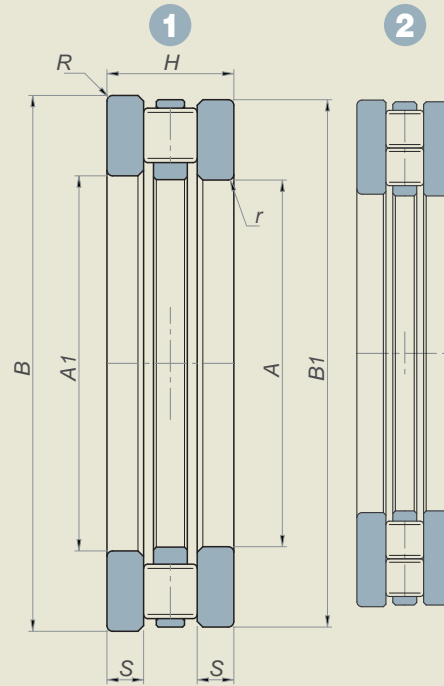


AXIAL CYLINDRICAL ROLLER THRUST BEARINGS

Axial cylindrical roller bearings are made up of one cylindrical roller axial cage, one support thrust ring per GS housing and one thrust ring per WS shaft.

The bearings of series 811 and 812 are used when very high loads must be born. The bearings of series 874, 893 and 894 are used when even higher loads must be born.

Cylindrical roller axial cages have massive structure and have seats like the spokes of a wheel, in which the cylindrical rollers are guided and held. All axial cylindrical roller cages can be combined with the thrust rings for GS housing and with the thrust rings for WS shaft.



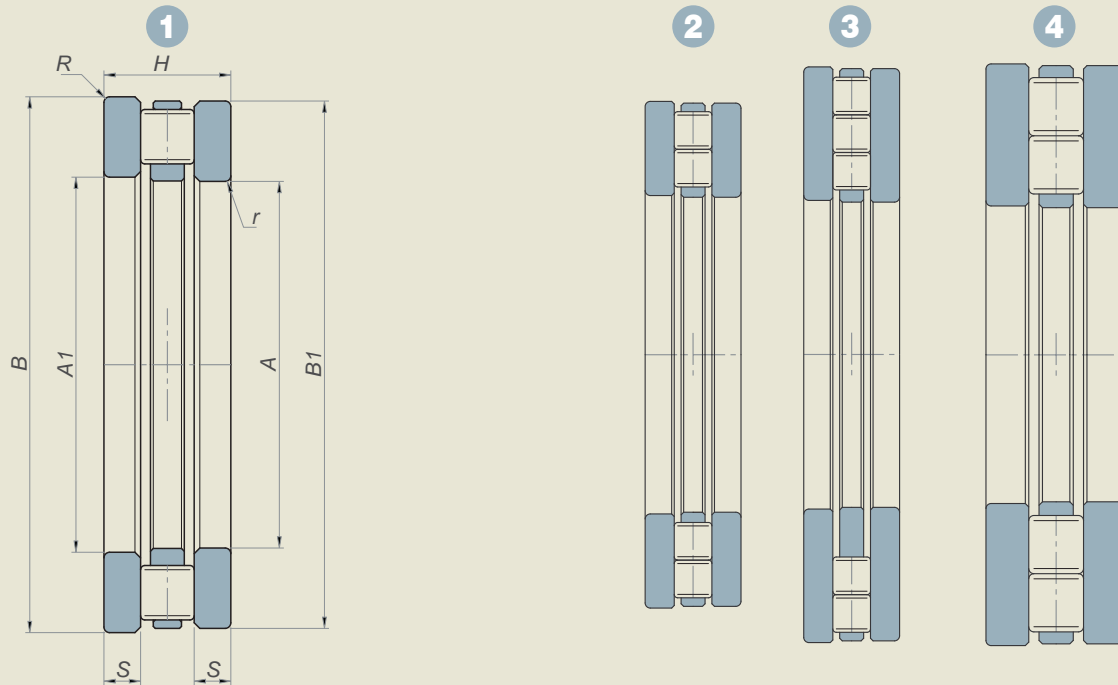
Part #	Series	A mm	B mm	H mm	S mm	R mm	r mm	A1 mm	B1 mm	C KN	C ₀ KN	Max. speed RPM min ⁻¹	Type	
STOCK ITEM	M300-0008	81108	40	60	13	3.5	1	4	42	60	38	52	5000	1
	M300-0208	89308	40	78	22	7.5	1.5	1.5	42	78	114	178	4400	2
	M300-0009	81109	45	65	14	4	1	1	47	65	40	59	4800	1
	M300-0209	89309	45	85	24	8.25	1.5	1.5	47	85	116	208	4200	2
	M300-0010	81110	50	70	14	4	1	1	52	70	42.5	64	4300	1
	M300-0210	89310	50	95	27	9.5	2	2	52	95	124	220	3700	2
	M300-0011	81111	55	78	16	5	1	1	57	78	50	72	3600	1
STOCK ITEM	M300-0211	89311	55	105	30	10.5	2	2	57	105	170	306	3100	2
	M300-0012	81112	60	85	17	4.75	1.5	1.5	62	85	72	110	3000	1
	89312	89312	60	110	30	10.5	1.5	1.5	62	110	168	316	2600	2
	M300-0013	81113	65	90	18	5.25	1.5	1.5	67	90	80	114	2900	1
	M300-0213	89313	65	115	30	10.5	2	2	67	115	182	340	2500	2
	M300-0014	81114	70	95	18	8.25	1.5	1.5	72	95	85	130	2800	1
	M300-0214	89314	70	125	34	12	1	1	72	125	190	353	2350	2
STOCK ITEM	81115	81115	75	100	19	5.75	1.5	1.5	77	100	88	138	2600	1
	M300-0216	89316	80	140	36	12.5	2.5	2.5	82	140	229	438	2100	2
	M300-0217	89317	85	150	39	13.5	2.5	2.5	87	150	240	460	2050	2
	M300-0218	89318	90	155	39	13.5	2.5	2.5	93	155	286	550	1800	2

