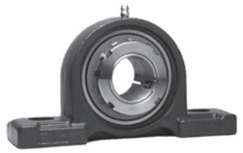
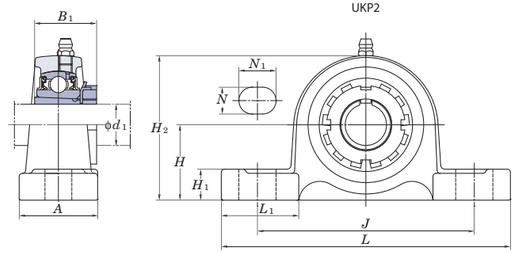
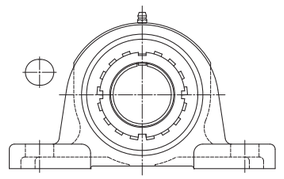
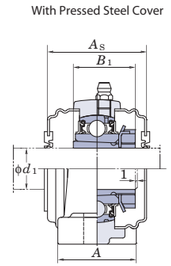
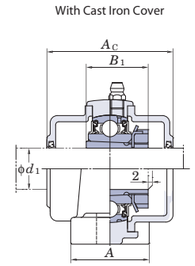
UKP
Tapered bore (with adapter)
d_1 20 ~ (50) mm









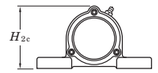


Variations of tolerance of distance from mounting bottom to center of spherical bore (Δ_{Hs})

Unit: mm

Housing No.			Δ_{Hs}
P205~P210	PX05~PX10	P305~P310	±0.15
P211~P218	PX11~PX18	P311~P318	±0.2
	PX20	P319~P328	±0.3

Forms and dimensions of H_{2c} of P205JE3 (housing with cast iron cover) are shown below.



