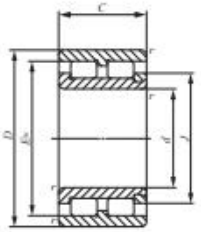
SORUPACHAI

ROLLER BEARINGS

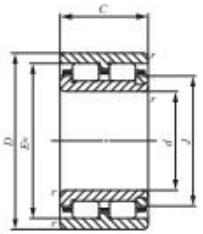
Caged Roller Bearings
Full Complement Roller Bearings



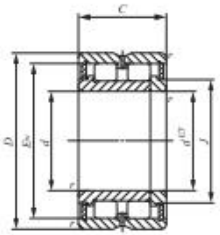




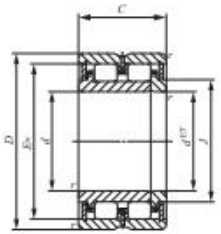
NAG49
($d \leq 17$)



NAU49
($d \leq 17$)



NAG49



NAU49 TRU

Shaft dia. 10 — 35mm

Shaft dia. mm	Identification number: Full complement type	Identification number: Caged type		Mass (Ref.) g	Boundary dimensions mm: d	D	C	$r_{s\,min}$ (1)	J	E_w	Basic dynamic load rating C N	Basic static load rating C_0 N	Allowable rotational speed (2) min⁻¹
10	NAG 4900	—	—	25.5	10	22	13	0.3	15.5	18.5	9 650	10 800	17 000
	—	NAU 4900	—	24.5	10	22	13	0.3	15.5	18.5	6 580	6 470	30 000
12	NAG 4901	—	—	28.5	12	24	13	0.3	17	20	10 300	12 000	15 000
	—	NAU 4901	—	27.5	12	24	13	0.3	17	20	6 950	7 120	25 000
15	NAG 4902	—	—	38	15	28	13	0.3	21	24	11 800	15 200	12 000
	—	NAU 4902	—	36.5	15	28	13	0.3	21	24	7 950	9 020	20 000
	—	—	TRU 153320	80.5	15	33	20	0.3	19.5	27	10 400	10 400	20 000
17	NAG 4903	—	—	41	17	30	13	0.3	22.5	25.5	12 300	16 500	11 000
	—	NAU 4903	—	39.5	17	30	13	0.3	22.5	25.5	8 240	9 670	19 000
	—	—	TRU 173425	100	17	34	25	0.3	21.5	29.5	18 000	21 600	18 000
20	NAG 4904	—	—	76.5	20	37	17	0.3	24	31.5	15 600	18 900	9 500
	—	NAU 4904	—	76	20	37	17	0.3	24	31.5	10 700	11 300	16 000
	—	—	TRU 203820	96.5	20	38	20	0.3	25	32.5	12 100	13 400	16 000
	—	—	TRU 203825	122	20	38	25	0.3	25	32.5	18 700	23 600	16 000
25	NAG 4905	—	—	89.5	25	42	17	0.3	29.5	37	17 500	23 200	7 500
	—	NAU 4905	—	89	25	42	17	0.3	29.5	37	11 900	13 900	13 000
	—	—	TRU 254425	154	25	44	25	0.3	30.5	38	21 000	28 900	13 000
28	—	—	TRU 284530	173	28	45	30	0.3	31.5	39.5	28 700	43 800	12 000
30	NAG 4906	—	—	103	30	47	17	0.3	34	41.5	19 400	27 600	6 500
	—	NAU 4906	—	102	30	47	17	0.3	34	41.5	13 000	16 200	12 000
	—	—	TRU 304830	197	30	48	30	0.3	35	42.5	29 400	46 600	11 000
32	—	—	TRU 325230	260	32	52	30	0.6	38	46	29 800	44 200	10 000
35	NAG 4907	—	—	172	35	55	20	0.6	40	49	28 700	43 800	5 500
	—	NAU 4907	—	168	35	55	20	0.6	40	49	19 500	26 300	10 000
	—	—	TRU 355630	270	35	56	30	0.6	40	49	32 200	49 800	10 000

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. Considering that the axial load acts under practical operating conditions, up to 1/10 of this value is recommended for actual use.

Remarks1. The NAG and NAU series with a bore diameter d of 17 mm or less have no oil hole. In others, the outer ring has an oil groove and two oil holes.
2. No grease is prepacked. Perform proper lubrication.

