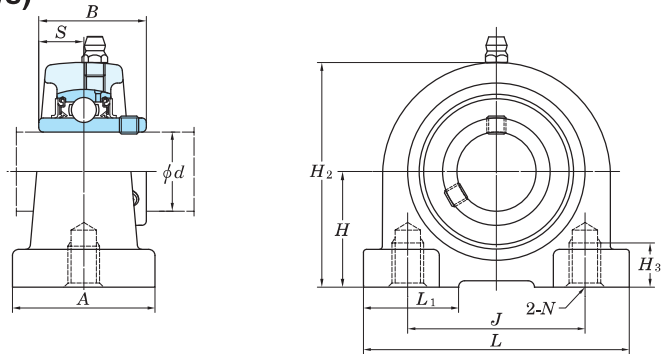


UCPA
Cylindrical bore (with set screws)
d 12 ~ 50 mm



Variations of tolerance of distance from mounting bottom to center of spherical bore (ΔH_s) and variations of tolerance of distance between centers of bolt holes (ΔJ_s)

Unit: mm		
Housing No.	ΔH_s	ΔJ_s
PA204-PA210	±0.15	±0.5

Shaft Dia. mm inch		Dimensions inch mm										Unit No.	Housing No.	Bearing No.		Basic Load Ratings kN		Fatigue Load Limit kN	Factor f_0	Mass kg
d		H	L	A	J	N	H_2	H_3	L_1	B	S					C_r	C_{0r}	C_u		
12	$\frac{1}{2}$											UCPA201		UC201						0.64
15	$\frac{5}{8}$	$1\frac{3}{16}$	3	$1\frac{9}{16}$	$2\frac{3}{64}$	M10×1.5	$2\frac{3}{8}$	$\frac{1}{2}$	$1\frac{1}{16}$	1.220	0.500	UCPA201-8	PA204	UC201-8		12.8	6.65	0.302	13.2	0.62
17	$\frac{3}{4}$	30.2	76	40	52		60	13	27	31	12.7	UCPA202		UC202						0.61
20												UCPA202-10		UC202-10						
												UCPA203		UC203						
												UCPA204-12		UC204-12						
												UCPA204		UC204						0.59
25	$\frac{7}{8}$ $\frac{15}{16}$	$1\frac{7}{16}$	$3\frac{5}{16}$	$1\frac{25}{32}$	$2\frac{13}{64}$	M10×1.5	$2\frac{25}{32}$	$\frac{1}{2}$	$1\frac{3}{16}$	1.343	0.563	UCPA205-14	PA205	UC205-14		14.0	7.85	0.357	13.9	0.83
	1	36.5	84	45	56		71	13	30	34.1	14.3	UCPA205-15		UC205-15						
												UCPA205		UC205						
												UCPA205-16		UC205-16						
30	$1\frac{1}{8}$	$1\frac{11}{16}$	$3\frac{11}{16}$	$1\frac{31}{32}$	$2\frac{19}{32}$	M14×2	$3\frac{5}{16}$	$\frac{23}{32}$	$1\frac{13}{32}$	1.500	0.626	UCPA206-18	PA206	UC206-18		19.5	11.3	0.514	13.9	1.2
	$1\frac{3}{16}$	42.9	94	50	66		84	18	36	38.1	15.9	UCPA206		UC206						
	$1\frac{1}{4}$											UCPA206-19		UC206-19						
												UCPA206-20		UC206-20						
35	$1\frac{1}{4}$ $1\frac{5}{16}$ $1\frac{3}{8}$	$1\frac{7}{8}$	$4\frac{11}{32}$	$2\frac{5}{32}$	$3\frac{5}{32}$	M14×2	$3\frac{21}{32}$	$\frac{25}{32}$	$1\frac{5}{8}$	1.689	0.689	UCPA207-20	PA207	UC207-20		25.7	15.4	0.700	13.9	1.7
	$1\frac{5}{16}$	47.6	110	55	80		93	20	41	42.9	17.5	UCPA207-21		UC207-21						
	$1\frac{3}{8}$											UCPA207-22		UC207-22						
	$1\frac{7}{16}$											UCPA207		UC207						
												UCPA207-23		UC207-23						
40	$1\frac{1}{2}$ $1\frac{9}{16}$	$1\frac{15}{16}$	$4\frac{9}{16}$	$2\frac{9}{32}$	$3\frac{5}{16}$	M14×2	$3\frac{27}{32}$	$\frac{25}{32}$	$1\frac{5}{8}$	1.937	0.748	UCPA208-24	PA208	UC208-24		29.1	17.8	0.809	14.0	2.0
	$1\frac{9}{16}$	49.2	116	58	84		98	20	41	49.2	19	UCPA208-25		UC208-25						
												UCPA208		UC208						
45	$1\frac{5}{8}$ $1\frac{11}{16}$ $1\frac{3}{4}$	$2\frac{9}{64}$	$4\frac{23}{32}$	$2\frac{3}{8}$	$3\frac{35}{64}$	M14×2	$4\frac{3}{16}$	$\frac{31}{32}$	$1\frac{21}{32}$	1.937	0.748	UCPA209-26	PA209	UC209-26		34.1	21.3	0.968	14.0	2.2
	$1\frac{11}{16}$	54.2	120	60	90		106	25	42	49.2	19	UCPA209-27		UC209-27						
	$1\frac{3}{4}$											UCPA209-28		UC209-28						
												UCPA209		UC209						
50	$1\frac{7}{8}$ $1\frac{15}{16}$ 2	$2\frac{1}{4}$	$5\frac{1}{8}$	$2\frac{17}{32}$	$3\frac{45}{64}$	M16×2	$4\frac{7}{16}$	$\frac{31}{32}$	$1\frac{27}{32}$	2.031	0.748	UCPA210-30	PA210	UC210-30		35.1	23.3	1.06	14.4	2.8
	$1\frac{15}{16}$	57.2	130	64	94		113	25	47	51.6	19	UCPA210-31		UC210-31						
	2											UCPA210		UC210						
												UCPA210-32		UC210-32						

Remarks 1. In Part No. of unit, fitting codes follow bore diameter codes. (See **Table 2.5** in P.11.)
2. Part No. of the applicable grease nipple is A-1/4-28UNF.
3. As for the triple-lip seal type product (from 201 to 205 are the double-lip seal type products), supplementary code L3 (or L2) follows Part No. of unit or bearing. (Example of Part No. : UCPA206JL3, UC206L3)

4. As for the dimensions and forms of applicable bearings, see the dimensional tables of insert bearing for unit.
5. Tapered bore (with adapter) type products are also available. (Example of Part No. : UKPA205J + H2305X, UK205 + H2305X)
6. Housings of spheroidal graphite iron casting are also available.