

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.

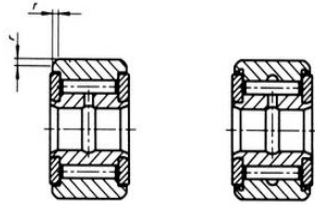
Needle roller bearings are single or double row units comprising machined outer rings with ribs, needle roller and cage assemblies and removable inner rings.

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:CRY Series



CRY...V

CRY...VUU

Motion(shanghai)Industrial Development Co.,Ltd

Shaft diameter mm	Bearing Designation		Boundary Dimensions mm				Boundary Dimensions mm		Load Ratings		Limiting Speed rpm	
	Basic type	Sealed type	d	D	B	C	a	C	C0			
6.35	CRY 12 V	CRY 12 VUU	6.35	19.05	0.5625	14.288	12.7	1.567	14.4	890	1250	8500
6.35	CRY 14 V	CRY 14 VUU	6.35	22.225	0.5625	14.288	12.7	1.567	14.4	890	1250	8500
7.938	CRY 16 V	CRY 16 VUU	7.938	25.4	0.6875	17.463	15.875	1.772	19.6	1330	2310	6300
7.938	CRY 18 V	CRY 18 VUU	7.938	28.575	0.6875	17.463	15.875	1.772	19.6	1330	2310	6300
9.525	CRY 20 V	CRY 20 VUU	9.525	31.75	0.8125	20.638	19.05	1.984	25	2400	3230	5500
9.525	CRY 22 V	CRY 22 VUU	9.525	34.925	0.8125	20.638	19.05	1.984	25	2400	3230	5500
11.112	CRY 24 V	CRY 24 VUU	11.112	38.1	0.9375	23.813	22.225	1.134	28.8	2870	4090	4700
11.112	CRY 26 V	CRY 26 VUU	11.112	41.275	0.9375	23.813	22.225	1.134	28.8	2870	4090	4700
12.7	CRY 28 V	CRY 28 VUU	12.7	44.45	1.0625	26.988	25.4	1.287	32.7	3590	5670	4000
12.7	CRY 30 V	CRY 30 VUU	12.7	47.625	1.0625	26.988	25.4	1.287	32.7	3590	5670	4000
15.875	CRY 32 V	CRY 32 VUU	15.875	50.8	1.3125	33.338	31.75	1.417	36	4660	8220	3600
15.875	CRY 36 V	CRY 36 VUU	15.875	57.15	1.3125	33.338	31.75	1.417	36	4660	8220	3600
19.05	CRY 40 V	CRY 40 VUU	19.05	63.5	1.5625	39.688	38.1	1.705	43.3	6260	11900	3000
19.05	CRY 44 V	CRY 44 VUU	19.05	69.85	1.5625	39.688	38.1	1.705	43.3	6260	11900	3000

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