

SKF Explorer

Series: 21305 CC – 21320 E

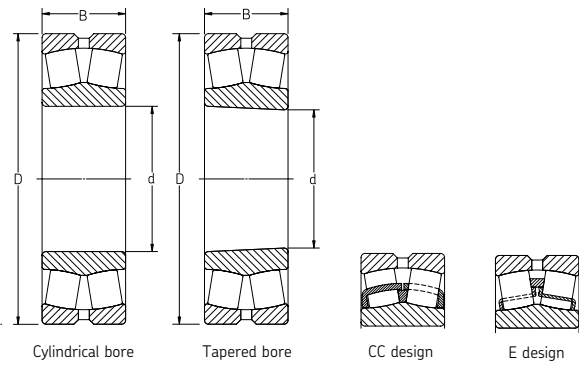
Size: 25 mm – 100 mm

0.9843 in – 3.9370 in

Series: 22205 E – 22224 E

Size: 25 mm – 120 mm

0.9843 in – 4.7244 in



Designation	Principal dimensions						Basic load ratings				Speed rating		Mass		Calculation factors		
	Bore d		Outside diameter D		Width B		Dynamic C		Static C <sub>0</sub>		Reference speed	Limiting speed	kg	lb	e	Y <sub>1</sub>	Y <sub>2</sub>
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min					
21305 CC	25	0.9843	62	2.4409	17	0.6693	49 100	11 030	41 500	9 330	9 300	12 000	0.28	0.62	0.30	2.3	3.4
21306 CC	30	1.1811	72	2.8346	19	0.7480	65 700	14 760	61 000	13 710	8 200	10 000	0.41	0.90	0.27	2.5	3.7
21307 CC	35	1.3780	80	3.1496	21	0.8268	79 200	17 800	72 000	16 180	7 300	9 500	0.55	1.21	0.28	2.4	3.6
21308 E	40	1.5748	90	3.5433	23	0.9055	107 000	24 040	108 000	24 270	7 000	9 500	0.75	1.65	0.24	2.8	4.2
21309 E	45	1.7717	100	3.9370	25	0.9843	129 000	28 990	127 000	28 540	6 300	8 500	0.99	2.18	0.24	2.8	4.2
21310 E	50	1.9685	110	4.3307	27	1.0630	159 000	35 730	163 000	36 630	5 600	7 500	1.35	2.98	0.24	2.8	4.2
21311 E	55	2.1654	120	4.7244	29	1.1417	159 000	35 730	163 000	36 630	5 600	7 500	1.70	3.75	0.24	2.8	4.2
21312 E	60	2.3622	130	5.1181	31	1.2205	217 000	48 760	240 000	53 900	4 800	6 300	2.10	4.63	0.22	3.0	4.6
21313 E	65	2.5591	140	5.5118	33	1.2992	243 000	54 600	270 000	60 700	4 300	6 000	2.55	5.62	0.22	3.0	4.6
21314 E	70	2.7559	150	5.9055	35	1.3780	291 000	65 400	325 000	73 000	4 000	5 600	3.10	6.84	0.22	3.0	4.6
21315 E	75	2.9528	160	6.2992	37	1.4567	291 000	65 400	325 000	73 000	4 000	5 600	3.75	8.27	0.22	3.0	4.6
21316 E	80	3.1496	170	6.6929	39	1.5354	331 000	74 400	375 000	84 300	3 800	5 300	4.45	9.81	0.24	2.8	4.2
21317 E	85	3.3465	180	7.0866	41	1.6142	331 000	74 400	375 000	84 300	3 800	5 300	5.20	11.47	0.24	2.8	4.2
21318 E	90	3.5433	190	7.4803	43	1.6929	393 000	88 300	450 000	101 100	3 600	4 800	6.10	13.45	0.24	2.8	4.2
21319 E	95	3.7402	200	7.8740	45	1.7717	433 000	97 300	490 000	110 100	3 400	4 500	7.05	15.55	0.24	2.8	4.2
21320 E	100	3.9370	215	8.4646	47	1.8504	433 000	97 300	490 000	110 100	3 400	4 500	8.60	18.96	0.24	2.8	4.2
22205 E	25	0.9843	52	2.0472	18	0.7087	49 900	11 210	44 000	9 890	13 000	17 000	0.26	0.57	0.35	1.9	2.9
22206 E	30	1.1811	62	2.4409	20	0.7874	66 100	14 850	58 500	13 150	10 000	14 000	0.29	0.64	0.31	2.2	3.3
22207 E	35	1.3780	72	2.8346	23	0.9055	88 800	19 960	83 000	18 650	9 000	12 000	0.45	0.99	0.31	2.2	3.3
22208 E	40	1.5748	80	3.1496	23	0.9055	98 500	22 130	91 500	20 560	8 000	11 000	0.53	1.17	0.28	2.4	3.6
22209 E	45	1.7717	85	3.3465	23	0.9055	104 000	23 370	100 000	22 470	7 500	10 000	0.58	1.28	0.26	2.6	3.9
22210 E	50	1.9685	90	3.5433	23	0.9055	107 000	24 040	108 000	24 270	7 000	9 500	0.63	1.39	0.24	2.8	4.2
22211 E	55	2.1654	100	3.9370	25	0.9843	129 000	28 990	127 000	28 540	6 300	8 500	0.84	1.85	0.24	2.8	4.2
22212 E	60	2.3622	110	4.3307	28	1.1024	159 000	35 730	163 000	36 630	5 600	7 500	1.15	2.54	0.24	2.8	4.2
22213 E	65	2.5591	120	4.7244	31	1.2205	198 000	44 490	208 000	46 740	5 000	7 000	1.55	3.42	0.24	2.8	4.2
22214 E	70	2.7559	125	4.9213	31	1.2205	213 000	47 870	228 000	51 200	5 000	6 700	1.55	3.42	0.23	2.9	4.4
22215 E	75	2.9528	130	5.1181	31	1.2205	217 000	48 760	240 000	53 900	4 800	6 300	1.70	3.75	0.22	3.0	4.6
22216 E	80	3.1496	140	5.5118	33	1.2992	243 000	54 600	270 000	60 700	4 300	6 000	2.10	4.63	0.22	3.0	4.6
22217 E	85	3.3465	150	5.9055	36	1.4173	291 000	65 400	325 000	73 000	4 000	5 600	2.69	5.93	0.22	3.0	4.6
22218 E	90	3.5433	160	6.2992	40	1.5748	331 000	74 400	375 000	84 300	3 800	5 300	3.40	7.50	0.24	2.8	4.2
22219 E	95	3.7402	170	6.6929	43	1.6929	393 000	88 300	450 000	101 100	3 600	4 800	4.15	9.15	0.24	2.8	4.2
22220 E	100	3.9370	180	7.0866	46	1.8110	433 000	97 300	490 000	110 100	3 400	4 500	4.90	10.80	0.24	2.8	4.2
22222 E	110	4.3307	200	7.8740	53	2.0866	572 000	128 500	640 000	143 800	3 000	4 000	7.00	15.44	0.25	2.7	4.0
22224 E	120	4.7244	215	8.4646	58	2.2835	652 000	146 500	765 000	171 900	2 800	3 800	8.70	19.18	0.26	2.6	3.9

Consult SKF USA Inc. prior to design change or order placement.