

Cam follower bearing ▶ Hexagon socket type . Cylindrical type / Spherical type Bolt type



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering

Model(①Code) — ②d — ③Seal ring
YUBAO — d3 — PP



Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation
Price Excluding Tax (¥/unit)



CAD 2D 3D

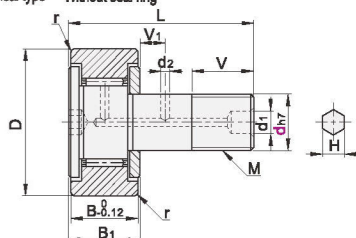
■ cylindrical type D tolerance:

D	tolerance
13~16	$\frac{0}{-0.008}$
19~30	$\frac{0}{-0.009}$
32~47	$\frac{0}{-0.011}$
52~80	$\frac{0}{-0.013}$
85~90	$\frac{0}{-0.015}$

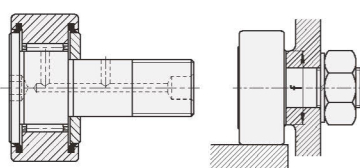
■ spherical type D tolerance: $\frac{0}{-0.05}$

Code	Type	Bearing Material	
		International	Equivalent
YUBAO	Imported Type	GCr15	SUJ2
YUBAP		9Cr18Mo	SUS440C
YUBCO		GCr15	SUJ2
YUBCP	Standard type	9Cr18Mo	SUS440C
YUCEO		GCr15	SUJ2
YUCEP		9Cr18Mo	SUS440C
YUCDO	Spherical type	GCr15	SUJ2
YUCDP		9Cr18Mo	SUS440C

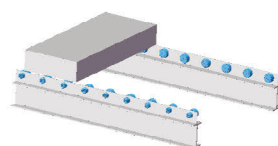
Cylindrical type Without seal ring



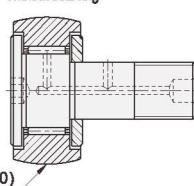
With seal ring



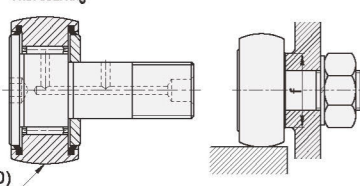
Example



Spherical type Without seal ring



With seal ring



R250(d3~d5)
R500(d6~d18)
R1000(d20~d30)

R250(d3~d5)
R500(d6~d18)
R1000(d20~d30)

① Please use the model with seal ring in an environment below 80°C.

Model	Seal ring	D	M × Pitch	B	B1	L	d1	d2	V	V1	H	r	f(min)
Code	d _{h7}												
Cylindrical type	3	0-0.012	10	M3×0.5	7	8	17		5		2(1.5)	0.3	6.8
	4		12	M4×0.7	8	9	20		6		2.5(2)		8.6
	5		13	M5×0.8	9	10	23		7.5		3(2.5)	0.5	9.7
	6		16	M6×1.0			28		9		3		11
	8		19	M8×1.25	11	12	32	—	11	—	4		13
	10	0-0.015	22	M10×1.25									
	10C			M10×1.0									
	10A		26	M10×1.25	12	13	36		13		5	1	15
	10D			M10×1.0									
	12		30	M12×1.5	14	15	40						
Spherical type	12A	0-0.018	32	M12×1.5	14	15	40		14	6			20
	16		35	M16×1.5	18	19.5	52	6	3	18	6		24
	18		40	M18×1.5	20	21.5	58		20	8		1.5	26
	20		52	M20×1.5	24	25.5	66		22	9			36
	20A		47	M20×1.5	24	25.5	66		22	9			36
	24	0-0.021	62	M24×1.5	29	30.5	80	8	4	25	11	8	40
	24A		72	M24×1.5	29	30.5	80		25	11			
	30		80										
	30A		85	M30×1.5	35	37	100		32	15		2	46
	30B		90										

① d10C and d10D are only applicable to YUCEO/DO

② The H value in parentheses is for the stainless steel type

③ YUCEP/DP is only applicable to the d3~d20A specification

④ d5~d10 There is no lubricating hole processed at d1, so lubrication cannot be replenished.

Model	Basic Rated Load				Maximum allowable load		Track surface load capacity		Limiting speed		Weight	
Code	d	With cage C(kN) Co(kN)	Full needle roller C(kN) Co(kN)		allowable load Fo(kN)		Cylindrical outer ring kN	Spherical outer ring kN	With cage min ⁻¹	Full needle roller min ⁻¹	With cage g	Full needle roller g
Cylindrical type	3	1.47	1.18		0.36	1.37	0.37	47000			4.5	5
	4	2.06	2.05		0.78	1.76	0.47	37000			7.5	8
	5	3.14	2.77		1.42	2.25	0.53	29000			10.5	11
	6	3.59	3.58	6.94	2.11	3.43	1.08	25000	11000		18.5	19
	8	4.17	4.65	8.13	4.73	4.02	1.37	20000	8700		28.5	29
	10					4.7	1.67				45	46
	10C										45	46
	10A	5.33	6.78	9.42	5.81	5.49	2.06	17000	7200		60	61
	10D										60	61
	12	7.87	9.79	13.4	9.37	7.06	2.45	14000	5800		95	97
Spherical type	12A					7.45	2.74				105	107
	16	12	18.3	20.6	17.3	11.2	3.14	10000	4500		170	173
	18	14.7	25.2	25.2	26.1	14.4	3.72	8500	3800		250	255
	20					23.2	8.23				460	465
	20A	20.7	34.8	33.2	64.8	32.1	7.15	7000	3400		385	390
	24					34.2	10.5				815	820
	24A	30.6	53.2	46.7	92.9	39.8	12.9	6500	2900		1140	1140
	30					52.6	14.9				1870	1870
	30A					56	16.1				2030	2030
	30B	45.4	87.6	67.6	145	59.3	17.3	5000	2300		2220	2220

① The limiting speed values in the above table apply to models without seal rings and lubricated with grease. Models using oil lubrication allow an upper limit of 130% of the above values; models with seal rings allow an upper limit of 70% of the above values.