ (kN)	kN·m	kN·m	kN·m	kg	kg/m
RGW15CC	24	4	16	47	38	4.5	30	26	45	68	11.4	4.7	5.3	M5	6	6.95	3.6	6.1	15	16.5	7.5	5.7	4.5	30	20	M4x16	11.3	24	0.311	0.173	0.173	0.22	1.8
RGW20CC	30	5	21.5	63	53	5	40	35	57.5	86	13.8	6	5.3	M6	8	10	4.3	4.3	20	21	9.5	8.5	6	30	20	M5x20	21.3	46.7	0.647	0.46	0.46	0.47	2.76
RGW20HC									77.5	106	23.8																64.5	97.9	15.75	7.25	12	M8	
RGW25CC	36	5.5	23.5	70	57	6.5	45	40	64.5	97.9	15.75	7.25	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	0.72	3.08
RGW25HC									81	114.4	24																33.9	73.4	0.975	0.991	0.991	0.91	
RGW30CC	42	6	31	90	72	9	52	44	71	109.8	17.5	8	12	M10	9.5	10	6.5	7.3	28	28	14	12	9	40	20	M8x25	39.1	82.1	1.445	1.06	1.06	1.16	4.41
RGW30HC									93	131.8	28.5																48.1	105	1.846	1.712	1.712	1.52	
RGW35CC	48	6.5	33	100	82	9	62	52	79	124	16.5	10	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	1.75	6.06
RGW35HC									106.5	151.5	30.25																73.1	142	2.93	2.6	2.6	2.40	
RGW45CC	60	8	37.5	120	100	10	80	60	106	153.2	21	10	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	3.43	9.97
RGW45HC									139.8	187	37.9																116	230.9	6.33	5.47	5.47	4.57	
RGW55CC	70	10	43.5	140	116	12	95	70	125.5	183.7	27.75	12.5	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	5.43	13.98
RGW55HC									173.8	232	40.8																167.8	348	11.15	10.25	10.25	7.61	
RGW 65CC	90	12	53.5	170	142	14	110	82	160	232	51.9	15.8	12.9	M16	22	23	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	11.63	20.22
RGW 65HC									223	295	72.3																275.3	572.7	22.55	22.17	22.17	16.58	

注：1. 1 kgf = 9.81 N

RG-Series

■ Specification of RG Sereis

RGH-CA/ RGH-HA



型号 model	组件尺寸 (mm) dimension										滑块尺寸 (mm) block dimension										导轨尺寸 (mm) rail dimension										导轨的 固定螺 栓尺寸 bolt		基本 静额 定负荷 load	基本 动额 定负荷 load	容许静力矩 allowable static moment			重量 weight	
																																			M _x	M _y	M _z	滑块	导轨
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	MxL	T	H ₂	H ₃	W ₆	H ₈	D	h	d	P	E	(mm)	C(kN)	C ₁ (kN)	C ₁ (kN)	kN·m	kN·m	kN·m	kg	kg/m							
RGH 15CA	28	4	9.5	34	26	4	26	45	68	13.4	4.7	5.3	M4 x 8	6	7.6	10.1	15	16.5	7.5	5.7	4.5	30	20	M4 x16	11.3	24	0.311	0.173	0.173	0.20	1.8								
RGH 20CA	34	5	12	44	32	6	36	57.5	86	15.8	6	5.3	M5 x 8	8	8.3	8.3	20	21	9.5	8.5	6	30	20	M5 x20	21.3	46.7	0.647	0.46	0.46	0.40		2.76							
RGH 20HA							50	77.5	106	18.8																26.9	63	0.872	0.837	0.837	0.53								
RGH 25CA	40	5.5	12.5	48	35	6.5	35	64.5	97.9	20.75	7.25	12	M6 x 8	9.5	10.2	10	23	23.6	11	9	7	30	20	M6 x20	27.7	57.1	0.758	0.605	0.605	0.61		3.08							
RGH 25HA							50	81	114.4	21.5																33.9	73.4	0.975	0.991	0.991	0.75								
RGH 30CA	45	6	16	60	40	10	40	71	109.8	23.5	8	12	M8 x10	9.5	9.5	10.3	28	28	14	12	9	40	20	M8 x25	39.1	82.1	1.445	1.06	1.06	0.90		4.41							
RGH 30HA							60	93	131.8	24.5																48.1	105	1.846	1.712	1.712	1.16								
RGH 35CA	55	6.5	18	70	50	10	50	79	124	22.5	10	12	M8 x12	12	16	19.6	34	30.2	14	12	9	40	20	M8 x25	57.9	105.2	2.17	1.44	1.44	1.57		6.06							
RGH 35HA							72	106.5	151.5	25.25																73.1	142	2.93	2.6	2.6	2.06								
RGH 45CA	70	8	20.5	86	60	13	60	106	153.2	31	10	12.9	M10x17	16	20	24	45	38	20	17	14	52.5	22.5	M12 x35	92.6	178.8	4.52	3.05	3.05	3.18		9.97							
RGH 45HA							80	139.8	187	37.9																116	230.9	6.33	5.47	5.47	4.13								
RGH 55CA	80	10	23.5	100	75	12.5	75	125.5	183.7	37.75	12.5	12.9	M12x18	17.5	22	27.5	53	44	23	20	16	60	30	M14 x45	130.5	252	8.01	5.4	5.4	4.89		13.98							
RGH 55HA							95	173.8	232	51.9																167.8	348	11.15	10.25	10.25	6.68								
RGH 65CA	90	12	31.5	126	76	25	90	160	232	60.8	15.8	12.9	M16 x20	25	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	8.89		20.22							
RGH 65HA							120	223	295	67.3																275.3	572.7	22.55	22.17	22.17	12.13								

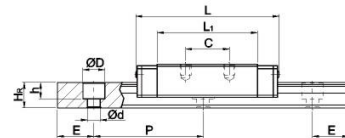
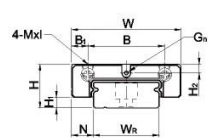
注：1. 1 kgf = 9.81 N

MG-Series

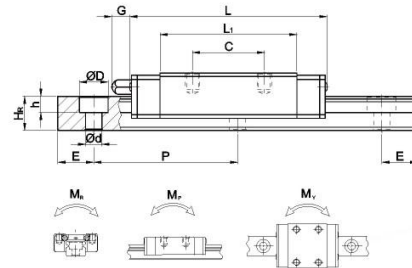
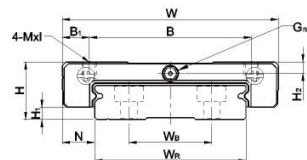
■ Specification of MG Sereis

