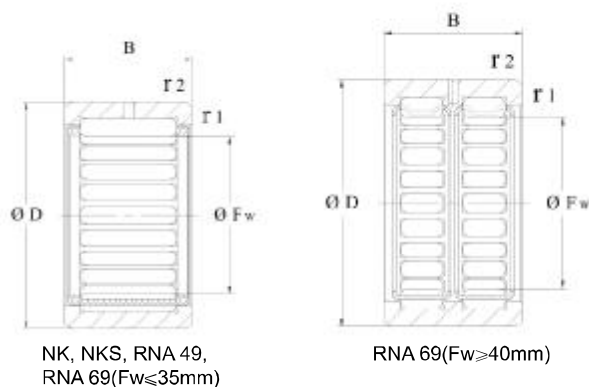


## Needle roller bearings without inner rings

Series NK..  
NKS..  
RNA 49..  
RNA 69..



Shaft diameter	Dimensions				Load ratings		Speed ratings		Code bearing HMEC	Weight ≈ kg
	F <sub>w</sub>	D	B	r <sub>1, r2</sub> min	dyn. C	stat. Co	min <sup>-1</sup>			
	mm	mm	mm	mm	kN		ng grease	ng Oil		
5	5	10	10	0.15	2.1	1.8	26000	40000	<b>NK5/10TN</b>	0.004
	5	10	12	0.15	2.9	2.7	26000	40000	<b>NK5/12TN</b>	0.004
6	6	12	10	0.15	3.1	3	22000	36000	<b>NK6/10</b>	0.005
	6	12	12	0.15	2.9	2.8	22000	36000	<b>NK6/12TN</b>	0.006
7	7	14	10	0.3	2.7	2.5	20000	34000	<b>NK7/10TN</b>	0.007
	7	14	12	0.3	3.3	3.4	20000	34000	<b>NK7/12TN</b>	0.009
8	8	15	12	0.3	4.4	5.0	19000	32000	<b>NK8/12</b>	0.011
	8	15	16	0.3	5.6	6.8	19000	32000	<b>NK8/16</b>	0.013
9	9	16	12	0.3	4.1	4.8	18000	30000	<b>NK9/12</b>	0.012
	9	16	16	0.3	5.9	7.7	18000	30000	<b>NK9/16</b>	0.015
10	10	17	12	0.3	5.2	6.6	17000	28000	<b>NK10/12</b>	0.013
	10	17	16	0.3	5.6	7.4	17000	28000	<b>NK10/16</b>	0.016
12	12	19	12	0.3	5.7	6.6	16000	26000	<b>NK12/12</b>	0.013
	12	19	16	0.3	6.4	9.2	16000	26000	<b>NK12/16</b>	0.018
14	14	22	13	0.3	8.2	9.2	16000	26000	<b>RNA4900</b>	0.018
	14	22	16	0.3	11.0	13.7	16000	26000	<b>NK14/16</b>	0.023
	14	22	20	0.3	13.2	17.3	16000	26000	<b>NK14/20</b>	0.028