C Dynamic load

C₀ Static load



AXIAL CYLINDRICAL ROLLER THRUST BEARINGS



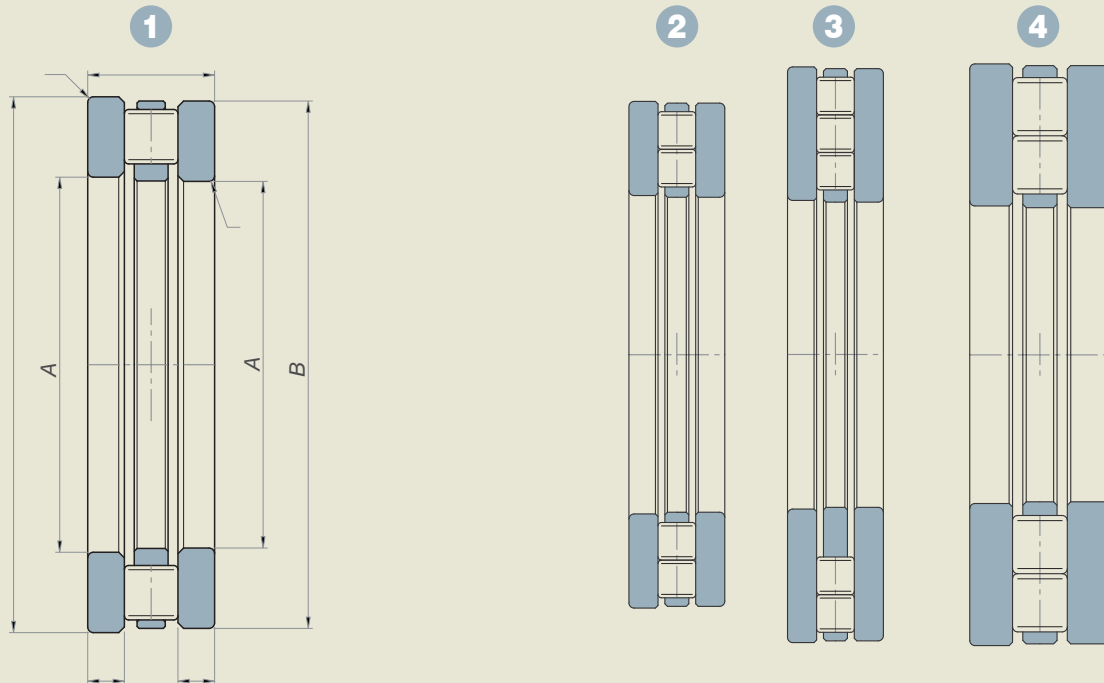
Part #	Series	A mm	B mm	H mm	S mm	R mm	r mm	A1 mm	B1 mm	C KN	C ₀ KN	Max. speed RPM min ⁻¹	Type
M300-0020	81120	100	135	25	7	1	1	102	135	199	650	1.900	1
M300-0120	81220	100	150	38	11,5	1,1	1,1	103	150	340	1080	900	1
M300-0220	89320	100	170	42	14,5	1,5	1,5	103	170	380	1400	750	2
M300-0320	87420	100	210	50	17,5	3	3	103	210	590	1250	550	3
89420	89420	100	210	67	22,5	3	3	103	210	850	2850	550	4
M300-0022	81122	110	145	25	7	1	1	112	145	207	700	2.300	1
M300-0122	81222	110	160	38	11,5	1,1	1	113	160	325	1030	2.100	1
M300-0222	89322	110	190	48	16,5	2	2	113	190	500	1870	1.900	2
M300-0322	87422	110	230	54	18,5	3	3	113	230	710	1490	1.700	3
89422	89422	110	230	73	24,5	3	3	113	230	1000	3400	1.700	4
M300-0024	81124	120	155	25	7	1	1	122	155	214	760	2.100	1
M300-0124	81224	120	170	39	12	1,1	1,1	123	170	340	1120	2.000	1
M300-0224	89324	120	210	54	18,5	2,1	2,1	123	210	640	2420	1.700	2
M300-0324	87424	120	250	58	20	4	4	123	250	1010	1790	1.600	3
89424	89424	120	250	78	26	4	4	123	250	1160	4000	1.600	4
STOCK ITEM	M300-0026	81126	130	170	30	9	1	132	170	250	900	1.900	1
STOCK ITEM	M300-0126	81226	130	190	45	13	1,5	1,5	133	480	1520	1.800	1
	M300-0226	89326	130	225	58	20	2,1	2,1	134	710	2700	1.600	2

