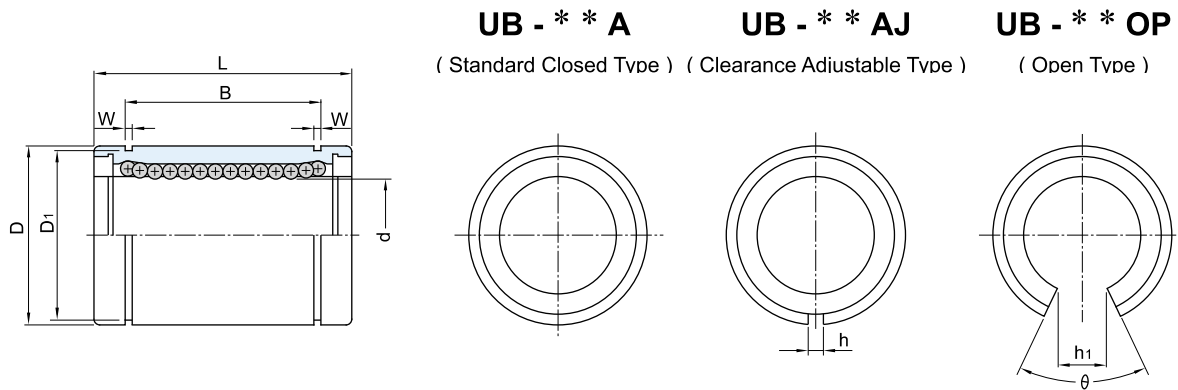


2

Configuration and Specifications

2-1 Metric Dimension

2-1-1 UB Series: Metric Dimension Series Used Most Frequently in Europe



Shaft Diameter d mm	Model						Major Dimensions and Tolerance										Load Capacity			
	Standard Closed Type	Ball Circuit	Clearance Adjustable Type	Ball Circuit	Open Type	Ball Circuit	d mm	Tolerance μm	D mm	Tolerance μm	L mm	Tolerance μm	B mm	Tolerance μm	W mm	D1 mm	h mm	h1 mm	θ	Basic Dynamic Load Rating C(N)
8	UB-08A	4	UB-08AJ	4	-	-	8	+8 0	16 0 -8	25	0 -200	16.5	0 -200	1.1	15.2	1	-	-	280	420
12	UB-12A	5	UB-12AJ	5	UB-12OP	4	12	0 -9	22	32		22.9		1.3	21	1.5	7	54°	640	950
16	UB-16A	5	UB-16AJ	5	UB-16OP	4	16	+9 -1	26	36	0 -200	24.9	0 -200	1.3	24.9	1.5	9.6	60°	720	1120
20	UB-20A	5	UB-20AJ	5	UB-20OP	4	20	0 -11	32	45		31.5		1.6	30.3	2	11.7	60°	920	1480
25	UB-25A	6	UB-25AJ	6	UB-25OP	5	25	+11 -1	40	58	0 -300	44.1	0 -300	1.85	37.5	2	12.5	60°	1070	1670
30	UB-30A	6	UB-30AJ	6	UB-30OP	5	30	0 -13	47	68		52.1		1.85	44.5	2	16.9	60°	1630	2850
40	UB-40A	6	UB-40AJ	6	UB-40OP	5	40	+13 -2	62	80	0 -300	60.6	0 -300	2.15	59	3	22	60°	2250	4200
50	UB-50A	6	UB-50AJ	6	UB-50OP	5	50	0 -13	75	100		77.6		2.65	72	3	21	50°	3950	8200

- Note:**
1. Linear bearing with single side wiper (UB.....W) or with double side wiper (UB.....WW) are available.
 2. 1 Kgf=9.81 N=2.2046 Lbf
 3. The tolerances stated above are valid for the "Standard Closed Type".