

Specification

Model no.			Max. stroke (mm)	Roller dia. (mm)	Main dimensions (mm)							Table mounting dimensions (mm)					d ₁	d ₂
Standard	Antitrust	Black coating			W	T	L	T ₁	T ₂	W ₂	W ₁	M	Q	N*P ₂				
GRH20-25	GRH20-25-N	GRH20-25-B	12	Ø1.5	20±0.1	8±0.1	7.5	4	6.6	14	M2.5*3.5L	12.5	1*18	2.5	4.1			
GRH20-35	GRH20-35-N	GRH20-35-B	18										3.5			1*28		
GRH20-45	GRH20-45-N	GRH20-45-B	25										45			1*20		
GRH20-55	GRH20-55-N	GRH20-55-B	32										55			1*30		
GRH20-65	GRH20-65-N	GRH20-65-B	40										65			2*20		
GRH20-75	GRH20-75-N	GRH20-75-B	45										75			22.5 1*30		
GRH20-85	GRH20-85-N	GRH20-85-B	50										85			12.5 2*30		
GRH30-35	GRH30-35-N	GRH30-35-B	18	Ø2.0	30±0.1	12±0.1	11.5	6	12.0	22	M3*5.5L	17.5	1*28	3.5	6			
GRH30-50	GRH30-50-N	GRH30-50-B	30										3.5			1*43		
GRH30-65	GRH30-65-N	GRH30-65-B	40										65			1*30		
GRH30-80	GRH30-80-N	GRH30-80-B	50										80			1*45		
GRH30-95	GRH30-95-N	GRH30-95-B	60										95			2*30		
GRH30-110	GRH30-110-N	GRH30-110-B	70										110			32.5 1*45		
GRH30-125	GRH30-125-N	GRH30-125-B	80										125			17.5 2*45		
GRH40-55	GRH40-55-N	GRH40-55-B	30	Ø3.0	40±0.1	16±0.1	15.5	8	16	30	M4*7.5L	27.5	1*40	4.5	7.1			
GRH40-80	GRH40-80-N	GRH40-80-B	45										7.5			1*65		
GRH40-105	GRH40-105-N	GRH40-105-B	60										105			1*50		
GRH40-130	GRH40-130-N	GRH40-130-B	75										130			1*75		
GRH40-155	GRH40-155-N	GRH40-155-B	90										155			2*50		
GRH40-180	GRH40-180-N	GRH40-180-B	105										180			52.5 1*75		
GRH40-205	GRH40-205-N	GRH40-205-B	130										205			27.5 2*75		

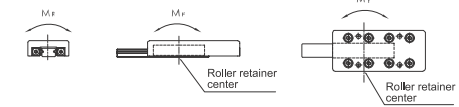
Ordering Example :	GRH	30	25	N
	H type table	Table width	Table length	Antitrust



Material specification

Component / Material / Model no.	Table	Rail	Retainer	Roller
GRH	Aluminum alloy +black anodized	SUJ2	SUS304	SUJ2
GRH - N	S50C+Ni	SUJ2+Ni	SUS304	SUJ2
GRH - B	S50C +phosphate	SUJ2	SUS304	SUJ2

GRH-N No Surface finished to V-groove surface of the rail.



★ Each of load and torque changes oppositely in stroke variation

Base mounting dimensions (mm)				Basic dynamic load rating C(N)	Basic static load rating Co(N)	Allowable load Fu(N)	Static rated moment			Weight (kg)		Table moving accuracy (µm)	
h ₁	L ₁	L ₂	L ₃				M _R (N·m)	M _P (N·m)	M _V (N·m)	Standard	Antitrust	Center parallelism	Side parallelism
2.2	3.5	18	/	379	576	192	1.4	1.2	1.4	0.01	0.02	4	
		25		523	865	288	2.2	2.6	3.0	0.02	0.03		
	3.5	38	25	657	1,153	384	2.9	4.6	5.2	0.03	0.04	2	
		48	29	783	1,441	480	3.6	7.2	7.9	0.03	0.05		
	5	55	31	903	1,729	576	4.3	10.4	11.2	0.04	0.06	5	
			65	35	1,131	2,306	769	5.8	18.4	17.3	0.05		0.08
75			40	1,240	2,594	865	6.5	23.3	22.0	0.05	0.09		
3.3	5	25	/	895	1,170	390	5.1	3.1	3.9	0.05	0.05	4	
		35		1,552	2,339	780	10.1	12.5	10.9	0.07	0.12		
	5	70	40	2,164	3,509	1,170	15.2	28.1	30.4	0.11	0.19	2	
			85	45	2,407	4,093	1,364	17.7	38.2	40.9	0.14		0.23
			95	50	2,930	5,263	1,754	22.8	63.2	59.6	0.16		0.26
	7.5	110	55	3,181	5,848	1,949	25.3	78.0	74.1	0.18	0.30	5	
7.5			40	/	2,901	4,567	1,522	26.5	22.8	26.6	0.15		0.24
			65	43	4,338	7,611	2,537	44.1	63.4	57.1	0.21		0.35
7.5			140	55	5,646	10,655	3,552	61.8	124.3	115.4	0.28		0.46
	115	65		6,268	12,178	4,059	70.6	162.4	172.5	0.35	0.57		
	140	95		7,462	15,222	5,074	88.3	253.7	266.4	0.42	0.68		
	165	85		8,603	18,266	6,089	105.9	365.3	350.1	0.49	0.80		
190	90	9,157	19,789	6,596	114.8	428.8	445.2	0.56	0.91				