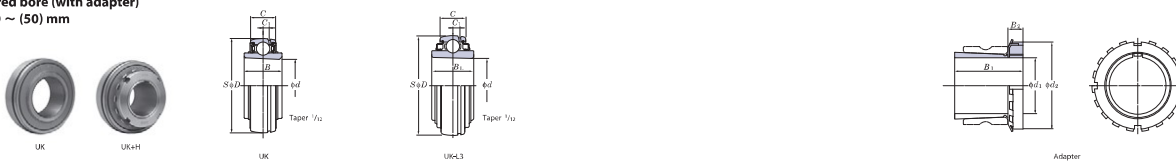


Ball Bearing Inserts

UK
Tapered bore (with adapter)
d₁ 20 ~ (50) mm



Shaft Dia. mm inch	Dimensions inch mm						Basic Load Ratings kN		Factor f ₀	Bearing				Adapter No.	H23 Series Adapter Dimensions inch mm			Mass kg	Sleeve No.	
	d	D	B	B ₁	C	C ₁	C _r	C _{0w}		Standard	L3 Type	Standard	L3 Type		B ₁	B ₂	d ₁			
20	1/4	0.984	2.347	0.945	0.945	0.669	0.197	14.0	7.85	13.9	UK205	UK205L2	0.18	0.18	HE2305X H2305X	1.378 35	0.315 8	1.496 38	0.095	AE2305X A2305X
	3/8	0.984	2.441	1.063	—	0.748	0.197	19.5	11.3	13.9	UKX05	—	0.27	—	HE2305X H2305X	1.378 35	0.315 8	1.496 38	0.095	AE2305X A2305X
	1/2	0.984	2.441	1.063	—	0.866	0.236	21.2	10.9	12.6	UK305	—	0.40	—	HE2305X H2305X	1.378 35	0.315 8	1.496 38	0.095	AE2305X A2305X
25	1	1.181	2.441	1.063	1.063	0.748	0.197	19.5	11.3	13.9	UK206	UK206L3	0.29	0.29	H2306X HE2306X	1.496 38	0.315 8	1.772 45	0.13	A2306X HE2306X
	1 1/8	1.181	2.835	1.181	—	0.787	0.217	25.7	15.4	13.9	UKX06	—	0.43	—	H2306X HE2306X	1.496 38	0.315 8	1.772 45	0.13	A2306X HE2306X
	1 1/4	1.181	2.835	1.181	—	0.945	0.256	26.7	15.0	13.3	UK306	—	0.47	—	H2306X HE2306X	1.496 38	0.315 8	1.772 45	0.13	A2306X HE2306X
30	1 1/8	1.378	2.835	1.181	1.181	0.787	0.217	25.7	15.4	13.9	UK207	UK207L3	0.43	0.43	HS2307X H2307X	1.693 43	0.354 9	2.047 52	0.17	AS2307X A2307X
	1 1/4	1.378	3.150	1.339	—	0.827	0.236	29.1	17.8	14.0	UKX07	—	0.53	—	HS2307X H2307X	1.693 43	0.354 9	2.047 52	0.17	AS2307X A2307X
	1 1/2	1.378	3.150	1.299	1.299	1.024	0.295	33.4	19.3	13.2	UK307	UK307L3	0.60	0.60	HS2307X H2307X	1.693 43	0.354 9	2.047 52	0.17	AS2307X A2307X
35	1 1/4	1.575	3.150	1.339	1.339	0.827	0.236	29.1	17.8	14.0	UK208	UK208L3	0.58	0.58	HE2308X H2308X	1.811 46	0.394 10	2.283 58	0.22	AE2308X A2308X
	1 1/2	1.575	3.346	1.417	—	0.866	0.236	34.1	21.3	14.0	UKX08	—	0.58	—	HE2308X H2308X	1.811 46	0.394 10	2.283 58	0.22	AE2308X A2308X
	1 3/4	1.575	3.346	1.417	—	0.866	0.236	34.1	21.3	14.0	UKX08	—	0.58	—	HE2308X H2308X	1.811 46	0.394 10	2.283 58	0.22	AE2308X A2308X
40	1 3/4	1.772	3.346	1.417	1.417	0.866	0.236	34.1	21.3	14.0	UK209	UK209L3	0.65	0.65	HE2308X H2308X	1.811 46	0.394 10	2.283 58	0.22	AE2308X A2308X
	1 1/2	1.772	3.543	1.417	—	0.945	0.236	35.1	23.3	14.4	UKX09	—	0.67	—	HE2309X H2309X	1.969 50	0.433 11	2.559 65	0.28	AE2309X A2309X
	1 1/2	1.772	3.543	1.417	—	0.945	0.236	35.1	23.3	14.4	UKX09	—	0.67	—	HE2309X H2309X	1.969 50	0.433 11	2.559 65	0.28	AE2309X A2309X
45	1 3/4	1.969	3.543	1.417	1.417	0.945	0.236	35.1	23.3	14.4	UK210	UK210L3	0.65	0.65	HE2310X H2310X	2.165 55	0.472 12	2.756 70	0.36	AE2310X A2310X
	1 1/2	1.969	3.937	1.575	—	0.984	0.276	43.4	29.4	14.4	UKX10	—	0.89	—	HE2310X H2310X	2.165 55	0.472 12	2.756 70	0.36	AE2310X A2310X
	1 3/4	1.969	4.331	1.575	1.575	1.260	0.354	62.0	38.3	13.2	UK310	UK310L3	1.38	1.38	HE2310X H2310X	2.165 55	0.472 12	2.756 70	0.36	AE2310X A2310X
50	1 1/2	2.165	3.937	1.575	1.575	0.984	0.276	43.4	29.4	14.4	UK211	UK211L3	1.09	1.09	HS2311X H2311X	2.323 59	0.472 12	2.953 75	0.42	AS2311X A2311X
	1 3/4	2.165	4.331	1.850	—	1.063	0.295	52.4	36.2	14.4	UKX11	—	1.15	—	HS2311X H2311X	2.323 59	0.472 12	2.953 75	0.42	AS2311X A2311X
	1 3/4	2.165	4.331	1.850	—	1.063	0.295	52.4	36.2	14.4	UKX11	—	1.15	—	HS2311X H2311X	2.323 59	0.472 12	2.953 75	0.42	AS2311X A2311X

Remarks 1. In Part No. of unit with adapters, Part No. of applicable adapters follow the Part No. shown in the dimensional tables.
(Example of Part No.: UK206 + H2306X, UK206L3 + H2306X)

2. Adapter series applicable to UK200 series
UK200L3 (or L2) — H2300X series

3. UK205 is the double seal type product (L2).

4. Inch bore diameter series adapters are also available (see the dimensional tables of adapters).