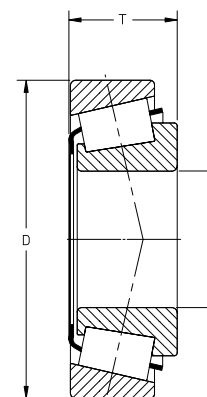


Single row
 Standard and **SKF Explorer**
 Series: 31311 – 31330 X
 Size: 55 mm – 150 mm
 2.1654 in – 5.9055 in

Series: 320/22 X – 32018 X
 Size: 22 mm – 90 mm
 0.8661 in – 3.5433 in



Designation	Principal dimensions						Basic load ratings				Speed rating		Mass		Calculation factors	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Reference speed	Limiting speed	kg	lb	e	Y
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min				
31311	55	2.1654	120	4.7244	31.50	1.2402	149 000	33 480	137 000	30 790	4 300	5 600	1.5	3.4	0.83	0.72
31312	60	2.3622	130	5.1181	33.50	1.3189	177 000	39 780	166 000	37 300	3 800	5 300	1.9	4.2	0.83	0.72
31313	65	2.5591	140	5.5118	36.00	1.4173	203 000	45 620	193 000	43 370	3 600	4 800	2.4	5.2	0.83	0.72
31314	70	2.7559	150	5.9055	38.00	1.4961	229 000	51 500	220 000	49 440	3 400	4 500	2.9	6.3	0.83	0.72
31315	75	2.9528	160	6.2992	40.00	1.5748	255 000	57 300	245 000	55 100	3 200	4 300	3.4	7.5	0.83	0.72
31316	80	3.1496	170	6.6929	42.50	1.6732	276 000	62 000	265 000	59 600	3 000	4 000	4.1	8.9	0.83	0.72
31317	85	3.3465	180	7.0866	44.50	1.7520	297 000	66 700	285 000	64 000	2 800	3 800	4.6	10.2	0.83	0.72
31318	90	3.5433	190	7.4803	46.50	1.8307	283 000	63 600	315 000	70 800	2 400	3 400	5.4	11.9	0.83	0.72
31319	95	3.7402	200	7.8740	49.50	1.9488	314 000	70 600	355 000	79 800	2 400	3 400	6.3	13.9	0.83	0.72
31320 X	100	3.9370	215	8.4646	56.50	2.2244	399 000	89 700	465 000	104 500	2 200	3 000	8.6	19.0	0.83	0.72
31321 X	105	4.1339	225	8.8583	58.00	2.2835	429 000	96 400	500 000	112 400	2 000	3 000	9.6	21.3	0.83	0.72
31322 X	110	4.3307	240	9.4488	63.00	2.4803	491 000	110 300	585 000	131 500	1 900	2 800	12.0	26.4	0.83	0.72
31324 X	120	4.7244	260	10.2362	68.00	2.6772	578 000	129 900	695 000	156 200	1 700	2 400	15.3	33.7	0.83	0.72
31326 X	130	5.1181	280	11.0236	72.00	2.8346	647 000	145 400	780 000	175 300	1 600	2 400	18.5	40.7	0.83	0.72
31328 X	140	5.5118	300	11.8110	77.00	3.0315	737 000	165 600	900 000	202 200	1 500	2 200	22.6	49.9	0.83	0.72
31330 X	150	5.9055	320	12.5984	82.00	3.2283	832 000	187 000	1 020 000	229 200	1 400	2 000	27.2	59.9	0.83	0.72
320/22 X	22	0.8661	44	1.7323	15.00	0.5906	30 900	6 940	29 000	6 520	13 000	15 000	0.1	0.2	0.40	1.50
320/28 X	28	1.1024	52	2.0472	16.00	0.6299	39 000	8 760	38 000	8 540	10 000	13 000	0.1	0.3	0.43	1.40
320/32 X	32	1.2598	58	2.2835	17.00	0.6693	45 100	10 130	46 500	10 450	9 000	11 000	0.2	0.4	0.46	1.30
32004 X	20	0.7874	42	1.6535	15.00	0.5906	29 700	6 670	27 000	6 070	13 000	16 000	0.1	0.2	0.37	1.60
32005 X	25	0.9843	47	1.8504	15.00	0.5906	33 200	7 460	32 500	7 300	12 000	14 000	0.1	0.3	0.43	1.40
32006 X	30	1.1811	55	2.1654	17.00	0.6693	43 900	9 870	44 000	9 890	10 000	12 000	0.2	0.4	0.43	1.40
32007 X	35	1.3780	62	2.4409	18.00	0.7087	52 300	11 750	54 000	12 130	8 500	10 000	0.2	0.5	0.46	1.30
32008 X	40	1.5748	68	2.6772	19.00	0.7480	64 700	14 540	71 000	15 960	7 500	9 500	0.3	0.6	0.37	1.60
32009 X	45	1.7717	75	2.9528	20.00	0.7874	71 700	16 110	80 000	17 980	7 000	8 500	0.3	0.8	0.40	1.50
32010 X	50	1.9685	80	3.1496	20.00	0.7874	75 100	16 880	88 000	19 780	6 300	8 000	0.4	0.8	0.43	1.40
32011 X	55	2.1654	90	3.5433	23.00	0.9055	99 400	22 340	116 000	26 070	5 600	7 000	0.6	1.2	0.40	1.50
32012 X	60	2.3622	95	3.7402	23.00	0.9055	101 000	22 700	122 000	27 420	5 300	6 700	0.6	1.3	0.43	1.40
32013 X	65	2.5591	100	3.9370	23.00	0.9055	103 000	23 150	127 000	28 540	5 000	6 000	0.6	1.4	0.46	1.30
32014 X	70	2.7559	110	4.3307	25.00	0.9843	125 000	28 090	153 000	34 380	4 500	5 600	0.9	1.9	0.43	1.40
32015 X	75	2.9528	115	4.5276	25.00	0.9843	130 000	29 210	163 000	36 630	4 300	5 300	0.9	2.0	0.46	1.30
32016 X	80	3.1496	125	4.9213	29.00	1.1417	168 000	37 750	216 000	48 540	4 000	5 000	1.3	2.9	0.43	1.40
32017 X	85	3.3465	130	5.1181	29.00	1.1417	171 000	38 430	224 000	50 300	3 800	4 800	1.4	3.0	0.44	1.35
32018 X	90	3.5433	140	5.5118	32.00	1.2598	208 000	46 740	270 000	60 700	3 600	4 300	1.8	3.9	0.43	1.40

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