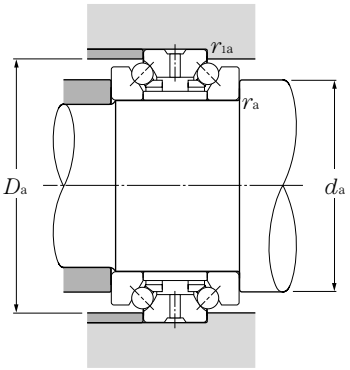


d 25～120mm

Boundary dimensions mm							Basic load ratings dynamic kN		Basic load ratings static kgf		Limiting speeds rpm		Bearing numbers	
d small dia. type	d large dia. type	D	T_1	C	$r_{s\,min}$ ❶	$r_{1s\,min}$ ❶	C_a	C_{oa}	C_a	C_{oa}	grease	oil	small dia. type	large dia. type
25	**27**	47	28	14	0.6	0.3	13.2	28.3	1,350	2,890	7,600	10,000	**562005**	**562005M**
30	**32**	55	32	16	1	0.6	14.0	32.5	1,420	3,350	6,600	8,800	**562006**	**562006M**
35	**37**	62	34	17	1	0.6	19.7	48.5	2,010	4,950	6,000	8,100	**562007**	**562007M**
40	**42**	68	36	18	1	0.6	23.8	58.5	2,430	5,950	5,600	7,500	**562008**	**562008M**
45	**47**	75	38	19	1	0.6	26.0	69.0	2,650	7,000	5,200	6,900	**562009**	**562009M**
50	**52**	80	38	19	1	0.6	26.8	74.0	2,730	7,550	5,000	6,700	**562010**	**562010M**
55	**57**	90	44	22	1.1	0.6	37.0	99.0	3,800	10,100	4,400	5,900	**562011**	**562011M**
60	**62**	95	44	22	1.1	0.6	37.5	103	3,850	10,500	4,300	5,700	**562012**	**562012M**
65	**67**	100	44	22	1.1	0.6	39.0	111	3,950	11,300	4,200	5,600	**562013**	**562013M**
70	**73**	110	48	24	1.1	0.6	47.5	140	4,850	14,300	3,800	5,100	**562014**	**562014M**
75	**78**	115	48	24	1.1	0.6	49.0	150	5,000	15,300	3,700	4,900	**562015**	**562015M**
80	**83**	125	54	27	1.1	0.6	57.5	178	5,850	18,200	3,300	4,500	**562016**	**562016M**
85	**88**	130	54	27	1.1	0.6	58.0	184	5,950	18,800	3,300	4,400	**562017**	**562017M**
90	**93**	140	60	30	1.5	1	67.5	216	6,850	22,000	3,000	4,000	**562018**	**562018M**
95	**98**	145	60	30	1.5	1	68.0	223	6,950	22,700	2,900	3,900	**562019**	**562019M**
100	**104**	140	48	24	1.1	0.6	52.0	179	5,300	18,200	2,800	3,700	**562920**	**562920M**
	103	150	60	30	1.5	1	68.5	229	7,000	23,400	2,900	3,800	**562020**	**562020M**
105	**109**	145	48	24	1.1	0.6	53.5	188	5,450	19,200	2,700	3,600	**562921**	**562921M**
	109	160	66	33	2	1	78.5	266	8,000	27,100	2,600	3,500	**562021**	**562021M**
110	**114**	150	48	24	1.1	0.6	54.0	193	5,500	19,700	2,700	3,600	**562922**	**562922M**
	114	170	72	36	2	1	96.0	315	9,750	32,500	2,400	3,300	**562022**	**562022M**
120	**124**	165	54	27	1.1	0.6	65.0	242	6,600	24,700	2,400	3,200	**562924**	**562924M**
	124	180	72	36	2	1	98.0	335	10,000	34,500	2,400	3,200	**562024**	**562024M**

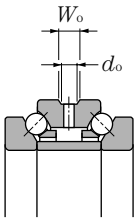
❶ Minimum allowable dimension for chamfer dimension r or r_1. ❷ Ball's maximum circumscribed circle diameter dimension

Note: 1. For small diameter type, the cylindrical bore or tapered bore is provided on the small diameter of double row cylindrical roller bearing series **NNU49**, **NN49**, and **NN30**; for large diameter type (marked with "**M**"), the tapered bore is provided on the large diameter side.



