

Specification

Model no.			Max. stroke (mm)	Roller dia. (mm)	Main dimensions (mm)						Table mounting dimensions (mm)			
Standard	Antitrust	Black coating			W	T	L	T ₁	T ₂	W ₂	W ₁	M	Q	N*P ₂
GRS20-25	GRS20-25-N	GRS20-25-B	12	Ø1.5	20±0.1	8±0.1	25	7.5	4	6.6	14	M2.5*3.5L	12.5	1*18
GRS20-35	GRS20-35-N	GRS20-35-B	18				35							2*28
GRS20-45	GRS20-45-N	GRS20-45-B	25				45							1*20
GRS20-55	GRS20-55-N	GRS20-55-B	32				55							1*30
GRS20-65	GRS20-65-N	GRS20-65-B	40				65							2*20
GRS20-75	GRS20-75-N	GRS20-75-B	45				75							1*30
GRS20-85	GRS20-85-N	GRS20-85-B	50				85							2*30
GRS30-35	GRS30-35-N	GRS30-35-B	18	Ø2.0	30±0.1	12±0.1	35	11.5	6	12	22	M3*5.5L	17.5	1*28
GRS30-50	GRS30-50-N	GRS30-50-B	30				50							1*43
GRS30-65	GRS30-65-N	GRS30-65-B	40				65							1*30
GRS30-80	GRS30-80-N	GRS30-80-B	50				80							1*45
GRS30-95	GRS30-95-N	GRS30-95-B	60				95							2*30
GRS30-110	GRS30-110-N	GRS30-110-B	70				110							1*45
GRS30-125	GRS30-125-N	GRS30-125-B	80				125							2*45
GRS40-55	GRS40-55-N	GRS40-55-B	30	Ø3.0	40±0.1	16±0.1	55	15.5	8	16	30	M4*7.5L	27.5	1*40
GRS40-80	GRS40-80-N	GRS40-80-B	45				80							1*65
GRS40-105	GRS40-105-N	GRS40-105-B	60				105							1*50
GRS40-130	GRS40-130-N	GRS40-130-B	75				130							1*75
GRS40-155	GRS40-155-N	GRS40-155-B	90				155							2*50
GRS40-180	GRS40-180-N	GRS40-180-B	105				180							1*75
GRS40-205	GRS40-205-N	GRS40-205-B	130				205							2*75

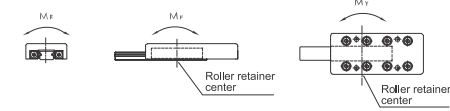
Ordering Example :	GRS	30	25	N
	S type table	Table width	Table length	Antitrust



Material specification

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

GRS-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)	
M1	Q ₂	N*P ₃				M _R (N·m)	M _P (N·m)	M _V (N·m)	Standard	Antitrust	Center parallelism	Side parallelism
M2.6	5	2*7.5	379	576	192	1.4	1.2	1.4	0.01	0.02	4	
		2*10	523	865	288	2.2	2.6	3.0	0.02	0.03		
		3*10	657	1,153	384	2.9	4.6	5.2	0.03	0.05		
		4*10	783	1,441	480	3.6	7.2	7.9	0.03	0.06		
		5*10	903	1,729	576	4.3	10.4	11.2	0.04	0.07		
		6*10	1,131	2,306	769	5.8	18.4	17.3	0.05	0.08		
		7*10	1,240	2,594	865	6.5	23.3	22.0	0.05	0.09		
M3	7.5	1*20	895	1,170	390	5.1	3.1	3.9	0.05	0.05	4	
		2*15	1,552	2,339	780	10.1	12.5	10.9	0.07	0.12		
		3*15	1,849	2,924	975	12.7	19.5	17.5	0.10	0.16		
		4*15	2,134	3,509	1,170	15.2	28.1	30.4	0.12	0.19		
		5*15	2,407	4,093	1,364	17.7	38.2	40.9	0.14	0.23		
		6*15	2,930	5,263	1,754	22.8	63.2	59.6	0.16	0.27		
		7*15	3,181	5,848	1,949	25.3	78.0	74.1	0.18	0.30		
M4	10	1*35	2,901	4,567	1,522	26.5	22.8	26.6	0.15	0.24	2	
		2*25	4,338	7,611	2,537	44.1	63.4	57.1	0.22	0.35		
		3*25	5,646	10,655	3,552	61.8	124.3	115.4	0.29	0.46		
		4*25	6,268	12,178	4,059	70.6	162.4	172.5	0.36	0.58		
		5*25	7,462	15,222	5,074	88.3	259.7	266.4	0.42	0.69		
		6*25	8,603	18,266	6,089	105.9	365.3	350.1	0.49	0.80		
		7*25	9,157	19,789	6,596	114.8	428.8	445.2	0.56	0.91		
M4	15	1*35	2,901	4,567	1,522	26.5	22.8	26.6	0.15	0.24	3	
		2*25	4,338	7,611	2,537	44.1	63.4	57.1	0.22	0.35		
		3*25	5,646	10,655	3,552	61.8	124.3	115.4	0.29	0.46		
		4*25	6,268	12,178	4,059	70.6	162.4	172.5	0.36	0.58		
		5*25	7,462	15,222	5,074	88.3	259.7	266.4	0.42	0.69		
		6*25	8,603	18,266	6,089	105.9	365.3	350.1	0.49	0.80		
		7*25	9,157	19,789	6,596	114.8	428.8	445.2	0.56	0.91		