

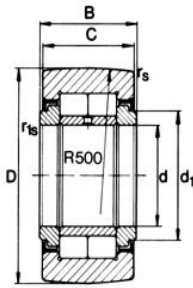
Needle roller bearings, relative to its diameter, roller both thin and long. This is called needle roller. Despite having a smaller cross-section, it has a higher load bearing capacity, equipped with a thin and long needle bearing roller, so the radial structure is compact, its diameter size and load capacity and other types of bearings, the outer diameter minimum, especially for radial mounting dimensions restricted support structure.

Needle roller bearings are single or double row units comprising machined outer rings with ribs, needle roller and cage assemblies and removable inner rings.

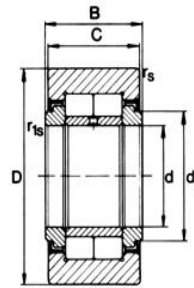
The bearings are available in open and sealed versions.

needle bearings have cylindrical roller, which are thin and long relatively to its diameter. Despite the smaller cross-section, the bearings still have a high load bearing capacity.

Yoke type track roller bearing: NUTR Series



NUTR



NUTR...X

Motion(shanghai)Industrial Development Co.,Ltd

Outer Diameter mm	Bearing Designation	Boundary Dimensions							Basic Load Ratings						Limiting Speed rpm
									As yoke type track rollers						
		d	D	B	C	d1	rs	ris	C	Co	Cw	Cow	Fr perm	For perm	
		mm							N						min <sup>-1</sup>
		min							rpm						
35	NUTR 15	15	35	19	18	20	0.6	0.3	23000	27000	16000	18300	8300	16400	6500
40	NUTR 17	17	40	21	20	22	1	0.3	24800	31000	18500	22800	13200	22800	5500
42	NUTR 15 42	15	42	19	18	20	0.6	0.3	23000	27000	19400	23800	23900	23900	6500
47	NUTR 17 47	17	47	21	20	22	1	0.3	24800	31000	21300	28000	28000	28000	5500
47	NUTR 20	20	47	25	24	27	1	0.3	39000	50000	28000	35000	16500	33000	4200
52	NUTR 20 52	20	52	25	24	27	1	0.3	39000	50000	31500	41000	38500	41000	4200
52	NUTR 25	25	52	25	24	31	1	0.3	43500	60000	29000	37500	17300	34500	3400
62	NUTR 25 62	25	62	25	24	31	1	0.3	43500	60000	35500	50000	50000	50000	3400
62	NUTR 30	30	62	29	28	38	1	0.3	59000	79000	40000	51000	23600	47000	2600
72	NUTR 30 72	30	72	29	28	38	1	0.3	59000	79000	48000	65000	65000	65000	2600
72	NUTR 35	35	72	29	28	44	1.1	0.6	65000	93000	45000	61000	32000	61000	2100
80	NUTR 35 80	35	80	29	28	44	1.1	0.6	65000	93000	51000	72000	72000	72000	2100
80	NUTR 40	40	80	32	30	51	1.1	0.6	90000	134000	56000	76000	30500	60000	1600
85	NUTR 45	45	85	32	30	55	1.1	0.6	95000	147000	56000	79000	31500	61000	1400
90	NUTR 40 90	40	90	32	30	51	1.1	0.6	90000	134000	66000	96000	84000	96000	1600
90	NUTR 50	50	90	32	30	60	1.1	0.6	100000	161000	57000	81000	32000	63000	1300
100	NUTR 45 100	45	100	32	30	55	1.1	0.6	95000	147000	72000	10800	106000	108000	1400
110	NUTR 50 110	50	110	32	30	60	1.1	0.6	100000	161000	76000	121000	121000	121000	1300

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