



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
GRV06-100	GRV06-100-S	80	31	15	14	100	1*50	25	2	Ø6	64.8	7	5.4	9
GRV06-150	GRV06-150-S	108				150	2*50				100.8	11		
GRV06-200	GRV06-200-S	154				200	3*50				127.8	14		
GRV06-250	GRV06-250-S	200				250	4*50				154.8	17		
GRV06-300	GRV06-300-S	246				300	5*50				181.8	20		
GRV06-350	GRV06-350-S	274				350	6*50				217.8	24		
GRV06-400	GRV06-400-S	320				400	7*50				244.8	27		
GRV06-450	GRV06-450-S	366				450	8*50				271.8	30		
GRV06-500	GRV06-500-S	412				500	9*50				298.8	33		
GRV06-550	GRV06-550-S	458				550	10*50				325.8	36		
GRV06-600	GRV06-600-S	486				600	11*50				361.8	40		
GRV09-200	/	158				44	22				20.2	200		
GRV09-300	/	246	300	2*100	186.0			13						
GRV09-400	/	306	400	3*100	256.0			18						
GRV09-500	/	394	500	4*100	312.0			22						
GRV09-600	/	482	600	5*100	368.0			26						
GRV09-700	/	570	700	6*100	424.0			30						
GRV09-800	/	658	800	7*100	480.0			34						
GRV09-900	/	746	900	8*100	536.0			38						
GRV09-1000	/	806	1000	9*100	606.0			43						
GRV09-1100	/	894	1100	10*100	662.0			47						
GRV09-1200	/	982	1200	11*100	718.0			51						
GRV12-200	/	160	58	28	26.9			200	1*100	50		3.5	Ø12	130.0
GRV12-300	/	216				300	2*100	202.0	11					
GRV12-400	/	308				400	3*100	256.0	14					
GRV12-500	/	400				500	4*100	310.0	17					
GRV12-600	/	492				600	5*100	364.0	20					
GRV12-700	/	548				700	6*100	436.0	24					
GRV12-800	/	640				800	7*100	490.0	27					
GRV12-900	/	732				900	8*100	544.0	30					
GRV12-1000	/	824				1000	9*100	598.0	33					
GRV12-1100	/	916				1100	10*100	652.0	36					
GRV12-1200	/	972				1200	11*100	724.0	40					

Ordering Example :	GR	V	06	200	S	P
	Roller	V rail	Roller dia.	Rail length	Antirust	Precision Level



Material specification

Material 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
6	M6	5.3	9.5	5.2	2570N/1pcs	2632N/1pcs	877N/1pcs	287	311
								435	466
								577	618
								721	773
								864	925
								1006	1078
								1150	1232
								1292	1385
								1436	1539
								1579	1691
								1273	1846
								1267	/
9	M8	6.8	10.5	6.2	7190N/1pcs	7274N/1pcs	2425N/1pcs	1891	/
								2509	/
								3133	/
								3756	/
								4628.1	/
								4915.2	/
								5525.3	/
								6140.9	/
								6751.1	/
								7361.2	/
								2114	/
								3161	/
12	M10	8.5	13.5	8.2	14700N/1pcs	13187N/1pcs	4396N/1pcs	4195	/
								5242	/
								6276	/
								7734.8	/
								8829.2	/
								9261.2	/
								10281.7	/
								11302.3	/
								12336.4	/