Equivalent bearing load
dynamic
$P_a = F_a$

static
$P_{oa} = F_a$

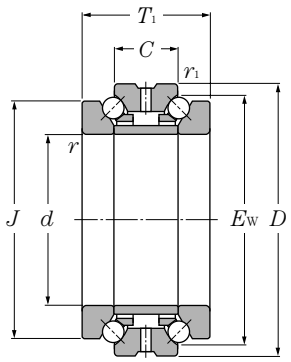


Dimensions mm		Abutment and fillet dimensions mm				Mass (approx.) kg	
J	E_W [2]	d_a min	D_a max	r_{as} max	r_{1as} max	small dia. type	large dia. type
40	41.3	33	44	0.6	0.3	0.197	0.177
47	48.5	40	50.5	1	0.6	0.301	0.28
53	55	45.5	57.5	1	0.6	0.394	0.35
58.5	61	50	63.5	1	0.6	0.482	0.44
65	67.5	56.5	70.5	1	0.6	0.605	0.54
70	72.5	61.5	75.5	1	0.6	0.638	0.59
78	81	67.5	84	1	0.6	0.988	0.9
83	86.1	72.5	89	1	0.6	1.06	0.96
88	91	77.5	94	1	0.6	1.08	1
97	100	85	104	1	0.6	1.53	1.4
102	105	90	109	1	0.6	1.61	1.5
110	113	96.5	119	1	0.6	2.2	2
115	118	102	124	1	0.6	2.31	2.1
123	127	109	133.5	1.5	1	3.05	2.7
128	132	114	138.5	1.5	1	3.18	2.9
126	129	114	134.5	1	0.6	2.04	1.8
133	137	119	143.5	1.5	1	3.32	3
131	134	119	139.5	1	0.6	2.12	1.87
142	146	127	152	2	1	4.19	3.7
136	139	124	144.5	1	0.6	2.21	1.95
150	155	133	162	2	1	5.35	4.9
150	154.5	138	159.5	1	0.6	3.06	2.75
160	165	143	172	2	1	5.73	5.2

Oil inlet, oil groove dimensions Units mm

Nominal outer diameter D over up to/incl		Oil groove width W_o Bearing series		Oil inlet d_o Bearing series	
		5629	5620	5629	5620
—	50	—	4.5	—	2
50	80	—	6	—	3
80	150	8	8	4	4

Note: 2. The following bearing series can be assembled and used together: **5629** (**M**) and **NNU49** (**K**) and **NN49** (**K**); **5620** (**M**) and **NN30** (**K**).
3. These are high precision bearings manufactured at **NTN** standard Class 5 or higher.

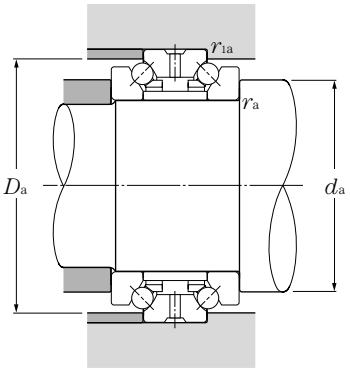


d 130～320mm

Boundary dimensions							Basic load ratings				Limiting speeds		Bearing numbers	
							dynamic	static	dynamic	static				
			mm				kN		kgf		rpm			
d small dia. type	d large dia. type	D	T_1	C	$r_{s\,min}$ ❶	$r_{1s\,min}$ ❶	C_a	C_{oa}	C_a	C_{oa}	grease	oil	small dia. type	large dia. type
130	134	180	60	30	1.5	1	75.0	284	7,650	28,900	2,200	2,900	562926	562926M
	135	200	84	42	2	1	139	460	14,200	47,000	2,100	2,800	562026	562026M
140	144	190	60	30	1.5	1	76.0	297	7,750	30,500	2,100	2,800	562928	562928M
	145	210	84	42	2	1	144	495	14,600	50,500	2,000	2,700	562028	562028M
150	155	210	72	36	2	1	107	410	10,900	41,500	1,800	2,400	562930	562930M
	155	225	90	45	2.1	1.1	147	525	15,000	53,500	1,900	2,500	562030	562030M
160	165	220	72	36	2	1	109	430	11,100	44,000	1,800	2,300	562932	562932M
	165	240	96	48	2.1	1.1	172	620	17,600	63,000	1,700	2,300	562032	562032M
170	175	230	72	36	2	1	111	450	11,300	46,000	1,700	2,300	562934	562934M
	176	260	108	54	2.1	1.1	202	735	20,600	75,000	1,600	2,100	562034	562034M
180	186	250	84	42	2	1	156	605	15,900	62,000	1,500	2,000	562936	562936M
	187	280	120	60	2.1	1.1	234	865	23,900	88,000	1,400	1,900	562036	562036M
190	196	260	84	42	2	1	157	625	16,000	63,500	1,500	2,000	562938	562938M
	197	290	120	60	2.1	1.1	236	890	24,100	91,000	1,400	1,900	562038	562038M
200	207	280	96	48	2.1	1.1	185	735	18,800	75,000	1,300	1,800	562940	562940M
	207	310	132	66	2.1	1.1	271	1,030	27,700	105,000	1,300	1,700	562040	562040M
220	227	300	96	48	2.1	1.1	190	795	19,400	81,000	1,300	1,700	562944	562944M
	228	340	144	72	3	1.1	335	1,270	34,000	129,000	1,200	1,500	562044	562044M
240	247	320	96	48	2.1	1.1	196	850	20,000	87,000	1,200	1,600	562948	562948M
	248	360	144	72	3	1.1	340	1,350	35,000	137,000	1,100	1,500	562048	562048M
260	269	360	120	60	2.1	1.1	261	1,130	26,600	116,000	1,000	1,400	562952	562952M
	269	400	164	82	4	1.5	405	1,710	41,500	174,000	980	1,300	562052	562052M
280	289	380	120	60	2.1	1.1	265	1,190	27,000	121,000	980	1,300	562956	562956M
	289	420	164	82	4	1.5	415	1,810	42,500	185,000	950	1,300	562056	562056M
300	310	420	144	72	3	1.1	335	1510	34,500	154,000	840	1,100	562960	562960M
	310	460	190	95	4	1.5	475	2,170	48,500	221,000	830	1,100	562060	562060M
320	330	440	144	72	3	1.1	340	1,580	35,000	161,000	820	1,100	562964	562964M
	330	480	190	95	4	1.5	480	2,230	49,000	228,000	810	1,100	562064	562064M