MGW-C / MGW-H

MGW7, MGW9, MGW12



MGW15

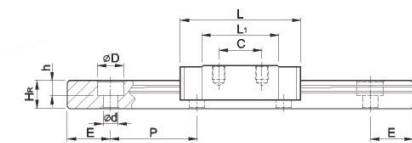
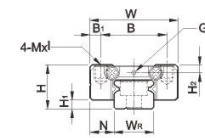


MG-Series

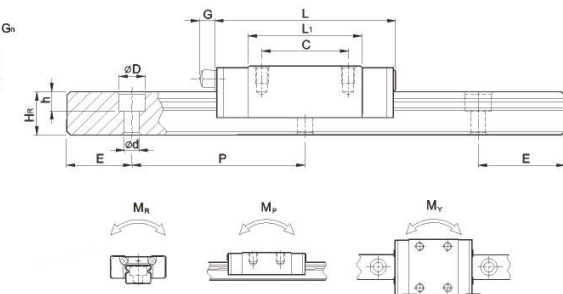
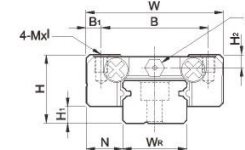
■ Specification of MG Sereis

MGN-C / MGN-H

MGN7, MGN9, MGN12



MGN15



型号 model	组件尺寸 (mm) dimension		滑块尺寸 (mm) block dimension										导轨尺寸 (mm) rail dimension										导轨 的固定螺栓 尺寸 blot	基本 动额定 负荷 load	基本 静额定 负荷 load	容许静力矩 allowable static moment			重量 weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G ₀	Mx1	H ₂	W _k	W ₀	H _k	D	d	P	E	(mm)	C1(kN)	C ₀ (kN)	M _x N-m	M _y N-m	M _z N-m	滑块 kg	导轨 kg/m		
																						(mm)	C1(kN)	C ₀ (kN)	M _x N-m	M _y N-m	M _z N-m	滑块 kg	导轨 kg/m	
MGW7C	9	1.9	5.5	25	19	3	10	21	31.2	-	Ø1.2	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	
MGW7H							19	30.8	41													1.77	3.14	23.45	15.53	15.53	0.029			
MGW9C	12	2.9	6	30	21	4.5	12	27.5	39.3	-	Ø1.2	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	
MGW9H					23	3.5	24	38.5	50.7													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	-	Ø1.2	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					28		28	45.6	60.4													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					35	57	73.8															8.93	13.38	299.01	122.60	122.60	0.215			

注: 1 kgf = 9.81 N

型号 model	组件尺寸 (mm) dimension			滑块尺寸 (mm) block dimension										导轨尺寸 (mm) rail dimension										导轨的 固定螺栓 尺寸 blot	基本 动额定 负荷 load	基本 静额定 负荷 load	容许静力矩 allowable static moment			重量 weight				
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G ₀	Mx1	H ₂	W _k	H _k	D	d	d	P	E	(mm)	C(kN)	C ₀ (kN)	N-m	N-m	M _r	M _p	M _y	滑块 kg	导轨 kg/m				
MGN 7C	8	1.5	5	17	12	2.5	8	13.5	22.5	-	Ø1.2	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	7.64		4.80	4.80	0.015			
MGN 9C							10	2	5.5	20	15	2.5	10	18.9	28.9	-	Ø1.4	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
MGN 9H													16	29.9	39.9																	2.55	4.02	19.60
MGN 12C	13	3	7.5	27	20	3.5	15	21.7	34.7	-	Ø2	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						
MGN 12H							20	32.4	45.4																	3.72	5.88		38.22	36.26	36.26	0.054		
MGN 15C	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						
MGN 15H							25	43.4	58.8																	6.37	9.11		73.50	57.82	57.82	0.092		

注: 1 kgf = 9.81 N



LINEAR GUIDE RAIL AND BLOCK THK SIZE

Linear guides are used in high-precision or high-speed linear reciprocating motion applications and can withstand a certain degree of torque, enabling high-precision linear motion even under heavy loads.