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

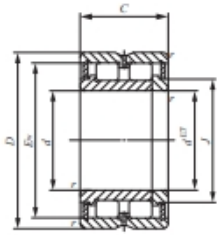
SORUPACHAI

ROLLER BEARINGS

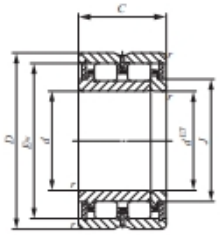
Caged Roller Bearings
Full Complement Roller Bearings







NAG49



NAU49 TRU

Shaft dia. 40 — 80mm

Shaft dia. mm	Identification number: Full complement type	Caged type		Mass (Ref.) g	Boundary dimensions mm: d	D	C	$r_{s\,min}$ (1)	J	Basic dynamic load rating C E_w	N	Basic static load rating C_0 N	Allowable rotational speed(2) min⁻¹
40	NAG 4908	—	—	225	40	62	22	0.6	46	56	34 600	49 500	5 000
	—	—	TRU 405930	265	40	59	30	0.6	45	52.5	34 700	62 500	8 500
	—	NAU 4908	—	220	40	62	22	0.6	46	56	23 400	29 400	8 500
42	—	—	TRU 426230	290	42	62	30	0.6	48	56.5	34 600	57 800	8 000
45	NAG 4909	—	—	265	45	68	22	0.6	51	61	36 400	54 700	4 500
	—	—	TRU 456430	295	45	64	30	0.6	50.5	58.5	32 600	59 700	8 000
	—	NAU 4909	—	260	45	68	22	0.6	51	61	24 800	32 800	8 000
50	NAG 4910	—	—	270	50	72	22	0.6	55.5	65.5	38 200	59 900	4 000
	—	NAU 4910	—	265	50	72	22	0.6	55.5	65.5	26 200	36 200	7 000
	—	—	TRU 507745	710	50	77	45	1	58	69	75 700	134 000	7 000
55	NAG 4911	—	—	395	55	80	25	1	61.5	72.5	48 100	77 700	3 500
	—	NAU 4911	—	385	55	80	25	1	61.5	72.5	33 000	47 000	6 500
	—	—	TRU 558138	615	55	81	38	1	61.5	72.5	61 400	104 000	6 500
60	NAG 4912	—	—	425	60	85	25	1	67	77.5	50 300	84 300	3 500
	—	NAU 4912	—	415	60	85	25	1	67	77.5	34 700	51 400	6 000
	—	—	TRU 608945	880	60	89	45	1	69.5	81.5	88 100	152 000	6 000
65	NAG 4913	—	—	455	65	90	25	1	72	83	53 200	93 000	3 000
	—	NAU 4913	—	440	65	90	25	1	72	83	36 900	57 100	5 500
70	NAG 4914	—	—	725	70	100	30	1	79	91.5	77 700	139 000	3 000
	—	NAU 4914	—	705	70	100	30	1	79	91.5	53 700	84 600	5 000
75	NAG 4915	—	—	775	75	105	30	1	83.5	95.5	80 000	146 000	2 500
	—	NAU 4915	—	750	75	105	30	1	83.5	95.5	54 800	88 200	5 000
	—	—	TRU 7510845	1 240	75	108	45	1	85.5	98.5	103 000	190 000	4 500
80	NAG 4916	—	—	815	80	110	30	1	89.5	102	83 000	157 000	2 500
	—	NAU 4916	—	790	80	110	30	1	89.5	102	57 200	95 500	4 500

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. Considering that the axial load acts under practical operating conditions, up to 1/10 of this value is recommended for actual use.

Remarks 1. The outer ring has an oil groove and two oil holes.
2. No grease is prepacked. Perform proper lubrication.

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

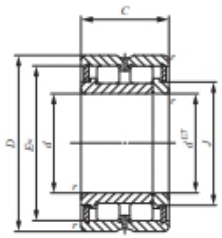
SORUPACHAI

ROLLER BEARINGS

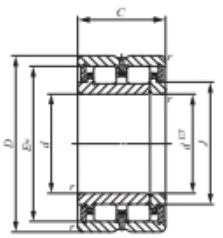
Caged Roller Bearings
Full Complement Roller Bearings







