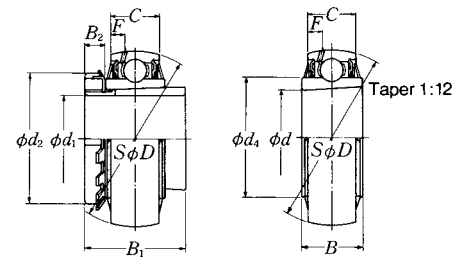


Ball bearings
Adapter type



UK3...D1;H, HA, HE, HS											
Shaft dia. mm inch	Bearing ⁽¹⁾ (²)(³) number	Nominal dimensions									
		mm inch									
		d	D	B	C	d ₄	d ₁	B ₁	B ₂	d ₂	F
20	UK305D1;H2305X	25	62	26	20	36.8	20	35	8	38	5.0
³ / ₄	UK305D1;HE2305	0.9843	2.4409	1.0236	0.7874	1.449	³ / ₄	1.378	0.315	1.496	0.197
25	UK306D1;H2306X	30	72	29	23	44.9	25	38	8	45	5.9
⁷ / ₈	UK306D1;HS2306	1.1811	2.8346	1.1417	0.9055	1.768	⁷ / ₈	1.496	0.315	1.772	0.232
1	UK306D1;HE2306X						1				
30	UK307D1;H2307X	35	80	33	25	49.4	30	43	9	52	6.8
¹ / ₈	UK307D1;HS2307	1.3780	3.1496	1.2992	0.9843	1.945	¹ / ₈	1.693	0.354	2.047	0.268
35	UK308D1;H2308X	40	90	34	27	56	35	46	10	58	7.4
¹ / ₄	UK308D1;HE2308X	1.5748	3.5433	1.3386	1.0630	2.205	¹ / ₄	1.811	0.394	2.283	0.291
³ / ₈	UK308D1;HS2308X						³ / ₈				
40	UK309D1;H2309X	45	100	37	29	63.5	40	50	11	65	7.4
¹ / ₁₆	UK309D1;HA2309						¹ / ₁₆				
¹ / ₂	UK309D1;HE2309X	1.7717	3.9370	1.4567	1.1417	2.500	¹ / ₂	1.969	0.433	2.559	0.291
⁵ / ₈	UK309D1;HS2309X						⁵ / ₈				
45	UK310D1;H2310X	50	110	41	32	70.6	45	55	12	70	8.1
⁵ / ₈	UK310D1;HS2310						⁵ / ₈				
¹ / ₁₆	UK310D1;HA2310	1.9685	4.3307	1.6142	1.2598	2.780	¹ / ₁₆	2.165	0.472	2.756	0.319
³ / ₄	UK310D1;HE2310X						³ / ₄				
50	UK311D1;H2311X	55	120	44	34	76.6	50	59	12	75	8.5
¹ / ₈	UK311D1;HS2311						¹ / ₈				
¹ / ₁₆	UK311D1;HA2311	2.1654	4.7244	1.7323	1.3386	3.016	¹ / ₁₆	2.323	0.472	2.953	0.335
2	UK311D1;HE2311XY						2				
55	UK312D1;H2312X	60	130	47	36	82.7	55	62	13	80	9.0
¹ / ₈	UK312D1;HS2312	2.3622	5.1181	1.8504	1.4173	3.256	¹ / ₈	2.441	0.512	3.150	0.354

Notes ⁽¹⁾ These numbers indicate relubricatable type. If maintenance free type is needed, please order without suffix "D1".
⁽²⁾ Adapter number with suffix "X" means a narrow slot type adapter sleeve.
In this case the lock washer with the straight inner prong should be used.
⁽³⁾ For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.
To distinguish it, a suffix "Y" is added.

Basic load ratings		Mass kg lb
N lbf		
dynamic C _r	static C _{or}	
21 200	10 900	0.36
4 750	2 460	0.81
26 700	15 000	0.59
6 000	3 400	1.37
		1.29
33 500	19 100	0.75
7 500	4 300	1.70
40 500	24 000	1.00
9 150	5 400	2.38
		2.25
53 000	32 000	1.28
		3.22
11 900	7 200	3.14
		2.97
62 000	38 500	1.72
		3.95
13 900	8 600	3.85
		3.74
71 500	45 000	2.06
		4.73
16 100	10 100	4.60
		4.46
82 000	52 000	2.58
18 400	11 700	5.67