

ROLLER BEARINGS

Caged Roller Bearings With Seal

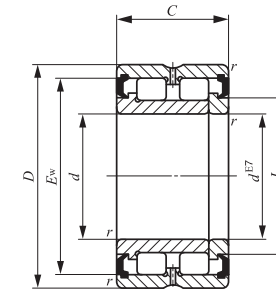
Full Complement Roller Bearings With Seal



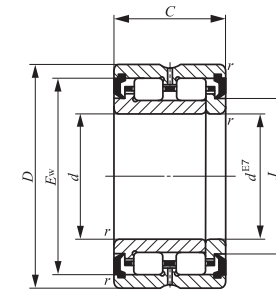
Shaft dia. 42 – 80mm

Shaft dia. mm	Identification number			Mass (Ref.) g	Boundary dimensions mm				
	Full complement type	Caged type			<i>d</i>	<i>D</i>	<i>C</i>	<i>r_s min</i> ⁽¹⁾	<i>J</i>
42	—	—	TRU 426230UU	290	42	62	30	0.6	48
45	NAG 4909UU	—	—	265	45	68	22	0.6	51
	—	—	TRU 456430UU	295	45	64	30	0.6	50.5
	—	NAU 4909UU	—	260	45	68	22	0.6	51
50	NAG 4910UU	—	—	270	50	72	22	0.6	55.5
	—	NAU 4910UU	—	265	50	72	22	0.6	55.5
	—	—	TRU 507745UU	710	50	77	45	1	58
55	NAG 4911UU	—	—	395	55	80	25	1	61.5
	—	NAU 4911UU	—	385	55	80	25	1	61.5
	—	—	TRU 558138UU	615	55	81	38	1	61.5
60	NAG 4912UU	—	—	425	60	85	25	1	67
	—	NAU 4912UU	—	415	60	85	25	1	67
	—	—	TRU 608945UU	880	60	89	45	1	69.5
65	NAG 4913UU	—	—	455	65	90	25	1	72
	—	NAU 4913UU	—	440	65	90	25	1	72
70	NAG 4914UU	—	—	725	70	100	30	1	79
	—	NAU 4914UU	—	705	70	100	30	1	79
75	NAG 4915UU	—	—	775	75	105	30	1	83.5
	—	NAU 4915UU	—	750	75	105	30	1	83.5
	—	—	TRU 7510845UU	1 240	75	108	45	1	85.5
80	NAG 4916UU	—	—	815	80	110	30	1	89.5
	—	NAU 4916UU	—	790	80	110	30	1	89.5

Notes⁽¹⁾ Minimum allowable value of chamfer dimension *r*
⁽²⁾ Allowable rotational speed applies to grease lubrication. Considering that the axial load acts under practical operating conditions, up to 1/10 of this value is recommended for actual use.
 Remarks1. The outer ring has an oil groove and two oil holes.
 2. The bearings with seals are provided with prepacked grease.



NAG49 ... UU



NAU49 ... UU
TRU ... UU

<i>E_w</i>	Basic dynamic load rating <i>C</i> N	Basic static load rating <i>C₀</i> N	Allowable rotational speed ⁽²⁾ min ⁻¹
56.5	34 600	57 800	4 000
61	36 400	54 700	2 500
58.5	32 600	59 700	3 500
61	24 800	32 800	3 500
65.5	38 200	59 900	2 500
65.5	26 200	36 200	3 500
69	75 700	134 000	3 500
72.5	48 100	77 700	2 000
72.5	33 000	47 000	3 000
72.5	61 400	104 000	3 000
77.5	50 300	84 300	2 000
77.5	34 700	51 400	3 000
81.5	88 100	152 000	3 000
83	53 200	93 000	1 900
83	36 900	57 100	2 500
91.5	77 700	139 000	1 800
91.5	53 700	84 600	2 500
95.5	80 000	146 000	1 700
95.5	54 800	88 200	2 500
98.5	103 000	190 000	2 000
102	83 000	157 000	1 600
102	57 200	95 500	2 000