NAG49



NAU49 TRU

Shaft dia. 85 — 140mm

Shaft dia. mm	Identification number: Full complement type	Identification number: Caged type		Mass (Ref.) g	Boundary dimensions mm: d	D	C	$r_{s\,min}$ (1)	J	Basic dynamic load rating C E_w	C N	Basic static load rating C_0 N	Allowable rotational speed (2) min⁻¹
85	NAG 4917	—	—	1 190	85	120	35	1.5	96	110	111 000	200 000	2 500
	—	—	TRU 8511850	1 530	85	118	50	1	94.5	107.5	114 000	222 000	4 000
	—	NAU 4917	—	1 150	85	120	35	1.5	96	110	75 400	120 000	4 000
	—	—	TRU 8512045	1 500	85	120	45	1.5	96.5	110	110 000	215 000	4 000
90	NAG 4918	—	—	1 250	90	125	35	1.5	101	115.5	114 000	211 000	2 500
	—	NAU 4918	—	1 210	90	125	35	1.5	101	115.5	79 500	130 000	4 000
	—	—	TRU 9012550	1 740	90	125	50	1.5	101	114	119 000	240 000	4 000
95	NAG 4919	—	—	1 300	95	130	35	1.5	106	120.5	117 000	222 000	2 000
	—	NAU 4919	—	1 270	95	130	35	1.5	106	120.5	81 000	136 000	4 000
100	NAG 4920	—	—	1 850	100	140	40	1.5	114.5	129.5	152 000	292 000	2 000
	—	—	TRU 10013550	1 900	100	135	50	1.5	112	125.5	124 000	264 000	3 500
	—	NAU 4920	—	1 770	100	140	40	1.5	114.5	129.5	106 000	181 000	3 500
105	—	—	TRU 10515350	2 890	105	153	50	1.5	120	138	159 000	286 000	3 500
110	NAG 4922	—	—	2 010	110	150	40	1.5	123	138.5	161 000	322 000	1 900
	—	NAU 4922	—	1 930	110	150	40	1.5	123	138.5	113 000	200 000	3 500
120	NAG 4924	—	—	2 780	120	165	45	1.5	136	153.5	208 000	431 000	1 700
	—	NAU 4924	—	2 680	120	165	45	1.5	136	153.5	146 000	268 000	3 000
125	—	—	TRU 12517860	4 490	125	178	60	1.5	143.5	162	211 000	408 000	3 000
130	NAG 4926	—	—	3 750	130	180	50	2	147	165.5	240 000	495 000	1 600
	—	NAU 4926	—	3 610	130	180	50	2	147	165.5	166 000	304 000	2 500
135	—	—	TRU 13518860	4 790	135	188	60	1.5	154	172.5	220 000	442 000	2 500
140	NAG 4928	—	—	3 990	140	190	50	2	157.5	176	249 000	531 000	1 500
	—	NAU 4928	—	3 840	140	190	50	2	157.5	176	174 000	327 000	2 500

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. 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. No grease is prepacked. Perform proper lubrication.

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

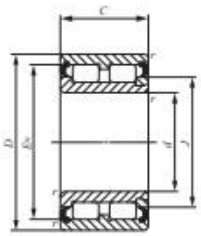
SORUPACHAI

ROLLER BEARINGS

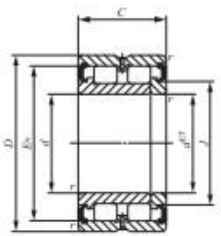
Caged Roller Bearings With Seal
Full Complement Roller Bearings With Seal



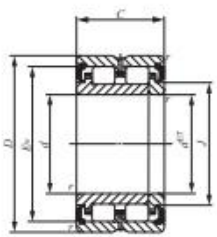




NAG49 ··· UU
($d \leq 17$)