P205JE3 H_{2c} = 77 mm

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm H	L	A	J	N	N_1	H_1	H_2	L_1	B_1	Bolt Size inch / mm	Standard Unit No.	Housing No.	Bearing No.	Adapter No.	Mass kg	Basic Load Ratings kN C_r	C_{0r}	Factor f_0	With Pressed Steel Cover Unit No. Open Type	One Side Closed Type	Dimension mm / inch A_s	Mass kg	With Cast Iron Cover Unit No. Open Type	One Side Closed Type	Dimension mm / inch A_c	Mass kg
d_1																												
20	3/4	1 7/16	5 1/2	1 1/2	4 1/8	1/2	23/32	5/8	2 3/4	1 1/2	1 3/8	3/8	UKP205	P205	UK205	HE2305X	0.84	14.0	7.85	13.9	–	–	– –	–	–	–	– –	–
		36.5	140	38	105	13	18	16	70	38	35	M10				H2305X	0.84				UKP205C	UKP205CD	49 1 15/16	0.84	UKP205FC	UKP205FCD	66 2 19/32	1.3
	3/4	1 3/4	6 1/4	2	4 11/16	21/32	31/32	5/8	3 3/8	1 27/32	1 3/8	1/2	UKPX05	PX05	UKX05	HE2305X	1.5	19.5	11.3	13.9	–	–	– –	–	–	–	– –	–
		44.4	159	51	119	17	25	16	86	47	35	M14				H2305X	1.5				UKPX05C	UKPX05CD	53 2 3/32	1.5	–	–	– –	–
	3/4	1 49/64	6 7/8	1 3/4	5 3/16	21/32	25/32	5/8	3 11/32	2 5/32	1 3/8	1/2	UKP305	P305	UK305	HE2305X	1.7	21.2	10.9	12.6	–	–	– –	–	–	–	– –	–
		45	175	45	132	17	20	16	85	55	35	M14				H2305X	1.7				–	–	– –	–	UKP305C	UKP305CD	76 3	2.3
25		1 11/16	6 1/2	1 7/8	4 3/4	21/32	13/16	21/32	3 5/16	1 7/8	1 1/2	1/2	UKP206	P206	UK206	H2306X	1.4	19.5	11.3	13.9	UKP206C	UKP206CD	53 2 3/32	1.4	UKP206FC	UKP206FCD	70 2 3/4	1.9
	1	42.9	165	48	121	17	21	17	84	48	38	M14				HE2306X	1.4				–	–	– –	–	–	–	– –	–
		1 7/8	6 7/8	2 1/4	5	21/32	31/32	21/32	3 21/32	2 5/32	1 1/2	1/2	UKPX06	PX06	UKX06	H2306X	2.1	25.7	15.4	13.9	UKPX06C	UKPX06CD	60 2 3/8	2.1	–	–	– –	–
	1	47.6	175	57	127	17	25	17	93	55	38	M14				HE2306X	2.1				–	–	– –	–	–	–	– –	–
		1 31/32	7 3/32	1 31/32	5 1/2	21/32	25/32	21/32	3 3/4	2 3/32	1 1/2	1/2	UKP306	P306	UK306	H2306X	2.3	26.7	15.0	13.3	–	–	– –	–	UKP306C	UKP306CD	82 3 7/32	2.9
	1	50	180	50	140	17	20	17	95	53	38	M14				HE2306X	2.3				–	–	– –	–	–	–	– –	–
30	1 1/8	1 7/8	6 9/16	1 7/8	5	21/32	13/16	23/32	3 3/4	1 27/32	1 11/16	1/2	UKP207	P207	UK207	HS2307X	1.7	25.7	15.4	13.9	–	–	– –	–	–	–	– –	–
		47.6	167	48	127	17	21	18	95	47	43	M14				H2307X	1.7				UKP207C	UKP207CD	60 2 3/8	1.7	UKP207FC	UKP207FCD	78 3 1/16	2.5
	1 1/8	2 1/8	8	2 1/4	5 21/32	21/32	1 3/16	3/4	4 1/8	2 17/32	1 11/16	1/2	UKPX07	PX07	UKX07	HS2307X	2.7	29.1	17.8	14.0	–	–	– –	–	–	–	– –	–
		54	203	57	144	17	30	19	105	64	43	M14				H2307X	2.7				UKPX07C	UKPX07CD	69 2 23/32	2.7	–	–	– –	–
	1 1/8	2 13/64	8 9/32	2 7/32	6 5/16	21/32	31/32	3/4	4 7/32	2 9/16	1 11/16	1/2	UKP307	P307	UK307	HS2307X	3.0	33.4	19.3	13.2	–	–	– –	–	–	–	– –	–
		56	210	56	160	17	25	19	107	65	43	M14				H2307X	3.0				–	–	– –	–	UKP307C	UKP307CD	88 3 15/32	3.9
35	1 1/4	1 15/16	7 1/4	2 1/8	5 13/32	21/32	13/16	23/32	3 27/32	2 3/32	1 13/16	1/2	UKP208	P208	UK208	HE2308X	2.0	29.1	17.8	14.0	–	–	– –	–	–	–	– –	–
	1 3/8	49.2	184	54	137	17	21	18	98	53	46	M14				HS2308X	2.0				–	–	– –	–	–	–	– –	–
																H2308X	2.0				UKP208C	UKP208CD	69 2 23/32	2.0	UKP208FC	UKP208FCD	86 3 3/8	2.9
	1 1/4	2 5/16	8 3/4	2 5/8	6 5/32	25/32	1 1/4	13/16	4 1/2	2 25/32	1 13/16	5/8	UKPX08	PX08	UKX08	HE2308X	3.5	34.1	21.3	14.0	–	–	– –	–	–	–	– –	–
	1 3/8	58.7	222	67	156	20	32	21	114	71	46	M16				HS2308X	3.5				–	–	– –	–	–	–	– –	–
																H2308X	3.5				UKPX08C	UKPX08CD	69 2 23/32	3.5	–	–	– –	–
