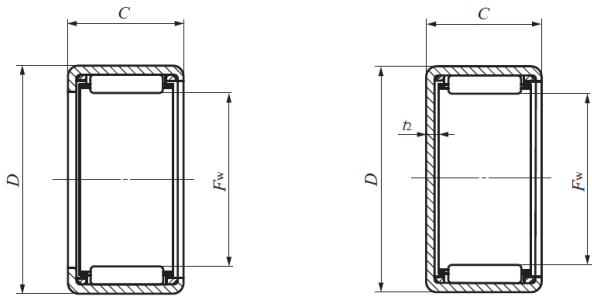
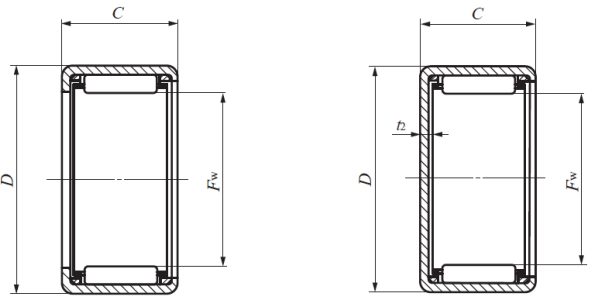


TLA Open Series



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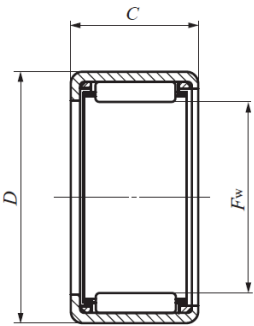
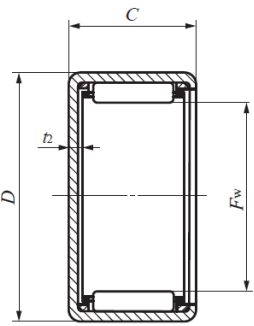
TAM TLAM

