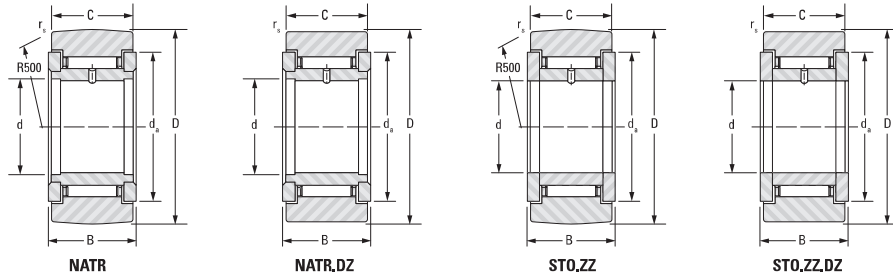
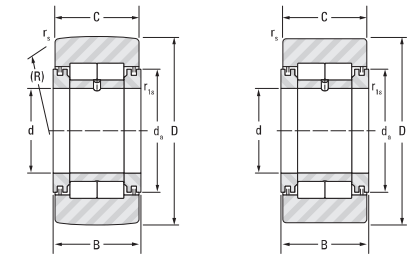


CAGED, WITH INNER RING, WITH END WASHERS, YOKE-TYPE (NATR, STO...ZZ SERIES) METRIC SERIES



Outer Dia. mm in	D mm in	d mm in	B mm in	C mm in	d _a mm in	r _s min. mm in	Bearing Designation		Load Ratings					Speed Rating Grease min ⁻¹	Approx. Wt. kg lbs
									As a Bearing		As a Track Roller				
							Crowned Track Roller	Cylindrical Track Roller	Dynamic	Static	Dynamic	Static	Static		
							C	C ₀	C _w	F _{r perm}	F _{0r perm}				
16	16	5	12	11.0	13	0.3	NATR5	NATR5DZ	4.62	5.19	3.34	2.62	4.01	13000	0.017
0.6299	0.6299	0.1969	0.472	0.433	0.512	0.012			1040	1170	751	589	901		0.037
19	19	6	12	11.0	16	0.3	NATR6	NATR6DZ	4.84	5.66	3.84	4.28	5.28	12000	0.022
0.7480	0.7480	0.2362	0.472	0.433	0.630	0.012			1090	1270	863	962	1190		0.049
19	19	6	14	13.8	15	0.3	STO6ZZ	STO6ZZ,DZ	5.37	6.47	4.31	5.23	6.17	12000	0.024
0.7480	0.7480	0.2362	0.551	0.543	0.591	0.012			1210	1450	969	1180	1340		0.053
24	24	8	14	13.8	18	0.3	STO8ZZ	STO8ZZ,DZ	5.82	7.54	4.97	8.52	12.1	9900	0.040
0.9449	0.9449	0.3150	0.551	0.543	0.709	0.012			1310	1700	1120	1700	1830		0.088
24	24	8	15	14.0	20	0.3	NATR8	NATR8DZ	8.39	8.67	6.66	5.79	8.08	10000	0.043
0.9449	0.9449	0.3150	0.591	0.551	0.787	0.012			1890	1950	1500	1300	1820		0.095
30	30	10	15	14.0	24	0.6	NATR10	NATR10DZ	9.57	9.45	8.15	8.58	10.1	9400	0.068
1.1811	1.1811	0.3937	0.591	0.551	0.945	0.024			2150	2120	1830	1930	2270		0.150
30	30	10	16	15.8	23	0.3	STO10ZZ	STO10ZZ,DZ	10.4	10.6	8.94	9.64	11.4	9400	0.071
1.1811	1.1811	0.3937	0.630	0.622	0.906	0.012			2340	2380	2010	2170	2560		0.157
32	32	12	15	14.0	26	0.6	NATR12	NATR12DZ	10.2	10.5	8.32	8.50	10.4	8100	0.075
1.2598	1.2598	0.4724	0.591	0.551	1.024	0.024			2290	2360	1870	1910	2340		0.165
32	32	12	16	15.8	25	0.3	STO12ZZ	STO12ZZ,DZ	11.2	11.9	9.13	9.54	11.7	8100	0.078
1.2598	1.2598	0.4724	0.630	0.622	0.984	0.012			2520	2680	2050	2140	2630		0.172
35	35	15	16	15.8	30	0.3	STO15ZZ	STO15ZZ,DZ	12.9	15.3	9.47	8.52	12.1	6300	0.089
1.3780	1.3780	0.5906	0.630	0.622	1.181	0.012			2900	3440	2130	1920	2720		0.196
40	40	17	20	19.8	33	0.3	STO17ZZ	STO17ZZ,DZ	19.0	23.3	14.2	13.4	19.3	5600	0.145