HSR series

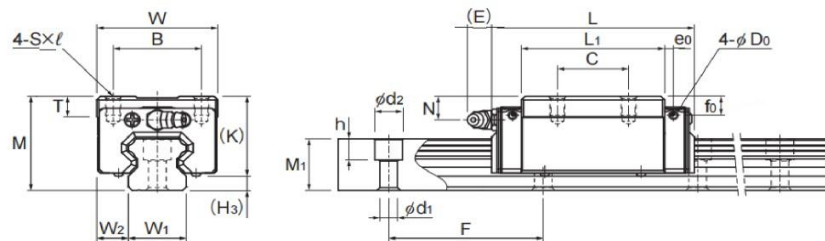


SSR series



HSR series

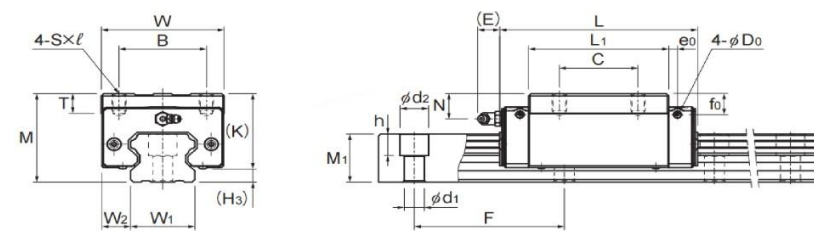
HSR-R/LR/RM/LRM



HSR15~35R/LR/RM/LRM型

HSR series

HSR-R/LR/RM/LRM



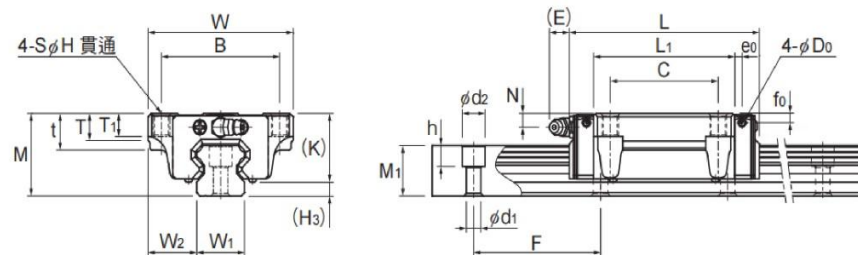
HSR45~85R/LR/XR/XLR型

單位:mm

型號 Model	外部尺寸			LM滑塊尺寸 block dimensions										側噴嘴的定位孔				LM軌道尺寸 rail dimensions					基本額定負荷		靜態容許力矩 kN-m*					質量 weight		
	高度 height	寬度 width	長度 length	B	C	S×ℓ	L ₁	T	K	N	E	油嘴 grease nipple	e ₀	f ₀	D ₀	H ₃		寬度 width W ₁ ±0.05	W ₂	高度 height M ₁	螺距 length of pitch F	長度* max length d ₁ ×d ₂ ×h 最大	C kN	C ₀ kN	M _A 		M _B 		M _C 	LM滑塊 kg	LM軌道 kg/m	
																									1個滑塊	雙滑塊	1個滑塊	雙滑塊	1個滑塊			
HSR 15R HSR 15RM	28	34	56.6	26	26	M4×5	38.8	6	23.3	8.3	5.5	PB1021B	3.2	7.9	3	4.7		15	9.5	15	60	4.5×7.5×5.3	3000 (1240)	10.9	15.7	0.0945	0.527	0.0945	0.527	0.0998	0.18	1.5
HSR 15LR HSR 15LRM	28	34	74.6	26	34	M4×5	56.8	6	23.3	8.3	5.5	PB1021B	3.2	7.9	3	4.7		15	9.5	15	60	4.5×7.5×5.3	3000 (1240)	14.2	22.9	0.194	0.984	0.194	0.984	0.145	0.26	1.5
HSR 20R HSR 20RM	30	44	74	32	36	M5×6	50.8	8	26	5	12	B-M6F	3.1	3.4	3	4		20	12	18	60	6×9.5×8.5	3000 (1480)	19.8	27.4	0.218	1.2	0.218	1.2	0.235	0.25	2.3
HSR 20LR HSR 20LRM	30	44	90	32	50	M5×6	66.8	8	26	5	12	B-M6F	3.1	3.4	3	4		20	12	18	60	6×9.5×8.5	3000 (1480)	23.9	35.8	0.363	1.87	0.363	1.87	0.307	0.35	2.3
HSR 25R HSR 25RM	40	48	83.1	35	35	M6×8	59.5	9	34.5	10	12	B-M6F	3.5	8	3	5.5		23	12.5	22	60	7×11×9	3000 (2020)	27.6	36.4	0.324	1.8	0.324	1.8	0.366	0.54	3.3
HSR 25LR HSR 25LRM	40	48	102.2	35	50	M6×8	78.6	9	34.5	10	12	B-M6F	3.5	8	3	5.5		23	12.5	22	60	7×11×9	3000 (2020)	35.2	51.6	0.627	3.04	0.627	3.04	0.518	0.67	3.3
HSR 30R HSR 30RM	45	60	98	40	40	M8×10	70.4	9	38	10	12	B-M6F	5.2	9.2	5.2	7		28	16	26	80	9×14×12	3000 (2520)	40.5	53.7	0.599	3.1	0.599	3.1	0.652	0.9	4.8
HSR 30LR HSR 30LRM	45	60	120.6	40	60	M8×10	93	9	38	10	12	B-M6F	5.2	9.2	5.2	7		28	16	26	80	9×14×12	3000 (2520)	48.9	70.2	0.995	4.89	0.995	4.89	0.852	1.1	4.8
HSR 35R HSR 35RM	55	70	109.4	50	50	M8×12	80.4	11.7	47.5	15	12	B-M6F	5.5	12.6	5.2	7.5		34	18	29	80	9×14×12	3000 (2520)	53.9	70.2	0.895	4.51	0.895	4.51	1.05	1.5	6.6
HSR 35LR HSR 35LRM	55	70	134.8	50	72	M8×12	105.8	11.7	47.5	15	12	B-M6F	5.5	12.6	5.2	7.5		34	18	29	80	9×14×12	3000 (2520)	65	91.7	1.49	7.13	1.49	7.13	1.37	2	6.6
HSR 45R HSR 45LR	70	86	139 170.8	60	60 80	M10×17	98 129.8	15	60	20	16	B-PT1/8	6.1	16.6	5.2	10		45	20.5	38	105	14×20×17	3090	82.2 100	101 135	1.5 2.59	8.37 13.4	1.5 2.59	8.37 13.4	1.94 2.6	2.6 3.1	11
HSR 55R HSR 55LR	80	100	163 201.1	75	75 95	M12×18	118 156.1	20.5	67	21	16	B-PT1/8	5.6	17.7	5.2	13		53	23.5	44	120	16×23×20	3060	121 148	146 194	2.6 4.46	14.1 22.7	2.6 4.46	14.1 22.7	3.43 4.56	4.3 5.4	15.1
HSR 65XR HSR 65XLR	90	126	190.5 250	76	70 120	M16×20	138.5 198	23	76	19	16	B-PT1/8	6.8	14.6	5.2	14		63	31.5	53	150	18×26×22	3000	195 249	228 323	5.08 9.81	25 45.6	5.08 9.81	25 45.6	6.2 8.79	7.3 9.7	22.5 22.5
HSR 85R HSR 85LR	110	156	245.6 303	100	80 140	M18×25	178.6 236	29	94	23	16	B-PT1/8	—	—	—	16		85	35.5	65	180	24×35×28	3000	304 367	355 464	10.2 16.9	51.2 81	10.2 16.9	51.2 81	12.8 16.7	13 16	35.2

