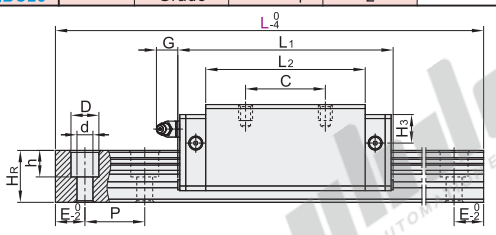
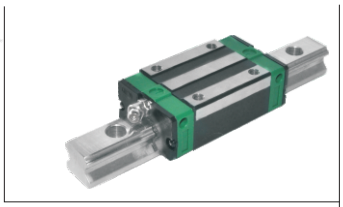
Economical High-assembly High Type Linear Guide

Heavy Load, Interchangeable

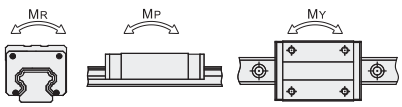
Standard Grade, Light Preload(ZA)0.05~0.07C

Code	Type	Accuracy Grade	Block Mounting Type	Number of Blocks	Guide Rail Mounting Type	Material	
						Slide rail	Slide block
IBC21	Set	Standard Grade	Mounting fromTop	1	Mounting fromTop	S55C	20CrMoH
IBC23				2			

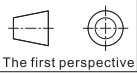




Refer to page P98 for accuracy grade selection.



Allowable Static Moment, Please refer to the table below for the values of MR / MP / MY.



The first perspective

Part Number Code	H	L	H1	F	Block Dimensions W	B	B1	C	L1	L2	K1	G	M×V	T	H2
IBC21 IBC23	28	100~1480	4.4	9.5	34	26	4	26	61.1	39.5	10.1	5.5	M4×5	6	8
	30	100~1960	4.3	12	44	32	6	36	76.5	50.5	12.25		M5×6	8	6
	40	100~1960	5.6	12.5	48	35	6.5	35	82	58	16.5	12	M6×8	8	10
	45	200~1960	6	16	60	40	10	40	98	70	21.5		M8×10	8.5	10

Please order as shown

Part Number Code	H	L
IBC21 IBC23	28	100~1480
	30	100~1960
	40	100~1960

IBC21 — H30 — L260

Discount price

Per	1~9	10~
Price	100%	Additional quotation

Delivery 6

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 H3	WR	HR	D	h	d	P	Set screw	Basic Load Rating(KN) C(Dynamic)	Co(Static)	Allowable Static Moment(N-m) MR	MP	MY	Weight Blocks(kg)	Guide Rails(kg/m)
8	15	15	7.5	5.3	4.5		M4×16	10.59	16.19	0.11	0.09	0.09	0.2	1.42
6	20	17.5	9.5	8.5	6	60	M5×16	17.2	25.6	0.25	0.18	0.18	0.33	2.2
9.5	23	22	11	9	7		M6×20	25.11	36.42	0.41	0.32	0.32	0.53	3.25
9	28	26	14	12	9	80	M8×25	34.93	49.58	0.58	0.5	0.5	0.9	4.49

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 1 mm Increment	N (Number of Mounting Holes)	E
28	100~139	2	$E=\frac{L-(N-1)\times P}{2}$
	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	
	1400~1459	24	
	1460~1480	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	

N(Number of Mounting Holes)/ E(Distance from screw center hole to end face)

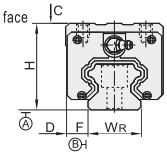
H	L 1 mm Increment	N (Number of Mounting Holes)	E
30	1220~1279	21	$E=\frac{L-(N-1)\times P}{2}$
	1280~1339	22	
	1340~1399	23	
	1400~1459	24	
	1460~1519	25	
	1520~1579	26	
	1580~1639	27	
	1640~1699	28	
	1700~1759	29	
	1760~1819	30	
	1820~1879	31	
	1880~1939	32	
	1940~1960	33	
40	100~141	2	
	142~201	3	
	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	

N(Number of Mounting Holes)/ E(Distance from screw center hole to end face)

H	L 1 mm Increment	N (Number of Mounting Holes)	E
40	1882~1941	32	
	1942~1960	33	
45	200~263	3	$E=\frac{L-(N-1)\times P}{2}$
	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	
	1464~1543	19	
	1544~1623	20	
	1624~1703	21	
	1704~1783	22	
	1784~1863	23	
	1864~1943	24	
	1944~1960	25	

P: Distance between screw holes

E: Distance from screw center hole to end face



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		