TLA Open Series

Shaft dia. mm	Identification number				Boundary dimensions (mm)					Standard mounting dimensions (mm)				Basic dynamic load rating C	Basic static load rating C0	Allowable rotational speed (1)	Assembled inner ring
	Standard	Mass (g)	Closed end*	Mass (g)	Fw	D	C	t2 Max.		Shaft dia. h6							
										Max	Min.	N7					
												Max.	Min.	N	N	rpm	
4	TLA 48 Z	1.54	TLAM 48	1.67	4	8	8	1		4	3.992	7.996	7.981	1 350	1 010	75 000	-
5	TLA 59 Z	1.9	TLAM 59	2	5	9	9	1		5	4.992	8.996	8.981	1 880	1 600	65 000	-
6	TLA 69 Z	2.2	TLAM 69	2.3	6	10	9	1		6	5.992	9.996	9.981	2 100	1 900	55 000	-
8	TLA 810 Z	3.1	TLAM 810	3.3	8	12	10	1		8	7.991	11.995	11.977	3 320	3 670	45 000	-
9	TLA 910 Z	3.4	TLAM 910	3.6	9	13	10	1		9	8.991	12.995	12.977	3 500	4 040	45 000	-
	TLA 912 Z	4	TLAM 912	4.3	9	13	12	1		9	8.991	12.995	12.977	4 460	5 510	45 000	-
10	TLA 1010 Z	3.7	TLAM 1010	4	10	14	10	1		10	9.991	13.995	13.977	3 870	4 740	40 000	IRT 710
	TLA 1012 Z	4.4	TLAM 1012	4.8	10	14	12	1		10	9.991	13.995	13.977	4 920	6 460	40 000	IRT 712
	TLA 1015 Z	5.5	TLAM 1015	5.9	10	14	15	1		10	9.991	13.995	13.977	6 390	9 040	40 000	IRT 715
12	TLA 1210 Z	4.3	TLAM 1219	4.7	12	16	10	1		12	11.989	15.995	15.977	4 350	5 810	35 000	IRT 810
	TLA 1212 Z	8.6	TLAM 1212	9.4	12	18	12	1.3		12	11.989	17.995	17.977	6 420	7 490	35 000	IRT 812
13	TLA 1312 Z	9.2	TLAM 1312	10.1	13	19	12	1.3		13	12.989	18.993	18.972	6 760	8 170	30 000	IRT 1012
14	TLA 1412 Z	9.8	TLAM 1412	10.8	14	20	12	1.3		14	13.989	19.993	19.972	7 080	8 840	30 000	IRT 1012-2
	TLA 1416 Z	13.2	TLAM 1416	14.3	14	20	16	1.3		14	13.989	19.993	19.972	8 950	12 000	30 000	IRT 1016-2
15	TLA 1512 Z	10.4	TLAM 1512	11.5	15	21	12	1.3		15	14.989	20.993	20.972	7 380	9 520	25 000	IRT 1212
	TLA 1516 Z	14	TLAM 1516	15.2	15	21	16	1.3		15	14.989	20.993	20.972	9 330	12 900	25 000	IRT 1216
	TLA 1522 Z	19.1	TLAM 1522	20.5	15	21	22	1.3		15	14.989	20.993	20.972	13 600	20 900	25 000	IRT 1222
16	TLA 1612 Z	10.9	TLAM 1612	12.2	16	22	12	1.3		16	15.989	21.993	21.972	7 670	10 200	25 000	IRT 1212-1
	TLA 1616 Z	14.8	TLAM 1616	16.1	16	22	16	1.3		16	15.989	21.993	21.972	9 700	13 800	25 000	IRT 1216-1
	TLA 1622 Z	20	TLAM 1622	21.5	16	22	22	1.3		16	15.989	21.993	21.972	14 200	22 400	25 000	IRT 1222-1
17	TLA 1712 Z	11.5	TLAM 1712	13	17	23	12	1.3		17	16.989	22.993	22.972	7 960	10 900	25 000	-
18	TLA 1812 Z	12	TLAM 1812	13.7	18	24	12	1.3		18	17.989	23.993	23.972	8 230	11 500	20 000	IRT 1512
	TLA 1816 Z	16.2	TLAM 1816	17.9	18	24	16	1.3		18	17.989	23.993	23.972	10 400	15 600	20 000	IRT 1516
20	TLA 2012 Z	13.2	TLAM 2012	15.2	20	26	12	1.3		20	19.987	25.993	25.972	8 740	12 900	20 000	-
	TLA 2016 Z	17.8	TLAM 2016	19.9	20	26	16	1.3		20	19.987	25.993	25.972	11 100	17 500	20 000	IRT 1716
	TLA 2020 Z	22	TLAM 2020	24	20	26	20	1.3		20	19.987	25.993	25.972	14 500	24 700	20 000	IRT 1720
	TLA 2030 Z	33	TLAM 2030	35	20	26	30	1.3		20	19.987	25.993	25.972	22 300	42 900	20 000	IRT 1730
22	TLA 2212 Z	15.6	TLAM 2212	18.1	22	28	12	1.3		22	21.987	27.993	27.972	9 230	14 300	18 000	-
	TLA 2216 Z	21.5	TLAM 2216	24	22	28	16	1.3		22	21.987	27.993	27.972	11 700	19 300	18 000	IRT 1716-2
	TLA 2220 Z	26.5	TLAM 2220	29	22	28	20	1.3		22	21.987	27.993	27.972	15 300	27 300	18 000	IRT 1720-2

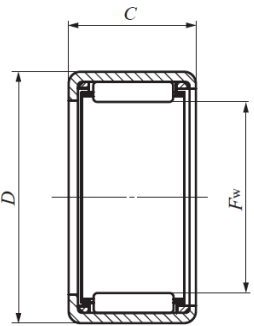
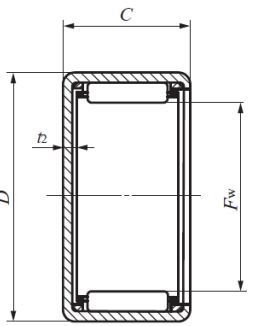
*Not a stocked range although available on request
Note. (1) Allowable rotational speed applied to oil lubrication. For grease lubrication, a maximum of 60% of this value is allowable.

