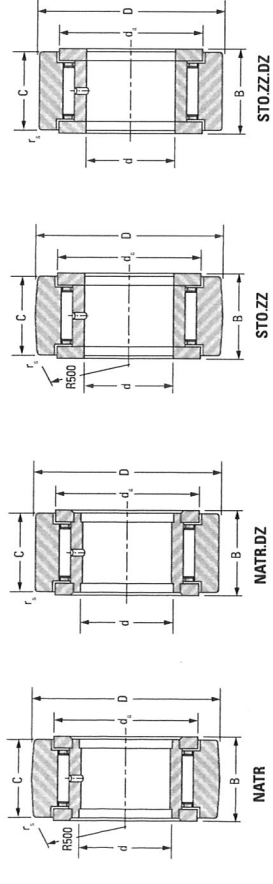




NEEDLE ROLLER BEARINGS

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



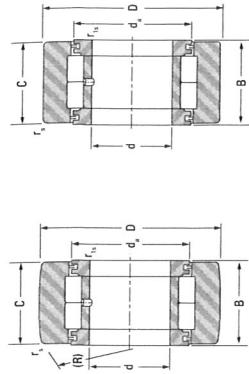
Outer Dia.	NATR			STOZZ			STOZZDZ			Approx. VIL Grease	Speed Rating min ⁻¹	Approx. VIL Grease	
	mm	in.	mm	mm	in.	mm	in.	mm	in.				
16	0.6299	1.9	5	11.0	12	0.433	6.2	5.16	2.84	5.2	4.01	13000	0.017
19	0.7480	19	6	11.0	12	0.433	4.84	5.75	3.84	5.28	5.28	12000	0.022
19	0.7480	19	6	11.0	12	0.433	5.37	6.47	4.31	5.23	6.17	12000	0.024
24	0.9443	24	8	14.0	14	0.551	5.82	7.54	4.97	7.00	8.14	9800	0.040
24	0.9443	24	8	14.0	14	0.551	8.28	8.67	6.56	8.70	9.86	10000	0.043
30	1.1811	30	10	15.8	15	0.551	9.57	9.45	8.15	8.58	10.1	9400	0.068
30	1.1811	30	10	15.8	15	0.551	10.4	10.6	8.94	9.64	11.4	9400	0.071
32	1.2588	32	12	15.8	16	0.622	10.5	10.5	9.22	10.0	10.4	8100	0.075
32	1.2588	32	12	15.8	16	0.622	12.9	11.9	9.13	9.54	11.7	8100	0.078
35	1.3780	35	15	16.8	16	0.622	12.9	15.3	9.47	9.47	12.1	6300	0.089
40	1.5748	40	17	20	18.8	0.787	19.0	23.3	14.2	15.0	13.4	5600	0.145
47	1.8504	47	20	20	19.8	0.787	20.0	25.4	16.7	16.5	15.5	4900	0.200
52	2.0472	52	24	24	24.8	0.974	22.4	31.1	16.4	18.8	25.1	4100	0.259
62	2.4409	62	30	25	24.8	1.016	33.3	51.0	23.0	26.9	36.2	3200	0.412
72	2.8346	72	35	28	26.8	1.118	35.2	56.6	25.9	29.2	45.5	2800	0.555
80	3.1496	80	40	30	26.8	1.118	38.8	67.8	28.9	32.8	50.0	2400	0.700
85	3.3465	85	45	26	25.8	1.016	40.3	73.5	26.9	30.5	48.5	2200	0.770

B-5-26 NEEDLE ROLLER BEARINGS

NEEDLE ROLLER BEARINGS B-5-27

Stud-Type and Yoke-Type Track Rollers

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



Outer Dia.	NUTR			NUTR.DZ			Bearing Designation	Load Ratings			Speed Rating Grease	Approx. VIL Grease	
	mm	in.	mm	mm	in.	mm		As a Bearing	As a Track Roller	As a Track Roller			
35	1.3780	18	24	29.3	16.2	10.1	NUTR15	24.7	29.3	16.2	10.1	6100	0.105
40	1.5748	17	21	26.6	18.7	15.0	NUTR17	26.6	33.4	18.7	15.0	5300	0.154
45	1.6535	15	18	22.8	20.0	21.2	NUTR15A2	22.8	29.4	20.0	21.2	6100	0.166
47	1.8504	17	21	24.5	21.0	28.1	NUTR17A2	24.5	33.3	21.0	28.1	5300	0.230
47	1.8504	20	24	33.3	21.0	28.1	NUTR20	33.3	52.2	21.0	28.1	4500	0.254
52	2.0472	25	32	39.0	31.6	31.0	NUTR26A2	39.0	53.2	31.6	31.0	4500	0.326
52	2.0472	25	32	39.0	31.6	31.0	NUTR26	39.0	53.2	31.6	31.0	3700	0.291
62	2.4409	25	32	43.0	36.0	43.9	NUTR26A2	43.0	63.1	36.0	43.9	3700	0.460
62	2.4409	25	32	43.0	36.0	43.9	NUTR30	43.0	63.1	36.0	43.9	3200	0.480
72	2.8346	30	44	60.0	48.0	48.0	NUTR30A2	60.0	83.1	48.0	48.0	3200	0.711
72	2.8346	30	44	60.0	48.0	48.0	NUTR30Z	60.0	83.1	48.0	48.0	3200	0.711
80	3.1496	35	50	65.5	57.8	57.8	NUTR36	65.5	97.8	57.8	57.8	2600	0.885
80	3.1496	35	50	65.5	57.8	57.8	NUTR36A2	65.5	97.8	57.8	57.8	2600	0.885
85	3.3465	40	55	88.0	75.4	75.4	NUTR40	88.0	132	75.4	75.4	2500	1.02
85	3.3465	40	55	88.0	75.4	75.4	NUTR40A2	88.0	132	75.4	75.4	2500	1.02
100	3.9370	45	65	98.0	84.3	84.3	NUTR45	98.0	160	84.3	84.3	2000	1.412
100	3.9370	45	65	98.0	84.3	84.3	NUTR45A2	98.0	160	84.3	84.3	2000	1.412
110	4.3307	50	70	110	94.0	94.0	NUTR50	110	160	94.0	94.0	2000	1.727
110	4.3307	50	70	110	94.0	94.0	NUTR50A2	110	160	94.0	94.0	2000	1.727

B-5-26 NEEDLE ROLLER BEARINGS

NEEDLE ROLLER BEARINGS B-5-27