



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
GBV01-20	13	8.5	4	3.9	20	1*10	5	1.3	Ø1.5	15.5	5	1.75	3
GBV01-30	21				30	2*10				21.5	7		
GBV01-40	29				40	3*10				27.5	9		
GBV01-50	37				50	4*10				33.5	11		
GBV01-60	45				60	5*10				39.5	13		
GBV01-70	53				70	6*10				45.5	15		
GBV01-80	61				80	7*10				51.5	17		
GBV02-30	24	12	6	5.5	30	1*15	7.5	1.5	Ø2	20.6	5	2.3	4
GBV02-45	30				45	2*15				32.6	8		
GBV02-60	44				60	3*15				40.6	10		
GBV02-75	58				75	4*15				48.6	12		
GBV02-90	72				90	5*15				56.6	14		
GBV02-105	86				105	6*15				64.6	16		
GBV02-120	100				120	7*15				72.6	18		
GBV02-135	106				135	8*15				84.6	21		
GBV02-150	120				150	9*15				92.6	23		
GBV02-165	134				165	10*15				100.6	25		
GBV02-180	148				180	11*15				108.6	27		

Ordering Example :	GB	V	01	40	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
1.8	M2	1.65	3	1.4	7.6N/1pcs	21N/1pcs	7.0N/1pcs	4
								6
								8
								10
								12
								14
								16
2.5	M3	2.55	4.4	2	12N/1pcs	37N/1pcs	12.3N/1pcs	13
								20
								26
								32
								39
								45
								51
								58
								64
								70
								77