



Specification

Model no.	Max. stroke (mm)	Main dimensions (mm)						Retainer dimensions (mm)					
		H	T	W	L	n*p	L1	L2	ØD	L3	B	P1	P2
GBV03-50	34	18	8	8.3	50	1*25	12.5	2	Ø3	35.7	7	2.86	5
GBV03-75	54				75	2*25				50.7	10		
GBV03-100	74				100	3*25				65.7	13		
GBV03-125	104				125	4*25				75.7	15		
GBV03-150	124				150	5*25				90.7	18		
GBV03-175	144				175	6*25				105.7	21		
GBV03-200	164				200	7*25				120.7	24		
GBV03-225	184				225	8*25				135.7	27		
GBV03-250	204				250	9*25				150.7	30		
GBV03-275	224				275	10*25				165.7	33		
GBV03-300	244	300	11*25	180.7	36								
GBV04-80	54	22	11	10	80	1*40	20	2	Ø4	56.8	8	3.9	7
GBV04-120	92				120	2*40				77.8	11		
GBV04-160	130				160	3*40				98.8	14		
GBV04-200	154				200	4*40				126.8	18		
GBV04-240	192				240	5*40				147.8	21		
GBV04-280	230				280	6*40				168.8	24		
GBV04-320	254				320	7*40				196.8	28		
GBV04-360	292				360	8*40				217.8	31		
GBV04-400	330				400	9*40				238.8	34		
GBV04-440	354				440	10*40				266.8	38		
GBV04-480	392	480	11*40	287.8	41								

Ordering Example :	GB	V	03	75	P
	Ball	V rail	Ball dia.	Rail length	Precision Level



Material specification

Material Component	Rail	Ball bearing	Retainer
Model no.			
GBV		SUJ2	Phosphor bronze (C5191)

Mounting dimensions (mm)					Load per ball bearing			Weight (g) / 2 pieces
A	M	d1	d2	b	Basic dynamic load rating	Basic static load rating	Allowable load	Standard
3.5	M4	3.3	6	3.1	26.5N/1pcs	84N/1pcs	28N/1pcs	46
								68
								90
								112
								134
								156
								178
								200
								222
								244
266								
4.5	M5	4.3	7.5	4.1	43N/1pcs	148N/1pcs	49.3N/1pcs	121
								179
								237
								295
								353
								411
								470
								528
								586
								645
703								