HSR series

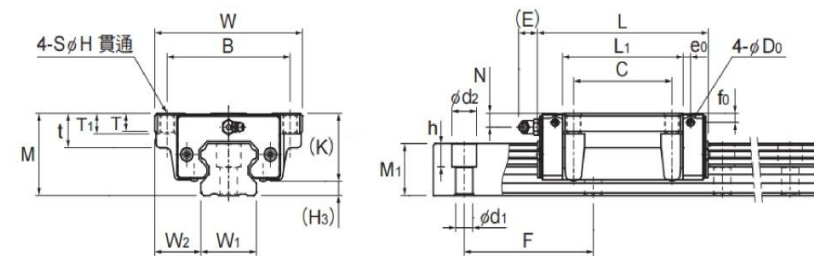
HSR-C/LC/CM/LCM



HSR15~35C/LC/CM/LCM型

HSR series

HSR-C/LC/CM/LCM



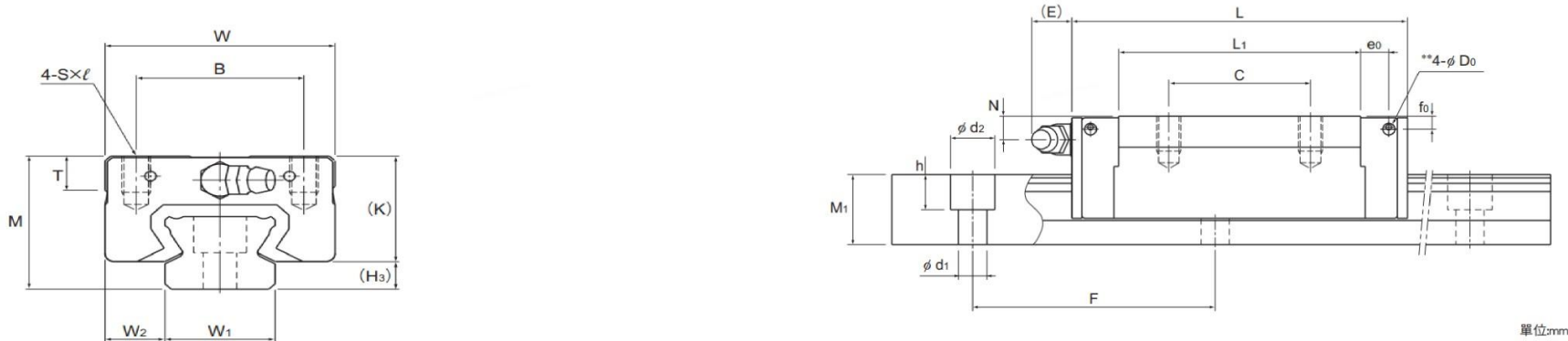
HSR45~65C/LC/XC/XLC型

單位:mm

型號 Model	外部尺寸			LM滑塊尺寸 block dimensions														側噴嘴的定位孔				LM軌道尺寸 rail dimensions						基本額定負荷		靜態容許力矩 kN-m *					質量	
	高度 height	寬度 width	長度 length	B	安裝孔			L ₁	t	T	T ₁	K	N	E	油嘴 grease nipple	e ₀	f ₀	D ₀	H ₃	寬度 width W ₁ ±0.05	W ₂	高度 height M ₁	螺距 length of pitch F	d ₁ × d ₂ × h	長度* max length 最大	C	C ₀						LM滑塊 kg	LM軌道 kg/m		
					S	H	L ₁																					1個滑塊	雙滑塊	1個滑塊	雙滑塊				1個滑塊	
HSR 15C HSR 15CM	24	47	56.6	38	30	M5	4.5	38.8	11	7	7	19.3	4.3	5.5	PB1021B	3.2	3.9	3	4.7		15	16	15	60	4.5×7.5×5.3	3000 (1240)	10.9	15.7	0.0945	0.527	0.0945	0.527	0.0998	0.2	1.5	
HSR 15LC HSR 15LCM	24	47	74.6	38	30	M5	4.5	56.8	11	7	7	19.3	4.3	5.5	PB1021B	3.2	3.9	3	4.7		15	16	15	60	4.5×7.5×5.3	3000 (1240)	14.2	22.9	0.194	0.984	0.194	0.984	0.145	0.29	1.5	
HSR 20C HSR 20CM	30	63	74	53	40	M6	5.4	50.8	10	9.5	10	26	5	12	B-M6F	3.1	3.4	3	4		20	21.5	18	60	6×9.5×8.5	3000 (1480)	19.8	27.4	0.218	1.2	0.218	1.2	0.235	0.35	2.3	
HSR 20LC HSR 20LCM	30	63	90	53	40	M6	5.4	66.8	10	9.5	10	26	5	12	B-M6F	3.1	3.4	3	4		20	21.5	18	60	6×9.5×8.5	3000 (1480)	23.9	35.8	0.363	1.87	0.363	1.87	0.307	0.47	2.3	
HSR 25C HSR 25CM	36	70	83.1	57	45	M8	6.8	59.5	16	11	10	30.5	6	12	B-M6F	3.5	4	3	5.5		23	23.5	22	60	7×11×9	3000 (2020)	27.6	36.4	0.324	1.8	0.324	1.8	0.366	0.59	3.3	
HSR 25LC HSR 25LCM	36	70	102.2	57	45	M8	6.8	78.6	16	11	10	30.5	6	12	B-M6F	3.5	4	3	5.5		23	23.5	22	60	7×11×9	3000 (2020)	35.2	51.6	0.627	3.04	0.627	3.04	0.518	0.75	3.3	
HSR 30C HSR 30CM	42	90	98	72	52	M10	8.5	70.4	18	9	10	35	7	12	B-M6F	5.2	6.2	5.2	7		28	31	26	80	9×14×12	3000 (2520)	40.5	53.7	0.599	3.1	0.599	3.1	0.652	1.1	4.8	
HSR 30LC HSR 30LCM	42	90	120.6	72	52	M10	8.5	93	18	9	10	35	7	12	B-M6F	5.2	6.2	5.2	7		28	31	26	80	9×14×12	3000 (2520)	48.9	70.2	0.995	4.89	0.995	4.89	0.852	1.3	4.8	
HSR 35C HSR 35CM	48	100	109.4	82	62	M10	8.5	80.4	21	12	13	40.5	8	12	B-M6F	5.5	5.6	5.2	7.5		34	33	29	80	9×14×12	3000 (2520)	53.9	70.2	0.895	4.51	0.895	4.51	1.05	1.6	6.6	
HSR 35LC HSR 35LCM	48	100	134.8	82	62	M10	8.5	105.8	21	12	13	40.5	8	12	B-M6F	5.5	5.6	5.2	7.5		34	33	29	80	9×14×12	3000 (2520)	65	91.7	1.49	7.13	1.49	7.13	1.37	2.0	6.6	
HSR 45C HSR 45LC	60	120	139 170.8	100	80	M12	10.5	98 129.8	25	13	15	50	10	16	B-PT1/8	6.1	6.6	5.2	10		45	37.5	38	105	14×20×17	3090	82.2 100	101 135	1.5 2.59	8.37 13.4	1.5 2.59	8.37 13.4	1.94 2.6	2.8 3.3	11 11	
HSR 55C HSR 55LC	70	140	163 201.1	116	95	M14	12.5	118 156.1	29	13.5	17	57	11	16	B-PT1/8	5.6	7.7	5.2	13		53	43.5	44	120	16×23×20	3060	121 148	146 194	2.6 4.46	14.1 22.7	2.6 4.46	14.1 22.7	3.43 4.56	4.5 5.7	15.1 15.1	
HSR 65XC HSR 65XLC	90	170	190.5 250	142	110	M16	14.5	138.5 198	37	21.5	23	76	19	16	B-PT1/8	6.8	14.6	5.2	14		63	53.5	53	150	18×26×22	3000	195 249	228 323	5.08 9.81	25 45.6	5.08 9.81	25 45.6	6.2 8.79	8.5 10.7	22.5 22.5	

