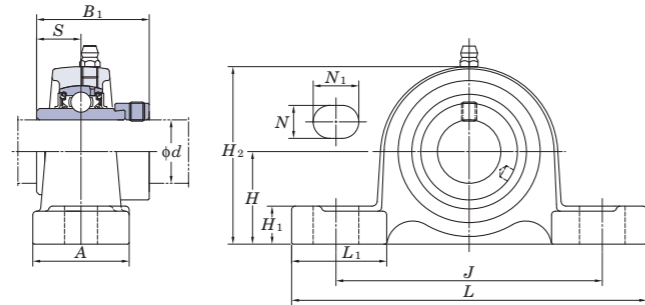


**NAP**  
Cylindrical bore  
(with eccentric locking collar)  
 $d$  12 ~ 75 mm



Variations of tolerance of distance from mounting bottom to center of spherical bore ( $\Delta H_2$ )

Housing No.	Unit: mm $\Delta H_2$
P203~P210	$\pm 0.15$
P211~P215	$\pm 0.2$

Shaft Dia. mm inch $d$	Dimensions inch mm											Bolt Size inch mm	Unit No.	Housing No.	Bearing No.	Basic Load Ratings kN		Factor $f_0$	Mass kg	
	$H$	$L$	$A$	$J$	$N$	$N_1$	$H_1$	$H_2$	$L_1$	$B_1$	$S$					$C_r$	$C_{0r}$			
12 15 17	$1/2$	$1^{3/16}$	5	$1^{1/2}$	$3^{3/4}$	$1/2$	$2^{3/32}$	$5/8$	$2^{3/8}$	$1^{13/32}$	1.720	0.673	$3/8$	NAP201 NAP201-8 NAP202 NAP202-10 NAP203	P203	NA201 NA201-8 NA202 NA202-10 NA203	12.8	6.65	13.2	0.71
	$5/8$	30.2	127	38	95	13	18	16	60	36	43.7	17.1	M10							0.69
20	$3/4$	$1^{5/16}$	5	$1^{1/2}$	$3^{3/4}$	$1/2$	$2^{3/32}$	$5/8$	$2^{9/16}$	$1^{13/32}$	1.720	0.673	$3/8$	NAP204-12 NAP204	P204	NA204-12 NA204	12.8	6.65	13.2	0.73
	$7/8$	33.3	127	38	95	13	18	16	65	36	43.7	17.1	M10							0.73
25	$15/16$	$1^{7/16}$	$5^{1/2}$	$1^{1/2}$	$4^{1/8}$	$1/2$	$2^{3/32}$	$5/8$	$2^{3/4}$	$1^{1/2}$	1.748	0.689	$3/8$	NAP205-14 NAP205-15 NAP205 NAP205-16	P205	NA205-14 NA205-15 NA205 NA205-16	14.0	7.85	13.9	0.87
	1	36.5	140	38	105	13	18	16	70	38	44.4	17.5	M10							0.87
30	$1^{1/8}$	$1^{11/16}$	$6^{1/2}$	$1^{7/8}$	$4^{3/4}$	$2^{1/32}$	$1^{3/16}$	$2^{1/32}$	$3^{5/16}$	$1^{7/8}$	1.906	0.720	$1/2$	NAP206-18 NAP206 NAP206-19 NAP206-20	P206	NA206-18 NA206 NA206-19 NA206-20	19.5	11.3	13.9	1.4
	$1^{3/16}$	42.9	165	48	121	17	21	17	84	48	48.4	18.3	M14							1.4
35	$1^{1/4}$	$1^{5/16}$	$6^{9/16}$	$1^{7/8}$	5	$2^{1/32}$	$1^{3/16}$	$2^{3/32}$	$3^{3/4}$	$1^{27/32}$	2.012	0.740	$1/2$	NAP207-20 NAP207-21 NAP207-22 NAP207 NAP207-23	P207	NA207-20 NA207-21 NA207-22 NA207 NA207-23	25.7	15.4	13.9	1.8
	$1^{5/16}$	47.6	167	48	127	17	21	18	95	47	51.1	18.8	M14							1.8
40	$1^{1/2}$	$1^{15/16}$	$7^{1/4}$	$2^{1/8}$	$5^{13/32}$	$2^{1/32}$	$1^{3/16}$	$2^{3/32}$	$3^{27/32}$	$2^{3/32}$	2.217	0.843	$1/2$	NAP208-24 NAP208-25 NAP208	P208	NA208-24 NA208-25 NA208	29.1	17.8	14.0	2.1
	$1^{9/16}$	49.2	184	54	137	17	21	18	98	53	56.3	21.4	M14							2.1
45	$1^{5/8}$	$2^{1/8}$	$7^{15/32}$	$2^{1/8}$	$5^{3/4}$	$2^{1/32}$	$1^{3/16}$	$2^{5/32}$	$4^{3/16}$	$2^{5/32}$	2.217	0.843	$1/2$	NAP209-26 NAP209-27 NAP209-28 NAP209	P209	NA209-26 NA209-27 NA209-28 NA209	34.1	21.3	14.0	2.4