1.5748	1.5748	0.6693	0.787	0.780	1.299	0.012			4270	5240	3190	3010	4340		0.320
47	47	20	20	19.8	37	0.3	STO20ZZ	STO20ZZ,DZ	20.0	25.4	15.7	19.5	23.5	4900	0.200
1.8504	1.8504	0.7874	0.787	0.780	1.457	0.012			4500	5710	3530	4380	5280		0.441
52	52	25	20	19.8	42	0.3	STO25ZZ	STO25ZZ,DZ	22.4	31.1	16.4	19.8	25.1	4100	0.240
2.0472	2.0472	0.9843	0.787	0.780	1.654	0.012			5040	6990	3690	4450	5640		0.529
62	62	30	25	24.8	52	0.6	STO30ZZ	STO30ZZ,DZ	33.3	51.0	23.0	26.9	36.2	3200	0.412
2.4409	2.4409	1.1811	0.984	0.976	2.047	0.024			7490	11500	5170	6050	8140		0.908
72	72	35	25	24.8	56	0.6	STO35ZZ	STO35ZZ,DZ	35.2	56.6	25.9	39.2	45.5	2900	0.555
2.8346	2.8346	1.3780	0.984	0.976	2.205	0.024			7910	12700	5920	8910	10200		1.224
80	80	40	26	25.8	64	0.6	STO40ZZ	STO40ZZ,DZ	38.8	67.8	26.8	41.5	48.1	2400	0.700
3.1496	3.1496	1.5748	1.024	1.016	2.520	0.024			8720	15200	6120	9330	10800		1.543
85	85	45	26	25.8	69	0.6	STO45ZZ	STO45ZZ,DZ	40.3	73.5	26.9	42.4	48.6	2200	0.770
3.3465	3.3465	1.7117	1.024	1.016	2.717	0.024			9060	16500	6050	9530	10900		1.696

FULL COMPLEMENT, WITH INNER RING, CYLINDRICAL ROLLERS, YOKE-TYPE (NUTR SERIES) METRIC SERIES



Outer Dia. mm in	D mm in	d mm in	B mm in	C mm in	d _a mm in	r _s mm in	r _s min. mm in	Bearing Designation		Load Ratings					Speed Rating Grease min ⁻¹	Approx. Wt. kg lbs
										As a Bearing		As a Track Roller				
								Crowned Track Roller	Cylindrical Track Roller	Dynamic	Static	Dynamic	Static	Static		
								C	C ₀	C _w	F _{r perm}	F _{0r perm}				
35	35	15	19	18	24	0.6	0.3	NUTR15	NUTR15DZ	24.7	29.3	16.2	10.1	16.1	6100	0.105
1.3780	1.3780	0.5906	0.748	0.709	0.945	0.024	0.012			5550	6590	3640	2270	3620		0.231
40	40	17	21	20	27	1.0	0.3	NUTR17	NUTR17DZ	26.6	33.4	18.7	15.0	23.9	5300	0.154
1.5748	1.5748	0.6693	0.827	0.787	1.063	0.039	0.012			5980	7510	4200	3370	5370		0.340
42	42	15	19	18	24	0.6	0.3	NUTR1542	NUTR1542DZ	22.8	29.4	20.0	21.2	28.4	6100	0.166
1.6535	1.6535	0.5906	0.748	0.709	0.945	0.024	0.012			5130	6610	4500	4770	6840		0.366
47	47	17	21	20	27	1.0	0.3	NUTR1747	NUTR1747DZ	24.5	33.3	22.0	28.1	33.6	5300	0.230
