

MACHINED TYPE NEEDLE ROLLER BEARINGS

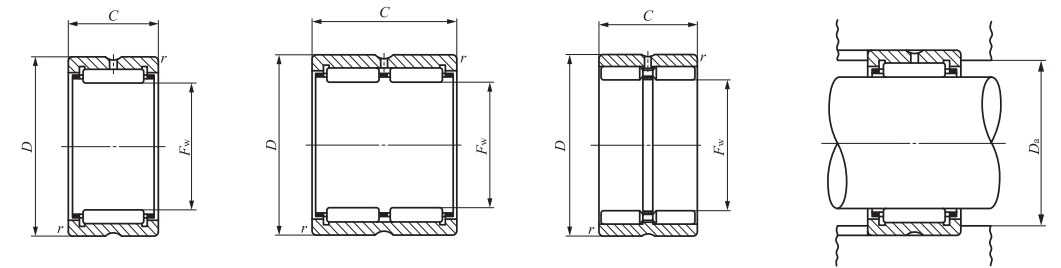
Without Inner Ring



Shaft dia. 52 – 68mm

Shaft dia. mm	Identification number						Mass (Ref.) g
	RNA 49	RNA 69	RNA 48	TAF	TR	GTR	
52	RNA 4909	—	—	—	—	—	197
	—	RNA 6909	—	—	—	—	355
55	—	—	—	TAF 556825	—	—	193
	—	—	—	TAF 556835	—	—	255
	RNA 49/48	—	—	—	—	—	188
58	RNA 4910	—	—	—	—	—	179
	—	RNA 6910	—	—	—	—	320
60	—	—	—	TAF 607225	—	—	187
	—	—	—	TAF 607235	—	—	260
	RNA 49/52	—	—	—	—	—	205
62	—	—	—	—	TR 628138	—	460
	—	—	—	—	—	GTR 628138	520
63	RNA 4911	—	—	—	—	—	265
	—	RNA 6911	—	—	—	—	475
65	—	—	—	TAF 657825	—	—	225
	—	—	—	TAF 657835	—	—	315
	RNA 49/58	—	—	—	—	—	275
68	—	—	—	TAF 688225	—	—	250
	—	—	—	TAF 688235	—	—	350
	RNA 4912	—	—	—	—	—	285
	—	RNA 6912	—	—	—	—	510

Notes⁽¹⁾ Minimum allowable value of chamfer dimension *r*
⁽²⁾ Allowable rotational speed applies to oil lubrication. For grease lubrication, a maximum of 60% of this value is allowable.
 Remarks1. The outer ring has an oil groove and an oil hole.
 2. No grease is prepacked. Perform proper lubrication.



RNA49 TAF TR

RNA69

GTR

F_w	Boundary dimensions mm			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
	D	C	$r_{s \min}^{(1)}$				
52	68	22	0.6	64	43 500	73 300	7 500
52	68	40	0.6	64	74 600	147 000	7 500
55	68	25	0.3	66	45 400	94 000	7 500
55	68	35	0.3	66	61 200	138 000	7 500
55	70	22	0.6	66	44 300	76 300	7 500
58	72	22	0.6	68	46 200	82 100	7 000
58	72	40	0.6	68	79 200	164 000	7 000
58	77	45	1	72	104 000	191 000	7 000
58	77	45	1	72	135 000	280 000	2 500
60	72	25	0.3	70	47 500	103 000	6 500
60	72	35	0.3	70	64 100	151 000	6 500
60	75	22	0.6	71	47 100	85 100	6 500
62	81	38	1	76	92 000	166 000	6 500
62	81	38	1	76	118 000	241 000	2 500
63	80	25	1	75	57 600	97 200	6 500
63	80	45	1	75	98 700	194 000	6 500
65	78	25	0.6	74	49 600	112 000	6 000
65	78	35	0.6	74	67 000	164 000	6 000
65	82	25	1	77	58 900	101 000	6 000
68	82	25	0.6	78	54 800	117 000	6 000
68	82	35	0.6	78	72 000	166 000	6 000
68	85	25	1	80	60 200	105 000	6 000
68	85	45	1	80	103 000	211 000	6 000

D
NA
TAFI
TRI
BRI