

## Single Direction Thrust Ball Bearings SKF®, Single Row, inner diameter 10 - 100 mm

**Material:** Bearing steel.

- Thrust Ball Bearings for single direction in premium-quality from SKF®.
- For axial load (no radial load permitted).
- Usable for high speed.
- These bearings exist from loose parts: Shaft ring (with ground bore), housing ring (with ground outer diameter and bigger bore) and ball cage with balls. The rings must not be confused with each other. Temperature range: -30°C to +125°C.



**Other versions or sizes on request.**

Ordering Details: e.g.: Product No., quantity

Product No.	d mm	D mm	H mm	d <sub>1</sub> mm	D <sub>1</sub> mm	r <sub>min.</sub> mm	Load rating axial		P <sub>u</sub> * kN	Speed base min <sup>-1</sup>	Speed limit min <sup>-1</sup>	Weight g
							dyn.C kN	stat.C <sub>0</sub> kN				
51100-SKF	10	24	9	24	11	0,3	8,7	12,2	0,45	9.500	13.000	20
51200-SKF	10	26	11	26	12	0,6	12,7	18,6	0,695	8.000	11.000	30
51101-SKF	12	26	9	26	13	0,3	10,4	16,6	0,62	9.000	13.000	22
51201-SKF	12	28	11	28	14	0,6	13,3	20,8	0,765	8.000	11.000	34
51102-SKF	15	28	9	28	16	0,3	10,6	18,3	0,67	8.500	12.000	23
51202-SKF	15	32	12	32	17	0,6	15,9	25,0	0,915	7.000	10.000	46
51103-SKF	17	30	9	30	18	0,3	11,4	21,2	0,78	8.500	12.000	25
51203-SKF	17	35	12	35	19	0,6	16,3	27,0	1,00	6.700	9.500	53
51104-SKF	20	35	10	35	21	0,3	15,1	29,0	1,08	7.500	10.000	37
51204-SKF	20	40	14	40	22	0,6	21,2	37,5	1,40	6.000	8.000	83
51105-SKF	25	42	11	42	26	0,6	18,2	39,0	1,43	6.300	9.000	56
51205-SKF	25	47	15	47	27	0,6	26,5	50,0	1,86	5.300	7.500	110
51106-SKF	30	47	11	47	32	0,6	19,0	43,0	1,60	6.000	8.500	63
51206-SKF	30	52	16	52	32	0,6	25,1	51,0	1,86	4.800	6.700	130
51107-SKF	35	52	12	52	37	0,6	19,9	51,0	1,86	5.600	7.500	80
51108-SKF	40	60	13	60	42	0,6	25,5	63,0	2,32	5.000	7.000	120
51109-SKF	45	65	14	65	47	0,6	26,5	69,5	2,55	4.500	6.300	140
51110-SKF	50	70	14	70	52	0,6	27,0	75,0	2,80	4.300	6.300	160
51111-SKF	55	78	16	78	57	0,6	30,2	81,5	3,00	3.800	5.300	230
51112-SKF	60	85	17	85	62	1,0	41,6	122,0	4,55	3.600	5.000	270
51113-SKF	65	90	18	90	67	1,0	37,7	108,0	4,00	3.400	4.800	330
51114-SKF	70	95	18	95	72	1,0	40,3	120,0	4,40	3.400	4.500	350
51115-SKF	75	100	19	100	77	1,0	44,2	134,0	4,90	3.200	4.300	400
51116-SKF	80	105	19	105	82	1,0	44,9	140,0	5,10	3.000	4.300	420
51117-SKF	85	110	19	110	87	1,0	44,9	146,0	5,40	3.000	4.300	440
51118-SKF	90	120	22	120	92	1,0	59,2	208,0	7,50	2.600	3.800	670
51120-SKF	100	135	25	135	102	1,0	80,6	265,0	9,15	2.400	3.200	970

\* Fatigue load limit.



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