SSR series

SSR-XW/XWM



型號 Model	外部尺寸			LM滑塊尺寸 block dimensions												LM軌道尺寸 rail dimensions	基本額定負荷		靜態容許力矩 kN·m*						質量							
	高度 height	寬度 width	長度 length	B	C	S×ℓ	L ₁	T	K	N	E	f ₀	e ₀	D ₀	油嘴 Grease nipple		H ₁	寬度 width W ₁ ±0.05	高度 height W ₂	螺距 length of pitch M ₁	長度* Max length F	d ₁ ×d ₂ ×h	長度* Max length 最大	C	C ₀	M _A 		M _B 		M _C 	LM滑塊 kg	LM軌道 kg/m
																										1個滑塊	雙滑塊	1個滑塊	雙滑塊			
SSR 15XW SSR 15XWM	24	34	56.9	26	26	M4×7	39.9	6.5	19.5	4.5	5.5	2.7	4.5	3	PB1021B	4.5	15	9.5	12.5	60	4.5×7.5×5.3	3000 (1240)	14.7	16.5	0.0792	0.44	0.0486	0.274	0.0962	0.15	1.2	
SSR 20XW SSR 20XWM	28	42	66.5	32	32	M5×8	46.6	8.2	22	5.5	12	2.9	5.2	3	B-M6F	6	20	11	15.5	60	6×9.5×8.5	3000 (1480)	19.6	23.4	0.138	0.723	0.0847	0.448	0.18	0.25	2.1	
SSR 25XW SSR 25XWM	33	48	83	35	35	M6×9	59.8	8.4	26.2	6	12	3.3	6.8	3	B-M6F	6.8	23	12.5	18	60	7×11×9	3000 (2020)	31.5	36.4	0.258	1.42	0.158	0.884	0.33	0.4	2.7	
SSR 30XW SSR 30XWM	42	60	97	40	40	M8×12	70.7	11.3	32.5	8	12	4.5	7.6	4	B-M6F	9.5	28	16	23	80	7×11×9	3000 (2520)	46.5	52.7	0.446	2.4	0.274	1.49	0.571	0.8	4.3	
SSR 35XW	48	70	110.9	50	50	M8×12	80.5	13	36.5	8.5	12	4.7	8.8	4	B-M6F	11.5	34	18	27.5	80	9×14×12	3000	64.6	71.6	0.711	3.72	0.437	2.31	0.936	1.1	6.4	



LINEAR GUIDE RAIL AND BLOCK

ABBA SIZE

Linear guides are used in high-precision or high-speed linear reciprocating motion applications and can withstand a certain degree of torque, enabling high-precision linear motion even under heavy loads.

BRC/BRD-R0, LR series



BRC/BRD-A0, LA series

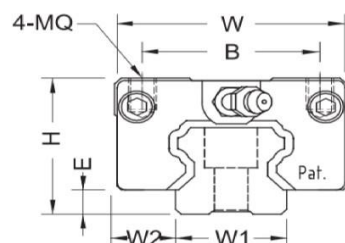


BRC/BRD-U0, SU series



BRC-R0/LR, BRD-R0/LR series

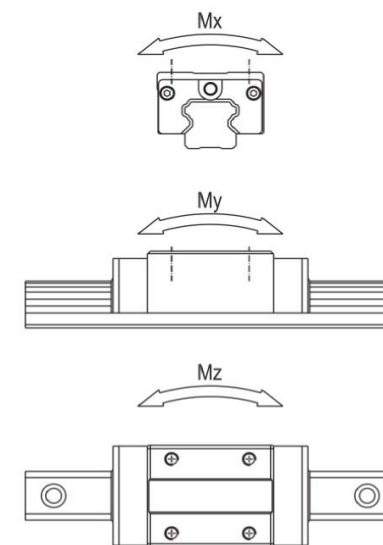
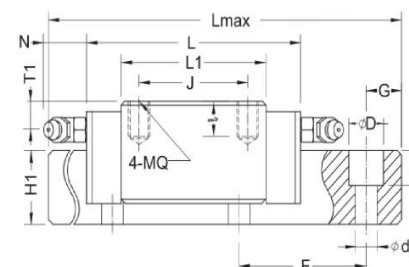
BRC/BRD-15R0/LR-45R0/LR



型號 model	組合尺寸 (mm)				滑塊尺寸 (mm)				block dimensions				滑軌尺寸 block dimensions			
	H	W	W2	E	L	BxJ	MQxL	L1	油孔	T1	(N)	W1	H1	F	dxDxh	
BRC15R0	28	34	9.5	4.6	66	26x26	M4x6	40	ø 3	8.3	5	15	14	60	4.5x7.5x5.8	
BRD15R0					56											
BRC20R0	30	44	12	5	77.8	32x36	M5x8	48.8	M6x1	7	15.6	20	18	60	6x9.5x9.0	
BRD20R0					67.8											
BRC20LR					92.4	32x50		63.4								
BRD20LR					82.4											
BRC25R0	40	48	12.5	7	88	35x35	M6x10	57	M6x1	11.8	15.6	23	22	60	7x11x9.5	
BRD25R0					78											
BRC25LR					110.1	35x50		79.1								
BRD25LR					100.1											
BRC30R0	45	60	16	9	109	40x40	M8x13	72	M6x1	10	15.6	28	26	80	9x14x12.5	
BRD30R0					99											
BRC30LR					131.3	40x60		94.3								
BRD30LR					121.3											
BRD35R0	55	70	18	9.5	109	50x50	M8x13	80	M6x1	15	15.6	34	29	80	9x14x12.5	
BRD35LR					134.8	50x72		105.8								
BRD45R0	70	86	20.5	14	138.2	60x60	M10x16.5	105	M8x1	18.5	16	45	38	105	14x20x17.5	
BRD45LR					163	60x80		129.8								

BRC-R0/LR, BRD-R0/LR series

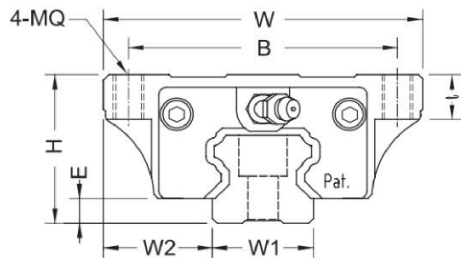
BRC/BRD-15R0/LR-45R0/LR



型號 model	參考資料 (mm)		基本荷重 (Kgf) load		容許靜力矩 (Kg ² m) Allowable static moment			重量 weight	
	Lmax	G	動額定負荷 (C)	靜額定負荷 (C ₀)	Mx	My	Mz	滑塊 (Kg)	滑軌 (Kg/m)
BRC15R0	4000	20	850	1350	10.1	6.8	6.8	0.19	1.4
BRD15R0									
BRC20R0	4000	20	1400	2400	24	14.6	14.6	0.31	2.6
BRD20R0									
BRC20LR			1650	3000	30	23.8	23.8	0.47	
BRD20LR									
BRC25R0	4000	20	1950	3200	36.8	22.8	22.8	0.45	3.6
BRD25R0									
BRC25LR			2600	4600	52.9	45.5	45.5	0.56	
BRD25LR									
BRC30R0	4000	20	2850	4800	67.2	43.2	43.2	0.91	5.2
BRD30R0									
BRC30LR			3600	6400	89.6	75.4	75.4	1.2	
BRD30LR									
BRD35R0	4000	20	3850	6200	105.4	62	62	1.5	7.2
BRD35LR			4800	8300	141.1	109.8	109.8	1.9	
BRD45R0	4000	22.5	6500	10500	236.3	137.8	137.8	2.3	12.3
BRD45LR			7700	13000	292.5	210.9	210.9	2.8	