NAG49 ··· UU



NAU49 ··· UU
TRU ··· UU

Shaft dia. 10 — 40mm

Shaft dia. mm	Identification number: Full complement type	Identification number: Caged type		Mass (Ref.) g	Boundary dimensions mm: d	D	C	$r_{s\,min}$ (1)	J	E_w	Basic dynamic load rating C N	Basic static load rating C_0 N	Allowable rotational speed(2) min^{-1}
10	NAG 4900UU	—	—	25.5	10	22	13	0.3	15.5	19.5	9 650	10 800	10 000
12	NAG 4901UU	—	—	28.5	12	24	13	0.3	17	21	10 300	12 000	9 000
15	NAG 4902UU	—	—	38	15	28	13	0.3	21	25	11 800	15 200	7 000
	—	—	TRU 153320UU	80.5	15	33	20	0.3	19.5	27	10 400	10 400	9 500
17	NAG 4903UU	—	—	41	17	30	13	0.3	22.5	26.5	12 300	16 500	6 500
	—	—	TRU 173425UU	100	17	34	25	0.3	21.5	29.5	18 000	21 600	8 500
20	NAG 4904UU	—	—	76.5	20	37	17	0.3	24	31.5	15 600	18 900	5 500
	—	NAU 4904UU	—	76	20	37	17	0.3	24	31.5	10 700	11 300	8 000
	—	—	TRU 203820UU	96.5	20	38	20	0.3	25	32.5	12 100	13 400	7 500
	—	—	TRU 203825UU	122	20	38	25	0.3	25	32.5	18 700	23 600	7 500
25	NAG 4905UU	—	—	89.5	25	42	17	0.3	29.5	37	17 500	23 200	4 500
	—	NAU 4905UU	—	89	25	42	17	0.3	29.5	37	11 900	13 900	6 500
	—	—	TRU 254425UU	154	25	44	25	0.3	30.5	38	21 000	28 900	6 000
28	—	—	TRU 284530UU	173	28	45	30	0.3	31.5	39.5	28 700	43 800	6 000
30	NAG 4906UU	—	—	103	30	47	17	0.3	34	41.5	19 400	27 600	4 000
	—	NAU 4906UU	—	102	30	47	17	0.3	34	41.5	13 000	16 200	5 500
	—	—	TRU 304830UU	197	30	48	30	0.3	35	42.5	29 400	46 600	5 500
32	—	—	TRU 325230UU	260	32	52	30	0.6	38	46	29 800	44 200	5 000
35	NAG 4907UU	—	—	172	35	55	20	0.6	40	49	28 700	43 800	3 500
	—	NAU 4907UU	—	168	35	55	20	0.6	40	49	19 500	26 300	4 500
	—	—	TRU 355630UU	270	35	56	30	0.6	40	49	32 200	49 800	4 500
40	NAG 4908UU	—	—	225	40	62	22	0.6	46	56	34 600	49 500	3 000
	—	—	TRU 405930UU	265	40	59	30	0.6	45	52.5	34 700	62 500	4 000
	—	NAU 4908UU	—	220	40	62	22	0.6	46	56	23 400	29 400	4 000

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 NAG and NAU series with a bore diameter, d, of 17 mm or less have no oil hole. In others, the outer ring has an oil groove and two oil holes.
2. The bearings with seals are provided with prepacked grease.

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

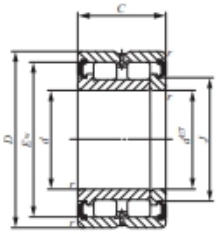
SORUPACHAI

ROLLER BEARINGS

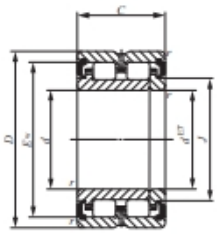
Caged Roller Bearings With Seal
Full Complement Roller Bearings With Seal







NAG49 ··· UU



NAU49 ··· UU
TRU ··· UU

Shaft dia. 42 — 80mm

Shaft dia. mm	Identification number: Full complement type	Identification number: Caged type		Mass (Ref.) g	Boundary dimensions mm: d	D	C	$r_{s\,min}$ (1)	J	E_w	Basic dynamic load rating C N	Basic static load rating C_0 N	Allowable rotational speed(2) min⁻¹
42	—	—	TRU 426230UU	290	42	62	30	0.6	48	56.5	34 600	57 800	4 000
45	NAG 4909UU	—	—	265	45	68	22	0.6	51	61	36 400	54 700	2 500
	—	—	TRU 456430UU	295	45	64	30	0.6	50.5	58.5	32 600	59 700	3 500
	—	NAU 4909UU	—	260	45	68	22	0.6	51	61	24 800	32 800	3 500
50	NAG 4910UU	—	—	270	50	72	22	0.6	55.5	65.5	38 200	59 900	2 500
	—	NAU 4910UU	—	265	50	72	22	0.6	55.5	65.5	26 200	36 200	3 500
	—	—	TRU 507745UU	710	50	77	45	1	58	69	75 700	134 000	3 500
55	NAG 4911UU	—	—	395	55	80	25	1	61.5	72.5	48 100	77 700	2 000
	—	NAU 4911UU	—	385	55	80	25	1	61.5	72.5	33 000	47 000	3 000
	—	—	TRU 558138UU	615	55	81	38	1	61.5	72.5	61 400	104 000	3 000
60	NAG 4912UU	—	—	425	60	85	25	1	67	77.5	50 300	84 300	2 000
	—	NAU 4912UU	—	415	60	85	25	1	67	77.5	34 700	51 400	3 000
	—	—	TRU 608945UU	880	60	89	45	1	69.5	81.5	88 100	152 000	3 000
65	NAG 4913UU	—	—	455	65	90	25	1	72	83	53 200	93 000	1 900
	—	NAU 4913UU	—	440	65	90	25	1	72	83	36 900	57 100	2 500
70	NAG 4914UU	—	—	725	70	100	30	1	79	91.5	77 700	139 000	1 800
	—	NAU 4914UU	—	705	70	100	30	1	79	91.5	53 700	84 600	2 500
75	NAG 4915UU	—	—	775	75	105	30	1	83.5	95.5	80 000	146 000	1 700
	—	NAU 4915UU	—	750	75	105	30	1	83.5	95.5	54 800	88 200	2 500
	—	—	TRU 7510845UU	1 240	75	108	45	1	85.5	98.5	103 000	190 000	2 000
80	NAG 4916UU	—	—	815	80	110	30	1	89.5	102	83 000	157 000	1 600
	—	NAU 4916UU	—	790	80	110	30	1	89.5	102	57 200	95 500	2 000