TLA Open Series



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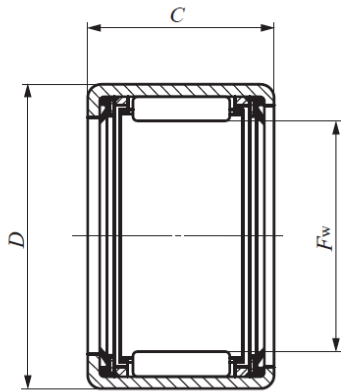
TAM TLAM

TLA Open Series

Shaft dia. mm	Identification number				Boundary dimensions (mm)					Standard mounting dimensions (mm)				Basic dynamic load rating C	Basic static load rating C0	Allowable rotational speed (1)	Assembled inner ring
	Standard	Mass (g)	Closed end*	Mass (g)	Fw	D	C	t2 Max.		Shaft dia. h6							
										Max	Min.	N7					
												Max.	Min.	N	N	rpm	
25	TLA 2512 Z	19.7	TLAM 2512	23.5	25	32	12	2.8		25	24.987	31.992	31.967	9 440	13 900	15 000	-
	TLA 2516 Z	26	TLAM 2516	29.5	25	32	16	2.8		25	24.987	31.992	31.967	12 800	20 500	15 000	-
	TLA 2520 Z	32	TLAM 2520	36	25	32	20	2.8		25	24.987	31.992	31.967	16 900	29 300	15 000	IRT 2020-1
	TLA 2526 Z	41.5	TLAM 2526	45.5	25	32	26	2.8		25	24.987	31.992	31.967	22 600	42 500	15 000	IRT 2026-1
28	TLA 2816 Z	28.5	TLAM 2816	33.5	28	35	16	2.8		28	27.987	34.992	34.967	13 800	23 500	13 000	-
	TLA283525	47	-	-	28	35	25	2.8		28	27.987	34.992	34.967	-	-	13 000	-
	TLA 2820 Z	35.5	TLAM 2820	40.5	28	35	20	2.8		28	27.987	34.992	34.967	18 300	33 600	13 000	IRT 2220-1
30	TLA 3012 Z	23.5	TLAM 3012	29	30	37	12	2.8		30	29.987	36.992	36.967	10 400	16 600	12 000	-
	TLA 3016 Z	30.5	TLAM 3016	36	30	37	16	2.8		30	29.987	36.992	36.967	14 100	24 500	12 000	-
	TLA 3018 Z	34.5	TLAM 3018	40	30	37	18	2.8		30	29.987	36.992	36.967	16 400	29 800	12 000	-
	TLA 3020 Z	38	TLAM 3020	43.5	30	37	20	2.8		30	29.987	36.992	36.967	18 600	35 100	12 000	IRT 2520-1
	TLA 3026 Z	49	TLAM 3026	54.5	30	37	26	2.8		30	29.987	36.992	36.967	24 800	50 900	12 000	IRT 2526-1
35	TLA 3512 Z	27	TLAM 3512	34.5	35	42	12	2.8		35	34.984	41.992	41.967	11 600	20 000	10 000	IRT 3012
	TLA 3516 Z	35	TLAM 3516	42.5	35	42	16	2.8		35	34.984	41.992	41.967	15 700	29 600	10 000	-
	TLA 3520 Z	43.5	TLAM 3520	51	35	42	20	2.8		35	34.984	41.992	41.967	20 700	42 300	10 000	IRT 3020
40	TLA 4012 Z	30	TLAM 4012	40	40	47	12	2.8		40	39.984	46.992	46.967	12 400	22 800	8 500	-
	TLA 4016 Z	39	TLAM 4016	49	40	47	16	2.8		40	39.984	46.992	46.967	16 700	33 700	8 500	-
	TLA 4020 Z	49	TLAM 4020	58.5	40	47	20	2.8		40	39.984	46.992	46.967	22 100	48 200	8 500	IRT 3520
45	TLA 4516 Z	43.5	TLAM 4516	56	45	52	16	2.8		45	44.984	51.991	51.961	17 800	37 800	7 500	-
	TLA 4520 Z	54.5	TLAM 4520	67	45	52	20	2.8		45	44.984	51.991	51.961	23 400	54 000	7 500	IRT 4020
50	TLA 5020 Z	69	TLAM 5020	84.5	50	58	20	2.8		50	49.984	57.991	57.961	28 800	64 100	6 500	IRT 4520
	TLA 5025 Z	86	TLAM 5025	107	50	58	25	2.8		50	49.984	57.991	57.961	36 900	88 400	6 500	IRT 4525
55	TLA 5520 Z	75	TLAM 5520	98.5	55	63	20	2.8		55	54.981	62.991	62.961	29 800	69 400	5 500	IRT 5020-1
	TLA 5525 Z	98.5	TLAM 5525	118	55	63	25	2.8		55	54.981	62.991	62.961	38 300	95 700	5 500	IRT 5025-1