1.8504	1.8504	0.6693	0.827	0.787	1.063	0.039	0.012			5510	7490	4950	6320	7950		0.507
47	47	20	25	24	32	1.0	0.3	NUTR20	NUTR20DZ	38.0	53.2	28.1	20.5	32.7	4500	0.254
1.8504	1.8504	0.7874	0.984	0.945	1.260	0.039	0.012			8770	12000	6320	4610	7350		0.560
52	52	20	25	24	32	1.0	0.3	NUTR2052	NUTR2052DZ	39.0	53.2	31.6	31.0	45.9	4500	0.326
2.0472	2.0472	0.7874	0.984	0.945	1.260	0.039	0.012			8770	12000	7100	6970	10300		0.719
52	52	25	25	24	37	1.0	0.3	NUTR25	NUTR25DZ	43.0	63.1	29.6	22.2	35.4	3700	0.291
2.0472	2.0472	0.9843	0.984	0.945	1.457	0.039	0.012			9670	14200	6850	4990	7960		0.642
62	62	25	25	24	37	1.0	0.3	NUTR2562	NUTR2562DZ	43.0	63.1	36.0	43.9	57.8	3700	0.460
2.4409	2.4409	0.9843	0.984	0.945	1.457	0.039	0.012			9670	14200	8090	9870	13000		1.014
62	62	30	29	28	44	1.0	0.3	NUTR30	NUTR30DZ	60.0	83.1	40.8	29.0	46.2	3200	0.480
2.4409	2.4409	1.1811	1.142	1.102	1.732	0.039	0.012			13500	18700	9170	6520	10400		1.058
72	72	30	29	28	44	1.0	0.3	NUTR3072	NUTR3072DZ	60.0	83.1	48.6	53.2	74.2	3200	0.711
2.8346	2.8346	1.1811	1.142	1.102	1.732	0.039	0.012			13500	18700	10900	12000	16700		1.567
72	72	35	29	28	50	1.1	0.6	NUTR35	NUTR35DZ	65.5	97.8	45.9	38.7	61.7	2600	0.655
2.8346	2.8346	1.3780	1.142	1.102	1.969	0.043	0.024			14700	22000	10300	8700	13900		1.444
80	80	35	29	28	50	1.1	0.6	NUTR3580	NUTR3580DZ	65.5	97.8	51.7	58.7	81.9	2600	0.865
3.1496	3.1496	1.3780	1.142	1.102	1.969	0.043	0.024			14700	22000	11690	13200	18400		1.907
80	80	40	32	30	55	1.1	0.6	NUTR40	NUTR40DZ	88.0	132	60.6	48.0	76.5	2500	0.848
3.1496	3.1496	1.5748	1.260	1.181	2.165	0.043	0.024			19800	29700	13600	10800	17200		1.870
85	85	45	32	30	60	1.1	0.6	NUTR45	NUTR45DZ	93.0	146	62.0	50.2	80.0	2200	0.917
3.3465	3.3465	1.7117	1.260	1.181	2.362	0.043	0.024			20900	32800	13900	11300	18000		2.022
90	90	40	32	30	55	1.1	0.6	NUTR4090	NUTR4090DZ	88.0	132	69.1	75.4	111	2500	1.162
3.5433	3.5433	1.5748	1.260	1.181	2.165	0.043	0.024			19800	29700	15500	17000	25000		2.562
90	90	50	32	30	65	1.1	0.6	NUTR50	NUTR50DZ	98.0	160	63.3	52.9	84.3	2000	0.988
3.5433	3.5433	1.9685	1.260	1.181	2.559	0.043	0.024			22000	36000	14200	11900	19900		2.178
100	100	45	32	30	60	1.1										