



Specification

Model no.		Max. stroke (mm)	Main dimensions (mm)						Retainer dimensions (mm)					
Standard	Antirust		H	T	W	L	n*p	L1	L2	ØD	L3	R	P1	P2
GRV03-50	GRV03-50-S	34	18	8	8.3	50	1*25	12.5	2	Ø3	36.4	7	3.2	5
GRV03-75	GRV03-75-S	54				75	2*25				51.4	10		
GRV03-100	GRV03-100-S	74				100	3*25				66.4	13		
GRV03-125	GRV03-125-S	104				125	4*25				76.4	15		
GRV03-150	GRV03-150-S	124				150	5*25				91.4	18		
GRV03-175	GRV03-175-S	144				175	6*25				106.4	21		
GRV03-200	GRV03-200-S	164				200	7*25				121.4	24		
GRV03-225	GRV03-225-S	184				225	8*25				136.4	27		
GRV03-250	GRV03-250-S	204				250	9*25				151.4	30		
GRV03-275	GRV03-275-S	224				275	10*25				166.4	33		
GRV03-300	GRV03-300-S	244				300	11*25				181.4	36		
GRV04-80	GRV04-80-S	54				22	11				10	80		
GRV04-120	GRV04-120-S	92	120	2*40	78.6			11						
GRV04-160	GRV04-160-S	130	160	3*40	99.6			14						
GRV04-200	GRV04-200-S	154	200	4*40	127.6			18						
GRV04-240	GRV04-240-S	192	240	5*40	148.6			21						
GRV04-280	GRV04-280-S	230	280	6*40	169.6			24						
GRV04-320	GRV04-320-S	254	320	7*40	197.6			28						
GRV04-360	GRV04-360-S	292	360	8*40	218.6			31						
GRV04-400	GRV04-400-S	330	400	9*40	239.6			34						
GRV04-440	GRV04-440-S	354	440	10*40	267.6			38						
GRV04-480	GRV04-480-S	392	480	11*40	288.6			41						

Ordering Example :	GR	V	03	75	S	P
	Roller	V rail	Roller dia.	Rail length	Antirust	Precision Level



Material specification

Material Model no.	Component	Rail	Roller	Retainer
GRV		SUJ2		SUS304
GRV - S		SUS440C +Ni	SUS440C	

GRV-S No Surface finished to V-groove surface of the rail.

Mounting dimensions (mm)					Load per roller			Weight (g) / 2 pieces	
A	M	d1	d2	B	Basic dynamic load rating	Basic static load rating	Allowable load	Standard	Antirust
3.5	M4	3.3	6	3.1	638N/1pcs	761N/1pcs	254N/1pcs	46	49
								68	73
								90	97
								112	120
								134	144
								157	168
								179	191
								201	215
								223	239
								245	262
								267	286
								4.5	M5
180	193								
238	254								
296	317								
355	380								
413	442								
472	505								
530	568								
589	631								
647	694								
706	756								