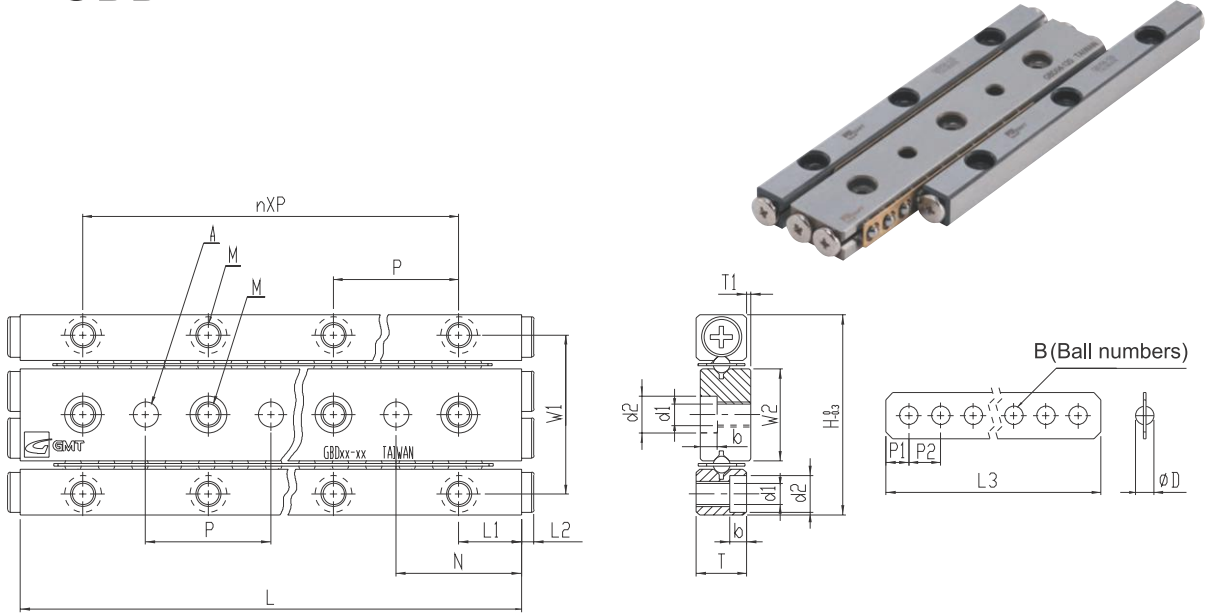


GBD



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 Ball	D D rail	01 Ball dia.	40 Rail length	P Precision Level
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Linear Motion Component ► Guides & Bearings ► Silde Rail Set

GBD



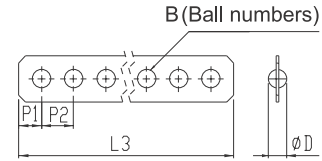
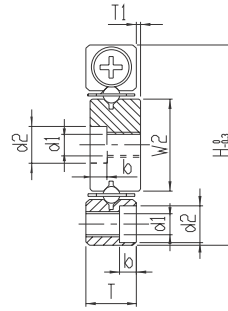
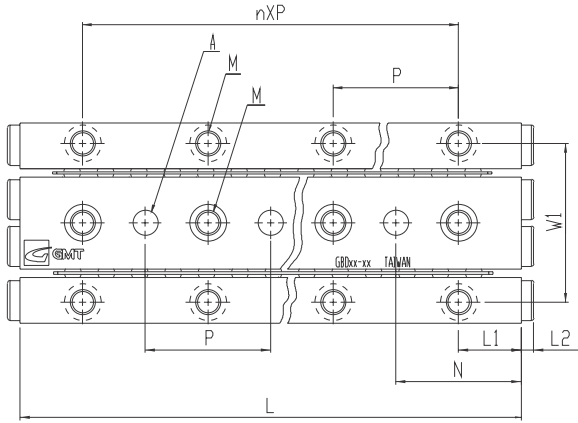
Material Specification

Material / Component / Model No.	Rail	Ball Bearing	Retainer
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/pcs	21N/pcs	7.0N/pcs	9
								13
								16
								20
								24
								28
								33
M3	2.55	4.4	$3^{+0.010}_0$	2	12N/pcs	37N/pcs	12.3N/pcs	27
								40
								53
								66
								78
								91
								104
								117
								129
								142
155								

Linear Motion Component ► Guides & Bearings ► Slide Rail Set

GBD



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
GBD03-50	34	36	8	50	1*25	29	16.6	12.5	2	25	Ø3	35.7	7	2.86	5	0.5
GBD03-75	54			75	2*25							50.7	10			
GBD03-100	74			100	3*25							65.7	13			
GBD03-125	104			125	4*25							75.7	15			
GBD03-150	124			150	5*25							90.7	18			
GBD03-175	144			175	6*25							105.7	21			
GBD03-200	164			200	7*25							120.7	24			
GBD03-225	184			225	8*25							135.7	27			
GBD03-250	204			250	9*25							150.7	30			
GBD03-275	224			275	10*25							165.7	33			
GBD03-300	244			300	11*25							180.7	36			
GBD04-80	54	44	11	80	1*40	35	20	20	2	40	Ø4	56.8	8	3.9	7	0.5
GBD04-120	92			120	2*40							77.8	11			
GBD04-160	130			160	3*40							98.8	14			
GBD04-200	154			200	4*40							126.8	18			
GBD04-240	192			240	5*40							147.8	21			
GBD04-280	230			280	6*40							168.8	24			
GBD04-320	254			320	7*40							196.8	28			
GBD04-360	292			360	8*40							217.8	31			
GBD04-400	330			400	9*40							238.8	34			
GBD04-440	354			440	10*40							266.8	38			
GBD04-480	392			480	11*40							287.8	41			

Ordering Example :

GB
Ball

D
D rail

03
Ball dia.

75
Rail length

P
Precision Level

GBD



Material Specification

Material / Component / Model No.	Rail	Ball Bearing	Retainer
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
M4	3.3	6	$4^{+0.012}_0$	3.1	26.5N/1pcs	84N/1pcs	28N/1pcs	94
								139
								183
								228
								272
								317
								361
								406
								450
								495
M5	4.3	7.5	$5^{+0.012}_0$	4.1	43N/1pcs	148N/1pcs	49.3N/1pcs	539
								247
								365
								483
								601
								720
								838
								957
								1076
								1194
1314								
1432								