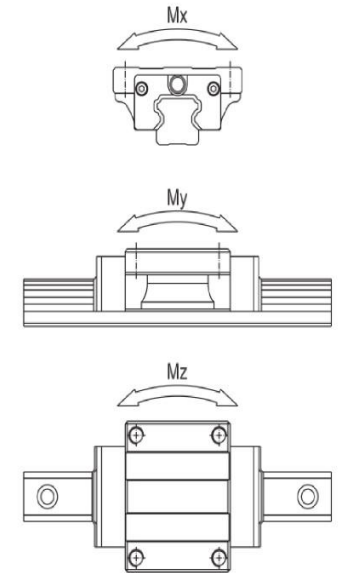
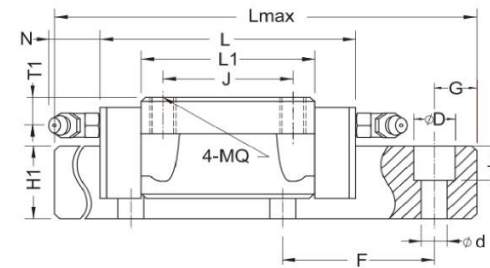
BRC-A0/LA, BRD-A0/LA series

BRC/BRD-15A0/LA-45A0/LA



BRC-A0/LA, BRD-A0/LA series

BRC/BRD-15A0/LA-45A0/LA

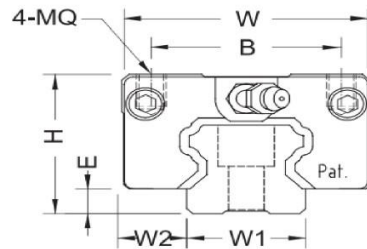


型號 model	組合尺寸 (mm)				滑塊尺寸 (mm) block dimensions							滑軌尺寸 rail dimensions			
	H	W	W2	E	L	BxJ	MQxL	L1	油孔	T1	(N)	W1	H1	F	dxDxh
BRC15A0	24	47	16	4.6	66	38x30	M5x8	40	ø 3	4.3	5	15	14	60	4.5x7.5x5.8
BRD15A0					56										
BRC20A0	30	63	21.5	5	77.8	53x40	M6x9	48.8	M6x1	7	15.6	20	18	60	6x9.5x9.0
BRD20A0					67.8										
BRC20LA					92.4			63.4							
BRD20LA					82.4										
BRC25A0	36	70	23.5	7	88	57x45	M8x12	57	M6x1	7.8	15.6	23	22	60	7x11x9.5
BRD25A0					78			79.1							
BRC25LA					110.1										
BRD25LA					100.1										
BRC30A0	42	90	31	9	109	72x52	M10x12	72	M6x1	7	15.6	28	26	80	9x14x12.5
BRD30A0					99			94.3							
BRC30LA					131.3										
BRD30LA					121.3										
BRD35A0	48	100	33	9.5	109	82x62	M10x13	80	M6x1	8	15.6	34	29	80	9x14x12.5
BRD35LA					134.8			105.8							
BRD45A0	60	120	37.5	14	138.2	100x80	M12x15	105	M8x1	8.5	16	45	38	105	14x20x17.5
BRD45LA					163			129.8							

型號 model	參考資料 (mm)		基本荷重 (Kgf) load		容許靜力矩 (Kgf*m) Allowable static moment			重量 weight	
	Lmax	G	動額定負荷 (C)	靜額定負荷 (C ₀)	Mx	My	Mz	滑塊 (Kg)	滑軌 (Kg/m)
BRC15A0 BRD15A0	4000	20	850	1350	10.1	6.8	6.8	0.21	1.4
BRC20A0 BRD20A0	4000	20	1400	2400	24	14.6	14.6	0.4	2.6
BRC20LA BRD20LA			1650	3000	30	23.8	23.8	0.52	
BRC25A0 BRD25A0	4000	20	1950	3200	36.8	22.8	22.8	0.57	3.6
BRC25LA BRD25LA			2600	4600	52.9	45.5	45.5	0.72	
BRC30A0 BRD30A0	4000	20	2850	4800	67.2	43.2	43.2	1.1	5.2
BRC30LA BRD30LA			3600	6400	89.6	75.4	75.4	1.4	
BRD35A0 BRD35LA	4000	20	3850	6200	105.4	62	62	1.6	7.2
			4800	8300	141.1	109.8	109.8	2	
BRD45A0 BRD45LA	4000	22.5	6500	10500	236.3	137.8	137.8	2.7	12.3
			7700	13000	292.5	210.9	210.9	3.6	

