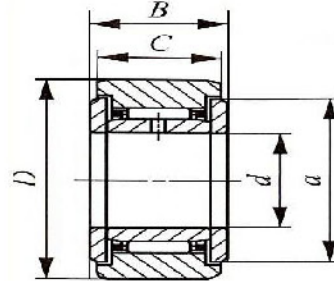




Yoke type track rollers



Dimension table . Dimensions in mm

Outside diameter	Cylindrical outer race	Mass g	Dimensions (mm)					Basic load ratings		Track load capacity N	Limiting speed min ⁻¹
			d	D	C	B	a	dyn C N	stat C ₀ N		
19	NAST 6 ZZ	24.5	6	19	13.8	14	14	3 914	4 322	3 353	19 000
24	NAST 8 ZZ	39	8	24	13.8	14	17.5	5 396	5 595	4 284	16 150
30	NAST 10 ZZ	65	10	30	15.8	16	23.5	9 215	9 186	6 517	14 250
32	NAST 12 ZZ	75	12	32	15.8	16	25.5	9880	10 355	6 982	12 350
35	NAST 15 ZZ	83	15	35	15.8	16	29.0	11685	13 585	7 638	9 500
40	NAST 17 ZZ	135	17	40	19.8	20	32.5	16 530	19 855	11 210	9 025
47	NAST 20 ZZ	195	20	47	19.8	20	38	18 240	23 275	13 110	8 075
52	NAST 25 ZZ	225	25	52	19.8	20	43	19 665	26 980	14 535	6 650
62	NAST 30 ZZ	400	30	62	24.8	25	50.5	28 785	43 130	20 995	5 225
72	NAST 35 ZZ	550	35	72	24.8	25	53.5	30 590	48 070	24 415	4 750
80	NAST 40 ZZ	710	40	80	25.8	26	61.5	33 915	58 045	28 785	3 800
85	NAST 45 ZZ	760	45	85	25.8	26	66.5	35 245	63 080	29 545	3 800
90	NAST 50 ZZ	830	50	90	25.8	26	76	36 765	68 210	32 300	3 325

- TN = plastic cage, permissible operating temperatures.
- 120°C continuously, 150°C temporarily, 180°C for short periods.
- F is the raceway diameter of the inner ring,
- f_w is the needle roller enveloping circle in the tolerance zone F6.
- The basic load ratings C and C₀ apply if the bearing outer ring (with cylindrical outside surface) is mounted in a housing bore with the normal rolling bearing fit. when used as a track roller the load ratings C_w and C_{ow} apply.
- With oil lubrication, the speed can be increased by approx 30%.