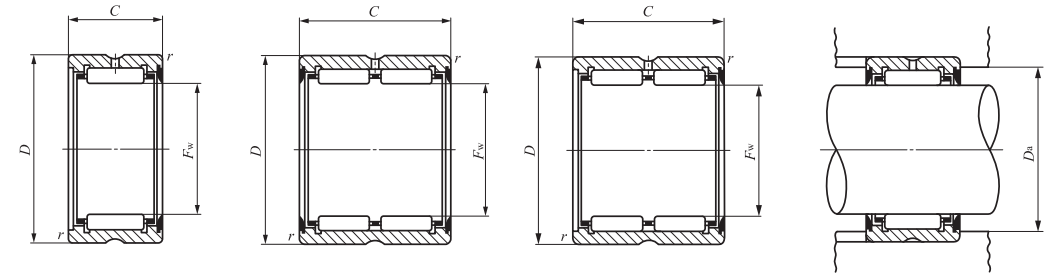


MACHINED TYPE NEEDLE ROLLER BEARINGS

With Seal, Without Inner Ring



RNA49...UU



RNA49...U

RNA69...UU

RNA69...U

Shaft dia. 48 – 85mm

Shaft dia. mm	Identification number				Mass (Ref.) g	Boundary dimensions mm			
	With two seals	With one seal	With two seals	With one seal		F_w	D	C	$r_{s\ min}^{(1)}$
48	RNA 4908UU	RNA 4908U	—	—	150	48	62	22	0.6
	—	—	RNA 6908UU	RNA 6908U	270	48	62	40	0.6
50	RNA 49/42UU	RNA 49/42U	—	—	173	50	65	22	0.6
52	RNA 4909UU	RNA 4909U	—	—	197	52	68	22	0.6
	—	—	RNA 6909UU	RNA 6909U	355	52	68	40	0.6
55	RNA 49/48UU	RNA 49/48U	—	—	187	55	70	22	0.6
58	RNA 4910UU	RNA 4910U	—	—	177	58	72	22	0.6
	—	—	RNA 6910UU	RNA 6910U	320	58	72	40	0.6
60	RNA 49/52UU	RNA 49/52U	—	—	200	60	75	22	0.6
63	RNA 4911UU	RNA 4911U	—	—	265	63	80	25	1
	—	—	RNA 6911UU	RNA 6911U	470	63	80	45	1
65	RNA 49/58UU	RNA 49/58U	—	—	275	65	82	25	1
68	RNA 4912UU	RNA 4912U	—	—	285	68	85	25	1
	—	—	RNA 6912UU	RNA 6912U	505	68	85	45	1
70	RNA 49/62UU	RNA 49/62U	—	—	320	70	88	25	1
72	RNA 4913UU	RNA 4913U	—	—	325	72	90	25	1
	—	—	RNA 6913UU	RNA 6913U	580	72	90	45	1
75	RNA 49/68UU	RNA 49/68U	—	—	465	75	95	30	1
80	RNA 4914UU	RNA 4914U	—	—	495	80	100	30	1
	—	—	RNA 6914UU	RNA 6914U	910	80	100	54	1
85	RNA 4915UU	RNA 4915U	—	—	520	85	105	30	1
	—	—	RNA 6915UU	RNA 6915U	960	85	105	54	1

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.

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
58	37 200	58 400	4 000
58	63 700	117 000	4 000
61	38 000	60 900	4 000
64	38 900	63 400	3 500
64	66 600	127 000	3 500
66	39 600	66 100	3 500
68	41 300	71 100	3 500
68	70 800	142 000	3 500
71	42 100	73 600	3 000
75	52 200	85 700	3 000
75	89 400	171 000	3 000
77	53 400	89 200	3 000
80	54 500	92 800	3 000
80	93 400	186 000	3 000
83	55 700	96 300	2 500
85	56 800	99 800	2 500
85	97 400	200 000	2 500
90	73 900	133 000	2 500
95	76 900	143 000	2 500
95	124 000	281 000	2 500
100	79 600	153 000	2 000
100	128 000	299 000	2 000