C Dynamic load

C₀ Static load



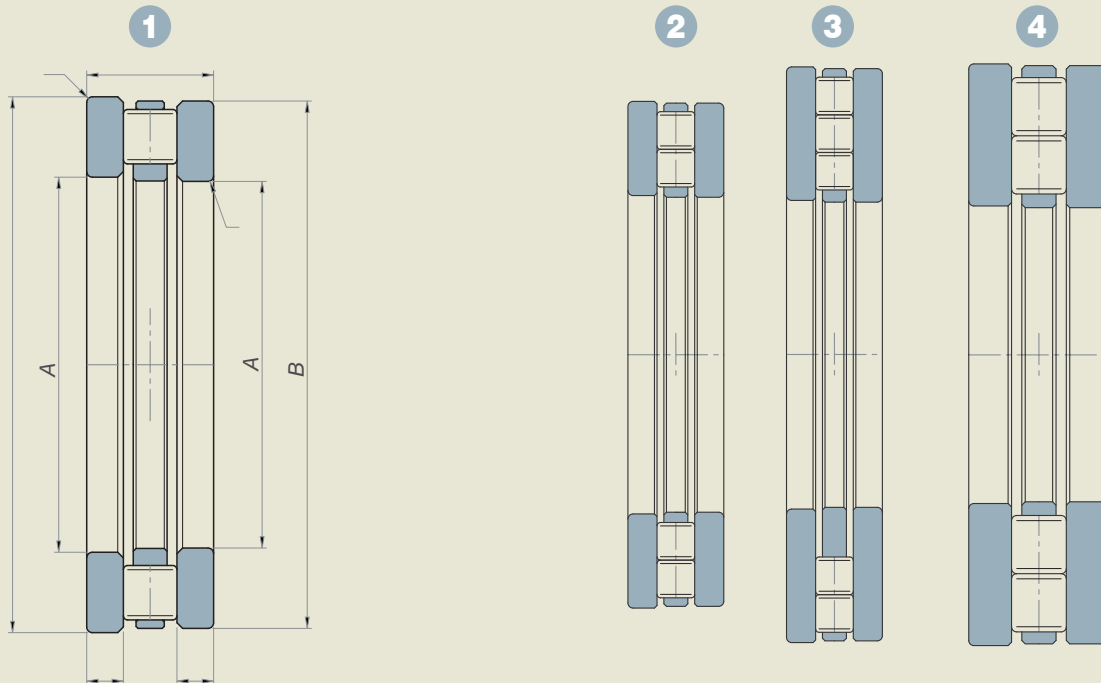
AXIAL CYLINDRICAL ROLLER THRUST BEARINGS



C.R. ref.	Series	A	B	H	S	R	r	A1	B1	C	C ₀	Max. speed	Exec.
		mm	mm	mm	mm	mm	mm	mm	mm	KN	KN	RPM min ⁻¹	
M300-0334	87434	170	340	78	27	5	5	174	340	1410	3250	1.100	3
	89434	170	340	103	34,5	5	5	174	340	1990	7400	1.100	4
M300-0036	81136	180	225	34	10	1,1	1,1	183	225	340	1300	1.400	1
M300-0136	81236	180	250	56	17	1,5	1,5	183	250	690	2440	1.300	1
M300-0236	89336	180	300	73	24,5	3	3	184	300	1100	2270	1.200	2
M300-0336	87436	180	360	82	28,5	5	5	184	360	1620	3850	1.100	3
	89436	180	360	109	36,5	5	5	184	360	2210	8200	1.100	4
M300-0038	81138	190	240	37	11	1,1	1,1	193	240	385	1500	1.300	1
M300-0138	81238	190	270	62	18	2	1	194	270	880	3000	1.300	1
M300-0238	89338	190	320	78	26	4	4	195	320	1230	2550	1.100	2
M300-0338	87438	190	380	85	29,5	5	5	195	380	1730	4150	1.000	3
	89438	190	380	115	38,5	5	5	195	380	2450	9200	1.000	4
M300-0040	81140	200	250	37	11	1,1	1,1	203	250	390	1550	1.300	1
M300-0140	81240	200	280	62	18	2	2	204	280	900	3150	1.200	1
M300-0240	89340	200	340	85	28,5	4	4	205	340	1420	2950	1.100	2
M300-0340	87440	200	400	90	31	5	5	205	400	1990	4800	950	3
	89440	200	400	122	41	5	5	205	400	2700	10200	950	4
M300-0044	81144	220	270	37	11	1,1	1,1	223	270	420	1730	1.200	1
M300-0144	81244	220	300	63	18,5	2	2	224	300	940	3450	1.100	1
M300-0344	89444	220	420	122	41	6	6	225	420	2900	11500	900	4