	1 1/4	2 23/64	8 21/32	2 3/8	6 11/16	21/32	1 1/16	3/4	4 21/32	2 9/16	1 13/16	1/2	UKP308	P308	UK308	HE2308X	3.8	40.7	24.0	13.2	–	–	– –	–	–	–	– –	–
	1 3/8	60	220	60	170	17	27	19	118	65	46	M14				HS2308X	3.8				–	–	– –	–	–	–	– –	–
																H2308X	3.8				–	–	– –	–	UKP308C	UKP308CD	96 3 25/32	5.2
40	1 1/2	2 1/8	7 15/32	2 1/8	5 3/4	21/32	13/16	25/32	4 3/16	2 5/32	1 31/32	1/2	UKP209	P209	UK209	HE2309X	2.3	34.1	21.3	14.0	–	–	– –	–	–	–	– –	–
		54	190	54	146	17	21	20	106	55	50	M14				H2309X	2.3				UKP209C	UKP209CD	69 2 23/32	2.3	UKP209FC	UKP209FCD	88 3 15/32	3.2
	1 1/2	2 5/16	8 3/4	2 5/8	6 5/32	25/32	1 5/16	13/16	4 9/16	2 25/32	1 31/32	5/8	UKPX09	PX09	UKX09	HE2309X	3.7	35.1	23.3	14.4	–	–	– –	–	–	–	– –	–
		58.7	222	67	156	20	33	21	116	71	50	M16				H2309X	3.7				UKPX09C	UKPX09CD	74 2 29/32	3.7	–	–	– –	–
	1 1/2	2 41/64	9 21/32	2 5/8	7 15/32	25/32	1 3/16	13/16	5 3/16	2 15/16	1 31/32	5/8	UKP309	P309	UK309	HE2309X	5.0	48.9	29.5	13.3	–	–	– –	–	–	–	– –	–
		67	245	67	190	20	30	21	132	75	50	M16				H2309X	5.0				–	–	– –	–	UKP309C	UKP309CD	102 4 1/32	6.3
45	1 3/4	2 1/4	8 1/8	2 3/8	6 1/4	25/32	7/8	13/16	4 7/16	2 3/8	2 5/32	5/8	UKP210	P210	UK210	HE2310X	3.0	35.1	23.3	14.4	–	–	– –	–	–	–	– –	–
		57.2	206	60	159	20	22	21	113	60	55	M16				H2310X	3.0				UKP210C	UKP210CD	74 2 29/32	3.0	UKP210FC	UKP210FCD	97 3 13/16	4.1
	1 3/4	2 1/2	9 1/2	2 7/8	6 23/32	25/32	1 13/32	7/8	4 31/32	3	2 5/32	5/8	UKPX10	PX10	UKX10	HE2310X	4.6	43.4	29.4	14.4	–	–	– –	–	–	–	– –	–
		63.5	241	73	171	20	36	22	126	76	55	M16				H2310X	4.6				UKPX10C	UKPX10CD	76 3	4.6	–	–	– –	–
	1 3/4	2 61/64	10 13/16	2 15/16	8 11/32	25/32	1 3/8	15/16	5 13/16	3 15/32	2 5/32	5/8	UKP310	P310	UK310	HE2310X	6.7	62.0	38.3	13.2	–	–	– –	–	–	–	– –	–
		75	275	75	212	20	35	24	148	88	55	M16				H2310X	6.7				–	–	– –	–	UKP310C	UKP310CD	110 4 11/32	8.4
50	1 7/8	2 1/2	8 5/8	2 3/8	6 23/32	25/32	7/8	29/32	4 29/32	2 9/16	2 5/16	5/8	UKP211	P211	UK211	HS2311X	3.7	43.4	29.4	14.4	–	–	– –	–	–	–	– –	–
	2	63.5	219	60	171	20	22	23	125	65	59	M16				H2311X	3.7				UKP211C	UKP211CD	76 3	3.7	UKP211FC	UKP211FCD	99 3 29/32	5.0
																HE2311X	3.7				–	–	– –	–	–	–	– –	–
	1 7/8	2 3/4	10 1/4	3 1/8	7 1/4	31/32	1 13/32	1 3/32	5 15/32	3 9/32	2 5/16	3/4	UKPX11	PX11	UKX11	HS2311X	6.2	52.4	36.2	14.4	–	–	– –	–	–	–	– –	–
	2	69.8	260	79	184	25	36	28	139	83	59	M20				H2311X	6.2				UKPX11C	UKPX11CD	89 3 1/2	6.2	–	–	– –	–
																HE2311X	6.2				–	–	– –	–	–	–	– –	–

Remarks
1. In Part No. of unit and units with covers, 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 ..... 205~210, X05~X09, 305~308
   A-R1/8 ..... 211~218, X10~X20, 309~328
3. In Part No. of unit with adapters and bearing with adapters, Part No. of applicable adapter follow the Part No. shown in the dimensional tables. (Example of Part No. : UKP206J + H2306X, UK206 + H2306X)
4. As for the triple seal type product (205 is the double seal type product), suffix code L3 (or L2) follows the Part No. of unit or bearing.
5. For the dimensions and forms of applicable bearings and adapters, see the dimensional tables of ball bearing for unit and adapter.
6. Representative examples of the forms of housing are indicated.
7. Housings of nodular graphite cast iron are also available.