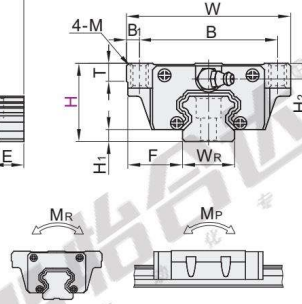
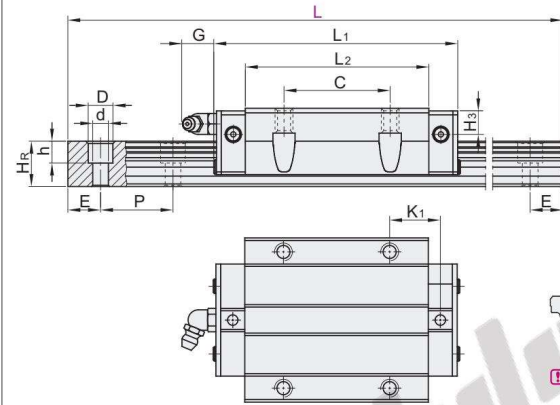


Economical High-assembly High Type Linear Guide

Heavy Load, Blocks Flange, Interchangeable
Standard Grade, Light Preload(ZA)0.05~0.07C

Code	Type	Accuracy Grade	Block Mounting Type	Number of Blocks	Guide Rail Mounting Type	Material
IBJ21	Set	Standard Grade	Mounting from Top	1	Mounting from Top	Slide rail/Slide block
IBJ23				2		S55C/20CrMoH



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

The first perspective



Inventory

Refer to page P98 for accuracy grade selection.

Part Number Code	H	Block Dimensions													
		L	H ₁	F	W	B	B ₁	C	L ₁	L ₂	K ₁	G	M	T	
IBJ21	24	100~1480	4.4	16	47	38	4.5	30	60.5	39.5	8.1	5.3	M5	6	
	30	100~1480	4.3	21.5	63	53	5	40	76.7	50.5	10.25		M6		
IBJ23	36	100~1480	5.6	23.5	70	57	6.5	45	84	58	11.5	12	M8	8	
	42	200~1480	6	31	90	72	9	52	98.4	70	15.5		M10	8.5	

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										Set screw		Basic Load Rating(KN)			Allowable Static Moment(N-m)			Weight	
H ₂	H ₃	W _R	H _R	D	h	d	P			C(Dynamic)	Co(Static)	M _R	M _P	M _Y	Blocks/kg	Guide Rails(kg/m)			
4	4	15	15	7.5	5.3	4.5				10.59	16.19	0.11	0.09	0.09	0.2	1.42			
6	6	20	17.5	9.5	8.5	6	60			17.2	25.6	0.25	0.18	0.18	0.33	2.2			
6	5.5	23	22	11	9	7				M6×20	25.11	36.42	0.41	0.32	0.53	3.25			
7	6	28	26	14	12	9	80			M8×25	34.93	49.58	0.58	0.5	0.9	4.49			

N(Number of Mounting Holes)/

E(Distance from screw center hole to end face)

H	L	N	E
	1mm Increment	(Number of Mounting Holes)	
24	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		
30	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	
1100~1159	19		
1160~1219	20		
1220~1279	21		
1280~1339	22		
1340~1399	23		

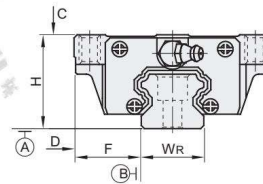
$$E = \frac{L - (N-1) \times P}{2}$$

N(Number of Mounting Holes)/

E(Distance from screw center hole to end face)

H	L	N	E
	1mm Increment	(Number of Mounting Holes)	
36	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		
1462~1480	25		
42	200~263	3	
	264~343	4	
	344~423	5	
	424~503	6	
	504~583	7	
	584~663	8	
	664~743	9	
	744~823	10	
	824~903	11	
	904~983	12	
	984~1063	13	
	1064~1143	14	
	1144~1223	15	
	1224~1303	16	
	1304~1383	17	
	1384~1463	18	
	1464~1480	19	

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



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 grade selection
Running Parallelism of Plane D against Plane B		



Part Number Code	H	L
IBJ21	24	100~1480
IBJ23	36	100~1480
	42	200~1480

IBJ21 — H30 — L260



Per	1~9	10~
Price	100%	Additional quotation



6

P: Distance between screw holes

E: Distance from screw center hole to end face