BRC-U0/SU, BRD-U0/SU series

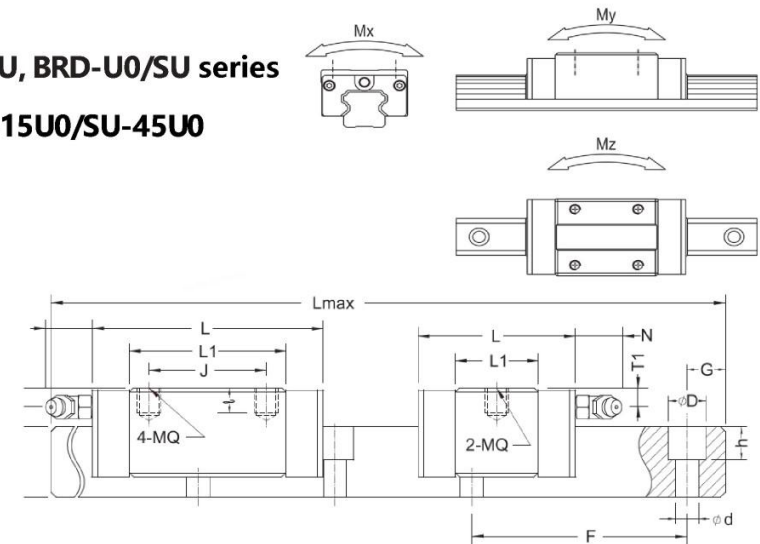
BRC/BRD-15U0/SU-45U0



型號 model	組合尺寸 (mm)					滑塊尺寸 (mm)					block dimensions					滑軌尺寸 (mm)				
	H	W	W2	E	L	BxJ	MQxL	L1	油孔	T1	(N)	W1	H1	F	dxDxh					
BRC15U0	24	34	9.5	4.6	66	26x26	M4x5.6	40	ø 3	4.3	5	15	14	60	4.5x7.5x5.8					
BRD15U0					56															
BRC15SU					47.6											26x -				
BRD15SU					37.6															
BRC20U0	28	42	11	5	77.8	32x32	M5x6.4	48.8	M6x1	5	15.6	20	18	60	6x9.5x9.0					
BRD20U0					67.8															
BRC20SU					57											32x -				
BRD20SU					47															
BRC25U0	33	48	12.5	7	88	35x35	M6x8	57	M6x1	4.8	15.6	23	22	60	7x11x9.5					
BRD25U0					78															
BRC25SU					62.5											35x -				
BRD25SU					52.5															
BRC30U0	42	60	16	9	109	40x40	M8x11.5	72	M6x1	7	15.6	28	26	80	9x14x12.5					
BRD30U0					99															
BRC30SU					75.6											40x -				
BRD30SU					65.6															
BRD35U0	48	70	18	9.5	109	50x50	M8x11.2	80	M6x1	8	15.6	34	29	80	9x14x12.5					
BRD35SU					74.7	50x -		45.7												
BRD45U0	60	86	20.5	14	138.2	60x60	M10x13	105	M8x1	8.5	16	45	38	105	14x20x17.5					

BRC-U0/SU, BRD-U0/SU series

BRC/BRD-15U0/SU-45U0



型號 model	參考資料 (mm)		基本荷重 (Kgf) load		容許靜力矩 (Kgf·m) all static moment			重量 weight	
	Lmax	G	動額定負荷 (C)	靜額定負荷 (C0)	Mx	My	Mz	滑塊 (Kg)	滑軌 (Kg/m)
BRC15U0	4000	20	850	1350	10.1	6.8	6.8	0.17	1.4
BRD15U0									
BRC15SU			520	680	5.1	1.8	1.8	0.1	
BRD15SU									
BRC20U0	4000	20	1400	2400	24	14.6	14.6	0.26	2.6
BRD20U0									
BRC20SU			950	1400	7	4.9	4.9	0.17	
BRD20SU									
BRC25U0	4000	20	1950	3200	36.8	22.8	22.8	0.38	3.6
BRD25U0									
BRC25SU			1250	1750	17.5	6.9	6.9	0.21	
BRD25SU									
BRC30U0	4000	20	2850	4800	67.2	43.2	43.2	0.81	5.2
BRD30U0									
BRC30SU			1750	2400	33.6	11.6	11.6	0.48	
BRD30SU									
BRD35U0	4000	20	3850	6200	105.4	62	62	1.2	7.2
BRD35SU			2500	3650	62.1	20.9	20.9	0.8	
BRD45U0	4000	22.5	6500	10500	236.3	137.8	137.8	2.1	12.3