	$1^{11/16}$	54	190	54	146	17	21	20	106	55	56.3	21.4	M14							2.4
50	$1^{7/8}$	$2^{1/4}$	$8^{1/8}$	$2^{3/8}$	$6^{1/4}$	$2^{5/32}$	$7/8$	$1^{3/16}$	$4^{7/16}$	$2^{3/8}$	2.469	0.969	$5/8$	NAP210-30 NAP210-31 NAP210 NAP210-32	P210	NA210-30 NA210-31 NA210 NA210-32	35.1	23.3	14.4	3.1
	$1^{15/16}$	57.2	206	60	159	20	22	21	113	60	62.7	24.6	M16							3.1
55	2	$2^{1/2}$	$8^{5/8}$	$2^{3/8}$	$6^{23/32}$	$2^{5/32}$	$7/8$	$2^{9/32}$	$4^{29/32}$	$2^{9/16}$	2.811	1.094	$5/8$	NAP211-32 NAP211-34 NAP211 NAP211-35	P211	NA211-32 NA211-34 NA211 NA211-35	43.4	29.4	14.4	3.9
	$2^{1/8}$	63.5	219	60	171	20	22	23	125	65	71.4	27.8	M16							3.9
60	$2^{3/16}$	$2^{3/4}$	$9^{1/2}$	$2^{3/4}$	$7^{1/4}$	$2^{5/32}$	$3^{1/32}$	$3^{1/32}$	$5^{7/16}$	$2^{7/8}$	3.063	1.220	$5/8$	NAP212-36 NAP212 NAP212-38 NAP212-39	P212	NA212-36 NA212 NA212-38 NA212-39	52.4	36.2	14.4	5.2
	$2^{1/4}$	69.8	241	70	184	20	25	25	138	73	77.8	31	M16							5.2
65	$2^{1/2}$	3	$10^{7/16}$	$2^{3/4}$	8	$3^{1/32}$	$1^{3/16}$	$1^{1/16}$	$5^{29/32}$	$3^{1/16}$	3.374	1.343	$3/4$	NAP213-40 NAP213	P213	NA213-40 NA213	57.2	40.1	14.4	6.5
	$2^{3/8}$	76.2	265	70	203	25	30	27	150	78	85.7	34.1	M20							6.5
70	$2^{3/4}$	$3^{1/8}$	$10^{15/32}$	$2^{27/32}$	$8^{9/32}$	$3^{1/32}$	$1^{3/16}$	$1^{1/16}$	$6^{3/16}$	$2^{15/16}$	3.374	1.343	$3/4$	NAP214-44 NAP214	P214	NA214-44 NA214	62.2	44.1	14.5	7.7
	$2^{7/16}$	79.4	266	72	210	25	30	27	157	75	85.7	34.1	M20							7.7
75	$2^{15/16}$	$3^{1/4}$	$10^{13/16}$	$2^{29/32}$	$8^{17/32}$	$3^{1/32}$	$1^{3/16}$	$1^{3/32}$	$6^{3/8}$	$3^{1/16}$	3.626	1.469	$3/4$	NAP215-47 NAP215	P215	NA215-47 NA215	67.4	48.3	14.5	7.9
	$2^{1/2}$	82.6	275	74	217	25	30	28	162	78	92.1	37.3	M20							7.9

Remarks 1. In Part No. of unit, fitting codes follow bore diameter numbers. (See Table 10.5 in P.62.)  
2. Part No. of applicable grease fittings are shown below.  
A-1/4-28UNF ..... 201~210  
A-R1/8 ..... 211~215

3. As for the triple seal type product (from 201 to 205 are the double seal type products), suffix code L3 (or L2) follows the Part No. of unit or bearing. (Example of Part No.: NAP206JL3, NA206L3)  
4. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.  
5. Representative examples of the forms of housing are indicated.  
6. Housings of nodular graphite cast iron are also available.