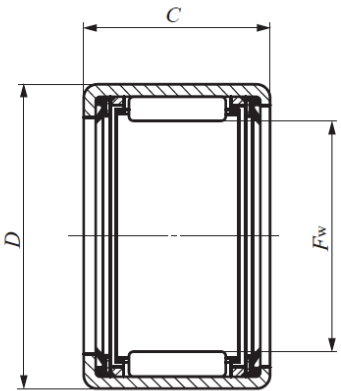
*Not a stocked range although available on request
Note. (1) Allowable rotational speed applied to oil lubrication. For grease lubrication, a maximum of 60% of this value is allowable.

TLA - UU Rubber Seals Series



TLA...UU

TLA - UU Rubber Seals Series



TLA...UU

Shaft dia.mm	Identification number	Mass	Boundary dimensions				Standard mounting dimensions (mm)				Basic dynamic load rating C N	Basic static load rating C0	Allowable rotational speed (1) rpm
		(Ref.)	mm				Shaft dia. h6		Housing bore dia.N7				
		g	Fw	D	C		Max.	Min.	Max.	Min.			
12	TLA 1216 UU	11.7	12	18	16		12	11.989	17.995	17.977	6 420	7 490	14 000
14	TLA 1416 UU	13.3	14	20	16		14	13.989	19.993	19.972	7 080	8 840	12 000
15	TLA 1516 UU	14	15	21	16		15	14.989	20.993	20.972	7 380	9 520	11 000
16	TLA 1616 UU	14.8	16	22	16		16	15.987	21.993	21.972	7 670	10 200	11 000
18	TLA 1816 UU	16.3	18	24	16		16	17.989	23.993	23.972	8 230	11 500	9 000
20	TLA 2016 UU	17.8	20	26	16		20	19.987	25.993	25.972	8 740	12 900	9 000
	TLA 2020 UU	22.5	20	26	20		20	19.987	25.993	25.972	11 100	17 500	9 000
25	TLA 2516 UU	26	25	32	16		25	24.987	31.992	31.967	9 440	13 900	7 000
	TLA 2520 UU	33	25	32	20		25	24.987	31.992	31.967	12 800	20 500	7 000
28	TLA 2820 UU	36.5	28	35	20		28	27.987	34.992	34.967	13 800	23 500	6 000
30	TLA 3016 UU	30.5	30	37	16		30	29.987	36.992	36.967	10 400	16 600	5 500
	TLA 3020 UU	39	30	37	20		30	29.987	36.992	36.967	14 100	24 500	5 500
35	TLA 3516 UU	35	35	42	16		35	34.984	41.992	41.967	11 600	20 000	5 000
40	TLA 4016 UU	39.5	40	47	16		40	39.984	46.992	46.967	12 400	22 800	4 500
	TLA 4020 UU	50.5	40	47	20		40	39.984	46.992	46.967	16 700	33 700	4 500

Note. (1) Allowable rotational speed applied to oil lubrication. For grease lubrication, a maximum of 60% of this value is allowable.