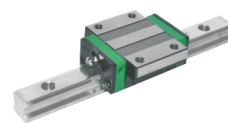
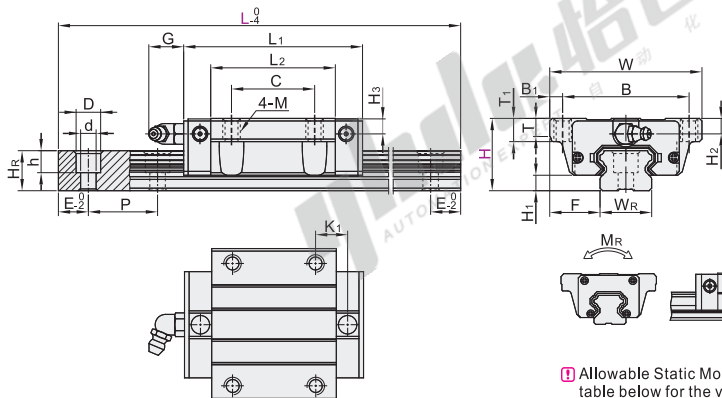


Code	Type	Accuracy Grade	Block Mounting Type	Number of Blocks	Guide Rail Mounting Type	Material
IAY21	Set	Standard Grade	Mounting from Top	1	Mounting from Top	S55C
IAY23				2		20CrMoH



Refer to page P98 for accuracy grade selection.



Allowable Static Moment, Please refer to the table below for the values of M_R / M_P / M_V .

The first perspective

Part Number		L	H ₁	F	Block Dimensions										
Code	H				W	B	B ₁	C	L ₁	L ₂	K ₁	G	M	T	H ₂
IAY21 IAY23	24	100~1480	4.4	18.5	52	41	5.5	26	57.8	39.8	10.3	5.5	M5	5	5.8
	28	100~1480	6	19.5	59	49	5	32	69.1	48.1	12.25	12	M6	7	5.8
	33	100~1960	6.9	25	73	60	6.5	35	85	59	17	12	M8	7.5	7.4

The minimum value of L size is determined by the length and quantity of the block.

The maximum length L of each specification of slide rail can reach 4000mm/piece.

Guide Rail Dimensions								Basic Load Rating(KN)		Allowable Static Moment(N-m)			Weight	
H ₃	W _R	H _R	D	h	d	P	Set screw	C(Dynamic)	Co(Static)	M _R	M _P	M _Y	Blocks(kg)	Guide Rails(kg/m)
5.8	15	12.5	7.5	5.3	4.5	60	M4×16	7.21	14.25	0.11	0.09	0.09	0.17	1.26
6.3	20	15.5	9.5	8.5	6	60	M5×16	9.81	18.32	0.19	0.1	0.1	0.28	2.09
7.4	23	18	11	9	7	60	M6×20	15.1	30.12	0.35	0.3	0.3	0.42	2.69

The minimum value of L size depends on the length of the slider and the number of sliders, please confirm.

N(Number of Mounting Holes)/

E(Distance from screw center hole to end face)

H	L	N	E
1 mm Increment	(Number of Mounting Holes)		
100~131	2		
132~191	3		
192~251	4		
252~311	5		
312~371	6		
372~431	7		
432~491	8		
492~551	9		
552~611	10		
612~671	11		
672~731	12		
732~791	13		
792~851	14		
852~911	15		
912~971	16		
972~1031	17		
1032~1091	18		
1092~1151	19		
1152~1211	20		
1212~1271	21		
1272~1331	22		
1332~1391	23		
1392~1451	24		
1452~1480	25		
100~139	2		
140~199	3		
200~259	4		
260~319	5		
320~379	6		
380~439	7		
440~499	8		
500~559	9		
560~619	10		
620~679	11		
680~739	12		
740~799	13		
800~859	14		
860~919	15		
920~979	16		
980~1039	17		
1040~1099	18		

$$E = \frac{L \cdot (N-1) \times P}{2}$$

N(Number of Mounting Holes)/

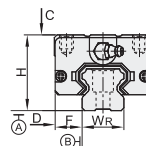
E(Distance from screw center hole to end face)

H	L	N	E
1 mm Increment	(Number of Mounting Holes)		
1100~1159	19		
1160~1219	20		
1220~1279	21		
1280~1339	22		
1340~1399	23		
1400~1459	24		
1460~1480	25		
100~141	2		
142~201	3		
202~261	4		
262~321	5		
322~381	6		
382~441	7		
442~501	8		
502~561	9		
562~621	10		
622~681	11		
682~741	12		
742~801	13		
802~861	14		
862~921	15		
922~981	16		
982~1041	17		
1042~1101	18		
1102~1161	19		
1162~1221	20		
1222~1281	21		
1282~1341	22		
1342~1401	23		
1402~1461	24		
1462~1521	25		
1522~1581	26		
1582~1641	27		
1642~1701	28		
1702~1761	29		
1762~1821	30		
1822~1881	31		
1882~1941	32		
1942~1960	33		

$$E = \frac{L \cdot (N-1) \times P}{2}$$

Accuracy Standards

Dimensional Accuracy(μm)		
1 Block	Height H Tolerance	±0.1
	Width F Tolerance	±0.1
2 Blocks	Height H Pair Variation	0.02
	Width F Pair Variation(Datum Track)	0.03
Running Parallelism of Plane C against Plane A		Refer to page P98 for accuracy class selection
Running Parallelism of Plane D against Plane B		



Please order as shown



Part Number	L
Code	H
IAY21	24
IAY23	28
	33

IAY21 — H28 — L260

Discount price	Per	1~9	10~
Price 100%	Additional quotation		



Delivery

6

P: Distance between screw holes

E: Distance from screw center hole to end face