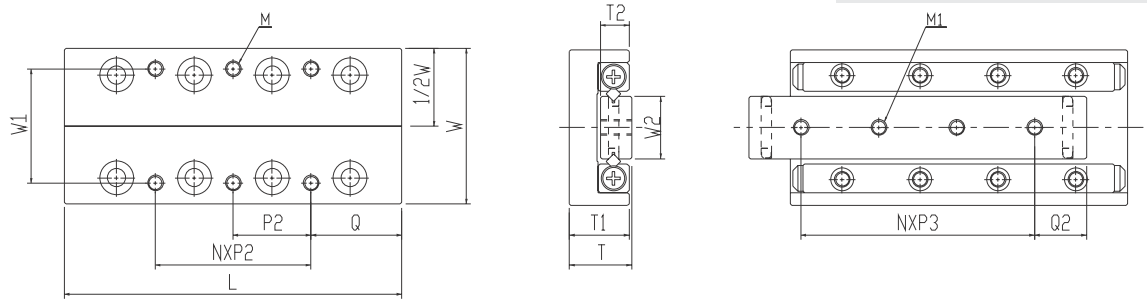
GRS / GRS - N / GRS - B



Model No.			Max. Stroke (mm)	Roller Dia. (mm)	Main Dimensions (mm)						Table Mounting Dimensions (mm)			
Standard	Antirust	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	3.5	1*18
GRS20-35	GRS20-35-N	GRS20-35-B	18				35							2*28
GRS20-45	GRS20-45-N	GRS20-45-B	25				45						12.5	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						22.5	1*30
GRS20-85	GRS20-85-N	GRS20-85-B	50				85						12.5	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	3.5	1*28
GRS30-50	GRS30-50-N	GRS30-50-B	30				50							1*43
GRS30-65	GRS30-65-N	GRS30-65-B	40				65						17.5	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						32.5	1*45
GRS30-125	GRS30-125-N	GRS30-125-B	80				125						17.5	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	7.5	1*40
GRS40-80	GRS40-80-N	GRS40-80-B	45				80							1*65
GRS40-105	GRS40-105-N	GRS40-105-B	60				105						27.5	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						52.5	1*75
GRS40-205	GRS40-205-N	GRS40-205-B	130				205						27.5	2*75

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

site : www.1OBC.com

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تلفن : (021) 33913364 - 33951660

فکس : (021) 33985603

Linear Motion Component ▶ Guides & Bearirgs ▶ Slide Table

GRS / GRS - N / GRS - B

GRS

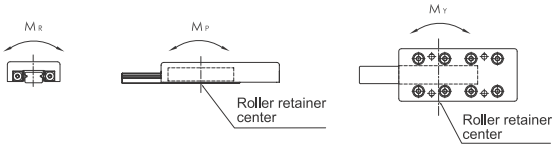
GRS-N

GRS-B

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)	Allow-Able 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_Y (N·m)	Standard	Antirust	Center Parallelism	Side Parallelism
M2.6	5	2*7.5	379	576	192	1.4	1.2	1.4	0.01	0.02	2	4
	7.5	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		5
		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	2	4
	10	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		5
		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	5
	15	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	3	
		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		