



Specification

Model no.	Max. stroke (mm)	Main dimensions (mm)									Retainer dimensions (mm)					
		H	T	L	n*p	W1	W2	L1	L2	N	ØD	L3	B	P1	P2	T1
GBD01-20	13	17	4	20	1*10	13.4	7.8	5	1.3	10	Ø1.5	15.5	5	1.75	3	0.5
GBD01-30	21			30	2*10							21.5	7			
GBD01-40	29			40	3*10							27.5	9			
GBD01-50	37			50	4*10							33.5	11			
GBD01-60	45			60	5*10							39.5	13			
GBD01-70	53			70	6*10							45.5	15			
GBD01-80	61			80	7*10							51.5	17			
GBD02-30	24	24	6	30	1*15	19	11	7.5	1.5	15	Ø2	20.6	5	2.3	4	0.5
GBD02-45	30			45	2*15							32.6	8			
GBD02-60	44			60	3*15							40.6	10			
GBD02-75	58			75	4*15							48.6	12			
GBD02-90	72			90	5*15							56.6	14			
GBD02-105	86			105	6*15							64.6	16			
GBD02-120	100			120	7*15							72.6	18			
GBD02-135	106			135	8*15							84.6	21			
GBD02-150	120			150	9*15							92.6	23			
GBD02-165	134			165	10*15							100.6	25			
GBD02-180	148	180	11*15	108.6	27											

Ordering Example :	GB	D	01	40	P
	Ball	D rail	Ball dia.	Rail length	Precision Level



Material specification

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

Mounting dimensions (mm)					Load per ball bearing			Weight (g) / 2 pieces
M	d1	d2	A	B	Basic dynamic load rating	Basic static load rating	Allowable load	Standard
M2	1.65	3	2 ^{+0.010} ₀	1.4	7.6N/1pcs	21N/1pcs	7.0N/1pcs	9
								13
								16
								20
								24
								28
								33
M3	2.55	4.4	3 ^{+0.010} ₀	2	12N/1pcs	37N/1pcs	12.3N/1pcs	27
								40
								53
								66
								78
								91
								104
								117
129								
142								
155								