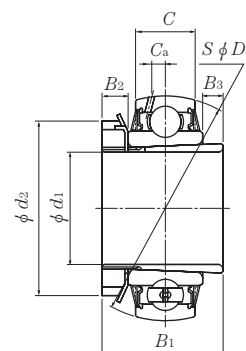
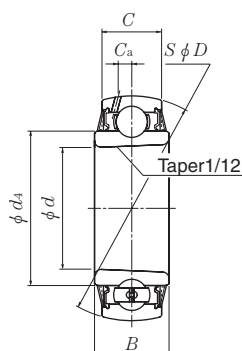


Ball bearings

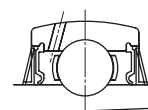
Adapter type



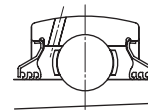
Bearing with adapter assembly
UKxxxD1 ; H23xx



Bearing
UKxxD1



Standard : Seal + Slinger



Triple Sealed
UKxxxD1LLJ ; H23xx
Example : UK205D1LLJ ; H2305X

Shaft dia.	Bearing number ^{1) 2)}	Nominal dimensions										
		mm					inch					
		d	D	B	C	d ₄	d ₁	B ₁	B ₂	d ₂	C _a	B ₃
20 3/4	UK205D1;H2305X UK205D1;HE2305	25 0.9843	52 2.0472	23 0.9055	17 0.6693	33.9 1.335	20 3/4	35 1.378	8 0.315	38 1.496	4.0 0.157	4.0 0.157
25 7/8 1	UK206D1;H2306X UK206D1;HS2306 UK206D1;HE2306X	30 1.1811	62 2.4409	26 1.0236	19 0.7480	40.8 1.606	25 7/8 1	38 1.496	8 0.315	45 1.772	4.9 0.193	4.0 0.157
30 1 1/8	UK207D1;H2307X UK207D1;HS2307	35 1.3780	72 2.8346	29 1.1417	20 0.7874	46.8 1.843	30 1 1/8	43 1.693	9 0.354	52 2.047	5.4 0.213	5.0 0.197
35 1 1/4 1 3/8	UK208D1;H2308X UK208D1;HE2308X UK208D1;HS2308X	40 1.5748	80 3.1496	31 1.2205	21 0.8268	53 2.087	35 1 1/4 1 3/8	46 1.811	10 0.394	58 2.283	6.0 0.236	5.0 0.197
40 1 7/16 1 1/2 1 5/8	UK209D1;H2309X UK209D1;HA2309 UK209D1;HE2309X UK209D1;HS2309X	45 1.7717	85 3.3465	31 1.2205	22 0.8661	57.5 2.264	40 1 7/16 1 1/2 1 5/8	50 1.969	11 0.433	65 2.559	6.1 0.240	8.0 0.315
45 1 5/8 1 11/16 1 3/4	UK210D1;H2310X UK210D1;HS2310 UK210D1;HA2310 UK210D1;HE2310X	50 1.9685	90 3.5433	32 1.2598	24 0.9449	62.4 2.457	45 1 5/8 1 11/16 1 3/4	55 2.165	12 0.472	70 2.756	6.1 0.240	11.0 0.433
50 1 7/8 1 15/16 2	UK211D1;H2311X UK211D1;HS2311 UK211D1;HA2311 UK211D1;HE2311XY	55 2.1654	100 3.9370	35 1.3780	25 0.9843	69 2.717	50 1 7/8 1 15/16 2	59 2.323	12 0.472	75 2.953	6.5 0.256	12.0 0.472
55 2 1/8	UK212D1;H2312X UK212D1;HS2312	60 2.3622	110 4.3307	38 1.4961	27 1.0630	77 3.031	55 2 1/8	62 2.441	13 0.512	80 3.150	7.3 0.287	11.0 0.433
60 2 3/16 2 1/4 2 3/8	UK213D1;H2313X UK213D1;HA2313 UK213D1;HE2313X UK213D1;HS2313X	65 2.5591	120 4.7244	40 1.5748	32 1.2598	82.5 3.248	60 2 3/16 2 1/4 2 3/8	65 2.559	14 0.551	85 3.346	7.3 0.287	11.0 0.433

Remarks: 1) Adapter number with suffix "X" means a narrow slot type adapter sleeve.

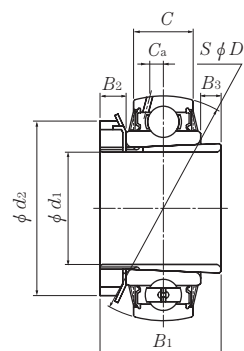
In this case the lock washer with the straight inner prong should be used.

2) For HE2311XY, screw thread pitch different from the standard is applied, because of the thin thread section of sleeve.

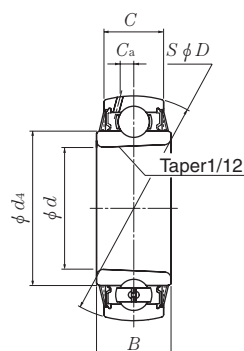
To distinguish it, a suffix "Y" is added.

3) For inch series bearings, the f_0 factor for calculating equivalent radial load is the same as the metric series.

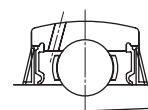
Ball bearings Adapter type



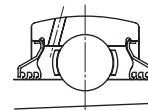
Bearing with adapter assembly
UKxxxD1 ; H23xx



Bearing
UKxxD1



Standard : Seal + Slinger



Triple Sealed
UKxxxD1LLJ ; H23xx
Example : UK205D1LLJ ; H2305X

Shaft dia.	Bearing number ^{1) 2)}	Nominal dimensions										
		mm					inch					
		d	D	B	C	d ₄	d ₁	B ₁	B ₂	d ₂	C _a	B ₃
65 2 ⁷ / ₁₆ 2 ¹ / ₂	UK215D1;H2315X UK215D1;HA2315 UK215D1;HE2315X	75 2.9528	130 5.1181	44 1.7323	34 1.3386	93 3.661	65 2 ⁷ / ₁₆ 2 ¹ / ₂	73 2.874	15 0.591	98 3.858	8.0 0.315	14.0 0.551
70 2 ¹¹ / ₁₆ 2 ³ / ₄	UK216D1;H2316X UK216D1;HA2316 UK216D1;HE2316X	80 3.1496	140 5.5118	45 1.7717	35 1.3780	98.1 3.862	70 2 ¹¹ / ₁₆ 2 ³ / ₄	78 3.071	17 0.669	105 4.134	8.0 0.315	16.0 0.630
75 2 ¹⁵ / ₁₆ 3	UK217D1;H2317X UK217D1;HA2317X UK217D1;HE2317X	85 3.3465	150 5.9055	46 1.8110	36 1.4173	106.4 4.189	75 2 ¹⁵ / ₁₆ 3	82 3.228	18 0.709	110 4.331	7.9 0.311	18.0 0.709
80 3 ³ / ₁₆	UK218D1;H2318X UK218D1;HA2318X	90 3.5433	160 6.2992	47 1.8504	37 1.4567	111.6 4.394	80 3 ³ / ₁₆	86 3.386	18 0.709	120 4.724	8.7 0.343	21.0 0.827

Remarks: 1) 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.

2) 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.

3) For inch series bearings, the f_0 factor for calculating equivalent radial load is the same as the metric series.