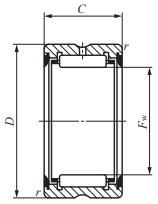
MACHINED TYPE NEEDLE ROLLER BEARINGS

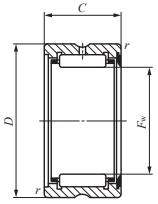
With Seal, Without Inner Ring



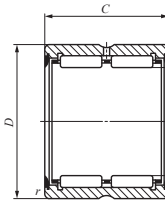




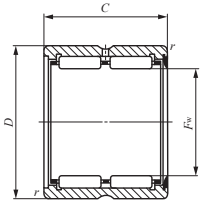
RNA49 ··· UU
RNA69 ··· UU($F_w \leqq 35$)



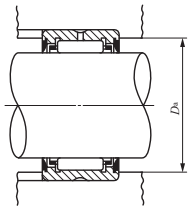
RNA49 ··· U
RNA69 ··· U($F_w \leqq 35$)



RNA69 ··· UU



RNA69 ··· U



Shaft dia. 14 — 45mm

Shaft dia. mm	Identification number: With two seals	With one seal	With two seals	With one seal	Mass (Ref.) g	Boundary dimensions mm: F_w	D	C	$r_{s\,min}$ (1)	Standard mounting dimension D_a Max. mm	Basic dynamic load rating C N	Basic static load rating C_0 N	Allowable rotational speed(2) min⁻¹
14	**RNA 4900UU**	**RNA 4900U**	—	—	16.3	14	22	13	0.3	20	8 080	8 490	14 000
16	**RNA 4901UU**	**RNA 4901U**	—	—	17.9	16	24	13	0.3	22	8 470	9 320	12 000
	—	—	**RNA 6901UU**	**RNA 6901U**	30	16	24	22	0.3	22	15 500	20 400	12 000
18	**RNA 49/14UU**	**RNA 49/14U**	—	—	19.7	18	26	13	0.3	24	9 260	10 800	11 000
20	**RNA 4902UU**	**RNA 4902U**	—	—	21.5	20	28	13	0.3	26	9 570	11 600	9 500
	—	—	**RNA 6902UU**	**RNA 6902U**	37.5	20	28	23	0.3	26	18 500	27 100	9 500
22	**RNA 4903UU**	**RNA 4903U**	—	—	23	22	30	13	0.3	28	10 300	13 100	8 500
	—	—	**RNA 6903UU**	**RNA 6903U**	40.5	22	30	23	0.3	28	19 800	30 600	8 500
25	**RNA 4904UU**	**RNA 4904U**	—	—	54.5	25	37	17	0.3	35	18 000	20 500	7 500
	—	—	**RNA 6904UU**	**RNA 6904U**	95.5	25	37	30	0.3	35	33 000	44 600	7 500
28	**RNA 49/22UU**	**RNA 49/22U**	—	—	55.5	28	39	17	0.3	37	18 300	23 700	7 000
	—	—	**RNA 69/22UU**	**RNA 69/22U**	97.5	28	39	30	0.3	37	33 800	52 000	7 000
30	**RNA 4905UU**	**RNA 4905U**	—	—	63	30	42	17	0.3	40	20 300	25 100	6 500
	—	—	**RNA 6905UU**	**RNA 6905U**	111	30	42	30	0.3	40	39 200	58 700	6 500
32	**RNA 49/28UU**	**RNA 49/28U**	—	—	75.5	32	45	17	0.3	43	21 000	26 800	6 000
	—	—	**RNA 69/28UU**	**RNA 69/28U**	133	32	45	30	0.3	43	38 900	59 100	6 000
35	**RNA 4906UU**	**RNA 4906U**	—	—	71	35	47	17	0.3	45	21 500	28 400	5 500
	—	—	**RNA 6906UU**	**RNA 6906U**	125	35	47	30	0.3	45	40 100	63 000	5 500
40	**RNA 49/32UU**	**RNA 49/32U**	—	—	94.5	40	52	20	0.6	48	29 400	44 200	5 000
	—	—	**RNA 69/32UU**	**RNA 69/32U**	170	40	52	36	0.6	48	50 300	88 300	5 000
42	**RNA 4907UU**	**RNA 4907U**	—	—	112	42	55	20	0.6	51	30 100	46 300	4 500
	—	—	**RNA 6907UU**	**RNA 6907U**	200	42	55	36	0.6	51	51 600	92 600	4 500
45	**RNA 49/38UU**	**RNA 49/38U**	—	—	119	45	58	20	0.6	54	31 600	50 400	4 000

Notes(1) Minimum allowable value of chamfer dimension r
(2) Allowable rotational speed applies to grease lubrication.

Remarks1. The outer ring has an oil groove and an oil hole.
2. Bearings are provided with prepacked grease. Bearings with a seal on one side are not provided with prepacked grease. Perform proper lubrication for use.

1N=0.102kgf=0.2248lbs.
1mm=0.03937inch