



Specification

Model no.	Max. stroke (mm)	Main dimensions (mm)							Retainer dimensions (mm)					
		H	T	W	L	n*p	L1	L2	ØD	L3	R	P1	P2	
GRVP01-20	8.4	8.5	4	3.9	20	1*10	5	1.3	Ø1.5	15.8	5	1.9	3	
GRVP01-30	16.4				30	2*10				21.8	7			
GRVP01-40	24.4				40	3*10				27.8	9			
GRVP01-50	32.4				50	4*10				33.8	11			
GRVP01-60	40.4				60	5*10				39.8	13			
GRVP01-70	48.4				70	6*10				45.8	15			
GRVP01-80	56.4	80	7*10	51.8	17									
GRVP02-30	16.8	12	6	5.5	30	1*15	7.5	1.5	Ø2	21.6	5	2.8	4	
GRVP02-45	22.8				45	2*15				33.6	8			
GRVP02-60	36.8				60	3*15				41.6	10			
GRVP02-75	50.8				75	4*15				49.6	12			
GRVP02-90	64.8				90	5*15				57.6	14			
GRVP02-105	78.8				105	6*15				65.6	16			
GRVP02-120	92.8				120	7*15				73.6	18			
GRVP02-135	98.8				135	8*15				81.6	20			
GRVP02-150	112.8				150	9*15				89.6	22			
GRVP02-165	126.8				165	10*15				97.6	24			
GRVP02-180	140.8	180	11*15	105.6	26									
GRVP03-50	27.2	18	8	8.3	50	1*25	12.5	2	Ø3	36.4	7	3.2	5	
GRVP03-75	47.2				75	2*25				51.4	10			
GRVP03-100	67.2				100	3*25				66.4	13			
GRVP03-125	97.2				125	4*25				76.4	15			
GRVP03-150	117.2				150	5*25				91.4	18			
GRVP03-175	137.2				175	6*25				106.4	21			
GRVP03-200	157.2				200	7*25				121.4	24			
GRVP03-225	177.2				225	8*25				136.4	27			
GRVP03-250	197.2				250	9*25				151.4	30			
GRVP03-275	217.2				275	10*25				166.4	33			
GRVP03-300	237.2				300	11*25				181.4	36			

Ordering Example :	GR	V	P	06	100	P
	Roller	V rail	POM Retainer	Roller dia.	Rail length	Precision Level



Material specification

Material Component	Rail	Roller	Retainer
Model no.	SUJ2		POM

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
1.8	M2	1.65	3	1.4	125N/1pcs	144N/1pcs	48N/1pcs	4.0
								6.0
								8.0
								10.0
								12.0
								14.0
2.5	M3	2.55	4.4	2	293N/1pcs	292N/1pcs	97N/1pcs	16.0
								13.0
								20.0
								26.0
								32.0
								39.0
								45.0
								51.0
								58.0
								64.0
3.5	M4	3.3	6	3.1	638N/1pcs	761N/1pcs	254N/1pcs	77.0
								46.0
								68.0
								90.0
								112.0
								134.0
								157.0
								179.0
								201.0
								223.0
245.0								
267.0								