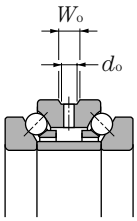
❶ Minimum allowable dimension for chamfer dimension r or r_1. ❷ Ball's maximum circumscribed circle diameter dimension

Note: 1. For small diameter type, the cylindrical bore or tapered bore is provided on the small diameter of double row cylindrical roller bearing series **NNU49**, **NN49**, and **NN30**; for large diameter type (marked with "**M**"), the tapered bore is provided on the large diameter side.



Equivalent bearing load
dynamic
$P_a = F_a$

static
$P_{oa} = F_a$



Dimensions mm		Abutment and fillet dimensions mm				Mass (approx.) kg	
J	E_W [2]	d_a min	D_a max	r_{as} max	r_{1as} max	small dia. type	large dia. type
163	168	150	173.5	1.5	1	4.11	3.7
177	182	155	192	2	1	8.58	7.6
173	178	160	183.5	1.5	1	4.38	3.94
187	192	165	202	2	1	9.1	8.1
190	196.5	174	202	2	1	6.88	6.2
200	206	178	215	2	1	11.2	10
200	206.5	184	212	2	1	7.26	6.53
212	219	189	230	2	1	13.6	11.9
210	216.5	194	222	2	1	7.64	6.88
230	236	203	250	2	1	18.5	16.5
227	234	207	242	2	1	11.2	10
248	255	219	270	2	1	24.7	21.8
237	244	217	252	2	1	11.7	10.5
258	265	229	280	2	1	25.5	23
252	261	231	270	2	1	16.3	14.7
274	282	243	300	2	1	32.7	29.7
272	281	251	290	2	1	17.7	16
304	310	267	330	2.5	1	42.8	38.5
292	301	271	310	2	1	19	17
322	330	287	350	2.5	1	45.8	41.2
328	336	299	350	2	1	32.9	29.6
354	364	315	388	3	1.5	67	60.3
348	356	319	370	2	1	35	31.5
374	384	335	408	3	1.5	71.1	64
384	391	349	410	2.5	1	55	49.5
406	418	364	448	3	1.5	102	91.8
404	411	369	430	2.5	1	58.1	52.3
426	438	384	468	3	1.5	108	97.2

Oil inlet, oil groove dimensions

Units mm

Nominal outer diameter D over up to/incl		Oil groove width W_o Bearing series		Oil inlet d_o Bearing series	
		5629	5620	5629	5620
80	150	8	8	4	4
150	200	8	12	4	6
200	210	12	12	6	6
210	260	12	14	6	6
260	320	14	16	6	8
320	400	16	23	8	12
400	480	22	22	12	12

Note: 2. The following bearing series can be assembled and used together: **5629** (**M**) and **NNU49** (**K**) and **NN49** (**K**); **5620** (**M**) and **NN30** (**K**).
3. These are high precision bearings manufactured at **NTN** standard Class 5 or higher.