Slider Model Cross-Reference Chart

HYNW		HIWIN		PMI	ABBA	CSK	FZS	TBI	CPC	THK
High Assembly-square type										
H15B		HGH15CA		MSA15S	BRC15-R0	LMG15H	FAR15H	TRH15V	HRC15MN	HSR15R
H20B		HGH20CA		MSA20S	BRC20-R0	LMG20H	FAR20H	TRH20V	HRC20M	HSR20R
H20BL		HGH20HA		MSA20LS	BRC20-LR	LMG20LH	FAR20LH	TRH20V	HRC20ML	HSR20LR
H25B	R25B	HGH25CA	RGH25CA	MSA25S	BRC25-R0	LMG25H	FAR25H	TRH25V	HRC25MN	HSR25R
H25BL	R25BL	HGH25HA	RGH25HA	MSA25LS	BRC25-LR	LMG25LH	FAR25LH	TRH25V	HRC25MI	HSR25LR
H30B	R30B	HGH30CA	RGH30CA	MSA30S	BRC30-R0	LMG30H	FAR30H	TRH30V	HRC30MN	HSR30R
H30BL	R30BL	HGH30HA	RGH30HA	MSA30LS	BRC30-LR	LMG30LH	FAR30LH	TRH30V	HRC30ML	HSR30LR
H35B	R35B	HGH35CA	RGH35CA	MSA35S	BRD35-R0	LMG35H	FAR35H	TRH35V	HRC35MN	HSR35R
H35BL	R35BL	HGH35HA	RGH35HA	MSA35LS	BRD35-LR	LMG35LH	FAR35LH	TRH35V	HRC35ML	HSR35LR
H45B	R45B	HGH45CA	RGH45CA	MSA45S	BRD45-R0	LMG45H	FAR45H	TRH45V	HRC45MN	HSR45R
H45BL	R45BL	HGH45HA	RGH45HA	MSA45LS	BRD45-LR	LMG45LH	FAR45LH	TRH45V	HRC45ML	HSR45LR
H55B	R55B	HGH55CA	RGH55CA	MSA55S			FAR55H	TRH55V		HSR55R
H55BL	R55BL	HGH55HA	RGH55HA	MSA55LS			FAR55LH	TRH55V		HSR55LR
H65B	R65B	HGH65CA	RGH65CA	MSA65S			FAR65H			HSR65R
H65BL	R65BL	HGH65HA	RGH65HA	MSA65LS			FAR65LH			HSR65LR
High Assembly-flange type										
H15A		HGW15C		MSA15A	BRC15-A0	LMG15C	FAR15A	TRH15F	HRC15FN	HSR15A
H20A		HGW20C		MSA20A	BRC20-A0	LMG20C	FAR20A	TRH20F	HRC20FN	HSR20A
H20AL		HGW20H		MSA20LA	BRC20-LA	LMG20LC	FAR20LA	TRH20F	HRC20FL	HSR20LA
H25A	R25A	HGW25C	RGW25C	MSA25A	BRC25-A0	LMG25C	FAR25A	TRH25F	HRC25FN	HSR25A
H25AL	R25AL	HGW25H	RGW25H	MSA25LA	BRC25-LA	LMG25LC	FAR25LA	TRH25F	HRC25FL	HSR25LA
H30A	R30A	HGW30C	RGW30C	MSA30A	BRC30-A0	LMG30C	FAR30A	TRH30F	HRC30FN	HSR30A
H30AL	R30AL	HGW30H	RGW30H	MSA30LA	BRC30-LA	LMG30LC	FAR30LA	TRH30F	HRC30FL	HSR30LA
H35A	R35A	HGW35C	RGW35C	MSA35A	BRC35-A0	LMG35C	FAR35A	TRH35F	HRC35FN	HSR35A
H35AL	R35AL	HGW35H	RGW35H	MSA35LA	BRD35-LA	LMG35LC	FAR35LA	TRH35F	HRC35FL	HSR35LA
H45A	R45A	HGW45C	RGW45C	MSA45A	BRD45-A0	LMG45C	FAR45A	TRH45F	HRC45FN	HSR45A
H45AL	R45AL	HGW45H	RGW45H	MSA45LA	BRD45-LA	LMG45LC	FAR45LA	TRH45F	HRC45FL	HSR45LA
H55A	R55A	HGW55C	RGW55C	MSA55A			FAR55A	TRH55F		HSR55A
H55AL	R55AL	HGW55H	RGW55H	MSA55LA			FAR55LA	TRH55F		HSR55LA
H65A	R65A	HGW65C	RGW65C	MSA65A			FAR65A			HSR65A
H65AL	R65AL	HGW65H	RGW65H	MSA65LA			FAR65LA			HSR65LA
Low Assembly-square type										
E15BS		EGH15SA		MSB15TS	BRC15-SU	LMG15ST	FER15SH	TRS15V	ARC15MS	SR15V
E15B		EGH15CA		MSB15S	BRC15-U0	LMG15T	FER15H	TRS15V	ARC15MN	SR15W
E20BS		EGH20SA		MSB20TS	BRC20-SU	LMG20ST	FER20SH	TRS20V	ARC20MS	SR20V
E20B		EGH20CA		MSB20S	BRC20-U0	LMG20T	FER20H	TRS20V	ARC20MN	SR20W
E25BS		EGH25SA		MSB25TS	BRC25-SU	LMG25ST	FER25SH	TRS25V	ARC25MS	SR25V
E25B		EGH25CA		MSB25S	BRC25-U0	LMG25T	FER25H	TRS25V	ARC25MN	SR25W
E30BS		EGH30SA		MSB30TS	BRC30-SU	LMG30ST	FER30SH	TRS30V	ARC30MS	SR30V
E30B		EGH30CA		MSB30S	BRC30-U0	LMG30T	FER30H	TRS30V	ARC30MN	SR30W
Low Assembly-flange type										
E15AS		EGW15SA		MSB15TE			FER15SA	TRS15FS	ARC15FS	SR155B
E15A		EGW15CA		MSB15E			FER15A	TRS15FN	ARC15FN	SR15TB
E20AS		EGW20SA		MSB20TE			FER20SA	TRS20FS	ARC20FS	SR205B
E20A		EGW20CA		MSB20E			FER20A	TRS20FN	ARC20FN	SR20TB
E25AS		EGW25SA		MSB25TE			FER25SA		ARC25FS	SR255B
E25A		EGW25CA		MSB25E			FER25A	TR525FN	ARC25FN	SR25TB
E30AS		EGW30SA		MSB30TE			FER30SA		ARC30FS	SR305B
E30A		EGW30CA		MSB30E			FER30A		ARC30FN	SR30TB

Custom Solutions Series



Premium Series

Enhanced Build: Improved manufacturing and material quality over standard sliders.
Premium Application: Ideal for customers with higher performance and durability demands.



Steel Strip Wiper Series

Effective Contaminant Barrier: Steel strip wiper design keeps out dust, debris, and oils.
Internal Protection: Safeguards the critical internal components of the slider.



Steel Retainer Series

Steel Plate Reinforced: Increased rigidity and overall strength.
For Demanding Applications: Designed for equipment requiring high structural performance.



Through-Hole Series

Non-Threaded Through-Hole: Modified from standard design to allow passage of bolts or pins.
Flexible Fastening: Facilitates secure connection to other components using external hardware.

Linear Motion Guide & Block Professional Manufacturer

WWW.NGSBEARING.COM

Recommended accuracy grade for machine applications

Application Grade		AXIS	Accuracy Grade				
			C	H	P	SP	UP
CNC Machinery Tools	Lathes	X			●	●	●
		Z			●	●	
	Milling Machines	X					●
		Y			●	●	
	Boring Machines	Z			●	●	
		X			●	●	●
	Machine Center	Y			●	●	●
		Z			●	●	
	Jig Bore	X					●
		Y					●
		Z					●
	Drilling Machines	X			●		
		Y			●		
	Grinders	Z		●	●		
		X				●	●
	EDM	Y			●	●	
		Z			●	●	
	Wire Cut EDM	X				●	
		Y				●	
		U			●	●	
General Machinery	Punching Press	V			●	●	
		X			●	●	
	Single Purpose Machines	Y		●	●		
		Z		●	●		
	Wood Working Machines		●	●			
	Industrial Robot (Precision)				●	●	
	Industrial Robot (General)		●	●	●		
	Coordinate Measuring Machine					●	●
	Non-CNC Machine				●		
	Transport Equipment		●	●	●		
	X-Y Table				●	●	●
	Linear Actuator		●	●	●		
	Gate Valve		●	●			
	Power Steering			●			
	Glass Grinder				●	●	
	Surface Grinder				●		
	Induction Hardening Machine		●	●			
	Electromachine				●	●	●
	All-electric Injection Molding Machine		●	●	●		

Linear Guideway Inquiry Form

Customer:		Date:
Tel. Fax.		Confirm by
Machine Type		Drawing No.
Axis ☐ X ☐ Y ☐ Z ☐ Other ()		
Install Position		
Model No.		
Rail Mounting	☐ R (from top) ☐ T (from bottom) ☐ U (from top with bolt hole enlarged)	
Dust Protection	☐ Double end seal + Bottom seal (DD) ☐ Double end seal + Scraper + Bottom seal (KK) ☐ End seal + Scraper + Bottom seal (ZZ) ☐ End seal + Bottom seal (U)	
Special Option	☐ Steel end cap (SE) ☐ Self Lubrication (E2)	
Lubrication	☐ Grease nipple (Grease) ☐ Piping joint (Oil) ☐ Other	
Butt-joint	☐ No ☐ Yes	
No. of Rail Per Axis	☐ I (1) ☐ II (2) ☐ III (3) ☐ Other	
Reference Surface and Grease Nipple Orientation	Please mark "X" in the ☐ to indicate the grease nipple orientation. ☐ E1 ☐ E2 ☐ E3 ☐ E4	