C Dynamic load C₀ Static load

AXIAL CYLINDRICAL ROLLER THRUST BEARINGS



C.R. ref.	Series	A	B	H	S	R	r	A1	B1	C	C ₀	Max. speed	Exec.
		mm	mm	mm	mm	mm	mm	mm	mm	KN	KN	RPM min ⁻¹	
M300-0048	81148	240	300	45	13,5	1,5	1,5	243	300	600	2500	1.100	1
M300-0148	81248	240	340	78	23	2,1	2,1	244	340	1370	5000	1.000	1
M300-0348	89448	240	440	122	41	6	6	245	440	3000	12200	850	4
M300-0052	81152	260	320	45	13,5	1,5	1,5	263	320	620	2650	1.000	1
M300-0152	81252	260	360	79	23,5	2,1	2,1	264	360	1440	5400	950	1
M300-0352	89452	260	480	132	44	6	6	265	480	3600	14700	800	4
M300-0056	81156	280	350	53	15,5	1,5	1,5	283	350	860	3650	900	1
M300-0156	81256	280	380	80	24	2,1	2,1	284	380	1460	5600	850	1
M300-0356	89456	280	520	145	48,5	6	1	285	520	4200	17600	700	4
M300-0060	81160	300	380	62	18,5	2	2	304	380	1060	4500	850	1
M300-0160	81260	300	420	95	28,5	3	3	304	420	1930	7300	800	1
M300-0360	89460	300	540	145	48,5	6	6	305	540	4350	18500	700	4
M300-0064	81164	320	400	63	19	2	2	324	400	1100	4750	800	1
M300-0164	81264	320	440	95	28,5	3	3	325	440	1960	7600	750	1
M300-0068	81168	340	420	64	19,5	2	2	344	420	1130	5000	750	1
M300-0168	81268	340	460	96	29	3	3	345	460	2060	8300	700	1
M300-0072	81172	360	440	65	20	2	2	364	440	1140	5100	700	1
M300-0172	81272	360	500	110	32,5	4	4	365	500	2700	10600	650	1
M300-0076	81176	380	460	65	20	2	2	384	460	1170	5400	700	1
M300-0176	81276	380	520	112	33,5	4	4	385	520	2750	11000	650	1

C Dynamic load

C₀ Static load