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.

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

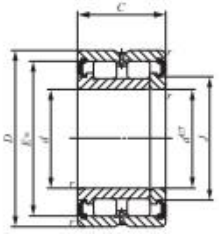
SORUPACHAI

ROLLER BEARINGS

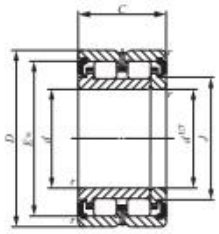
Caged Roller Bearings With Seal
Full Complement Roller Bearings With Seal







NAG49 ··· UU



NAU49 ··· UU
TRU ··· UU

Shaft dia. 85 — 140mm

Shaft dia. mm	Identification number: Full complement type	Identification number: Caged type		Mass (Ref.) g	Boundary dimensions mm: d	D	C	$r_{s\,min}$ (1)	J	E_w	Basic dynamic load rating C N	Basic static load rating C_0 N	Allowable rotational speed(2) min⁻¹
85	NAG 4917UU	—	—	1 190	85	120	35	1.5	96	110	111 000	200 000	1 500
	—	—	TRU 8511850UU	1 530	85	118	50	1	94.5	107.5	114 000	222 000	2 000
	—	NAU 4917UU	—	1 150	85	120	35	1.5	96	110	75 400	120 000	2 000
	—	—	TRU 8512045UU	1 500	85	120	45	1.5	96.5	110	110 000	215 000	2 000
90	NAG 4918UU	—	—	1 250	90	125	35	1.5	101	115.5	114 000	211 000	1 400
	—	NAU 4918UU	—	1 210	90	125	35	1.5	101	115.5	79 500	130 000	1 900
	—	—	TRU 9012550UU	1 740	90	125	50	1.5	101	114	119 000	240 000	1 900
95	NAG 4919UU	—	—	1 300	95	130	35	1.5	106	120.5	117 000	222 000	1 300
	—	NAU 4919UU	—	1 270	95	130	35	1.5	106	120.5	81 000	136 000	1 800
100	NAG 4920UU	—	—	1 850	100	140	40	1.5	114.5	129.5	152 000	292 000	1 200
	—	—	TRU 10013550UU	1 900	100	135	50	1.5	112	125.5	124 000	264 000	1 700
	—	NAU 4920UU	—	1 770	100	140	40	1.5	114.5	129.5	106 000	181 000	1 700
105	—	—	TRU 10515350UU	2 890	105	153	50	1.5	120	138	159 000	286 000	1 600
110	NAG 4922UU	—	—	2 010	110	150	40	1.5	123	138.5	161 000	322 000	1 100
	—	NAU 4922UU	—	1 930	110	150	40	1.5	123	138.5	113 000	200 000	1 600
120	NAG 4924UU	—	—	2 780	120	165	45	1.5	136	153.5	208 000	431 000	1 000
	—	NAU 4924UU	—	2 680	120	165	45	1.5	136	153.5	146 000	268 000	1 400
125	—	—	TRU 12517860UU	4 490	125	178	60	1.5	143.5	162	211 000	408 000	1 400
130	NAG 4926UU	—	—	3 750	130	180	50	2	147	165.5	240 000	495 000	950
	—	NAU 4926UU	—	3 610	130	180	50	2	147	165.5	166 000	304 000	1 300
135	—	—	TRU 13518860UU	4 790	135	188	60	1.5	154	172.5	220 000	442 000	1 300
140	NAG 4928UU	—	—	3 990	140	190	50	2	157.5	176	249 000	531 000	900
	—	NAU 4928UU	—	3 840	140	190	50	2	157.5	176	174 000	327 000	1 200

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.

Remarks 1. The outer ring has an oil groove and two oil holes.
2. The bearings with seals are provided with prepacked grease.

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