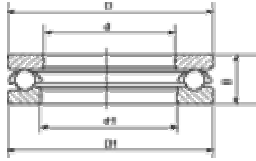


Thrust Ball Bearings

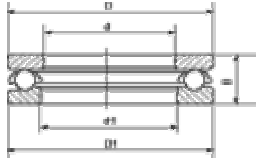
Double direction thrust ball bearings



Boundary Dimensions							Rating		Speed		Bearing Designation			Other dimensions										Shoulder Dimensions (mm)				Mass (kg) Approx		
(mm)							(kN)		RPM		Plain housing washer type	Spherical housing washer type	With spherical seating washer	(mm)														Plain housing washer type	Spherical housing washer type	
d	D	T	T1	T2	r	r1	Cr	Cor	Grease	Oil				d1	D1	D2	D3	T2	T4	T6	A	R	B	C	da	Da	ra	rb		
10	32	22	25	28	0.6	0.3	16.6	24.8	4900	7500	52202	54202	54202U	32	17	24	35	13.5	14.8	17	11	28	5	4	15	24	0.6	0.3	0.085	0.118
15	40	26	27	32	0.6	0.3	22.3	37.7	3900	6000	52204	54204	54204U	40	22	30	42	16	16.7	19	16	36	6	5	20	30	0.6	0.3	0.15	0.19
	60	45	50	55	1	0.6	55.6	89.4	2600	4000	52415	54405	54405U	60	27	42	62	28	30.4	33	15	50	11	8	25	42	1	0.6	0.63	0.804
20	47	28	31	36	0.6	0.3	27.7	50.4	3600	5500	52205	54205	54205U	47	27	36	50	17.5	19.2	22	17	40	7	5.5	25	36	0.6	0.3	0.23	0.304
	52	34	38	42	1	0.3	35.7	61.4	3100	4800	52305	54305	54305U	52	27	38	55	21	22.8	25	18	45	8	6	25	38	1	0.3	0.33	0.428
	70	52	56	62	1	0.6	72.8	126	2200	3400	52406	54406	54406U	70	32	50	75	32	34.1	37	16	56	12	9	30	50	1	0.6	1	1.25
25	52	29	33	37	0.6	0.3	28.1	54.3	3400	5200	52206	54206	54206U	52	32	42	55	18	19.8	22	20	45	7	5.5	30	42	0.6	0.3	0.27	0.346
	60	38	41	46	1	0.3	42.8	78.7	2700	4200	52306	54306	54306U	60	32	45	62	23.5	25.1	28	20	50	9	7	30	45	1	0.3	0.49	0.602
	80	59	63	69	1.1	0.6	87.1	155	1900	2900	52407	54407	54407U	80	37	58	85	36.5	38.5	42	19	64	14	10	35	58	1	0.6	1.44	1.79
30	62	34	38	42	1	0.3	40.7	83.8	2900	4500	52207	54207	54207U	62	37	48	65	21	22.9	25	21	50	8	7	35	48	1	0.3	0.42	0.544
	68	36	39	44	1	0.6	46.9	98.3	2700	4200	52208	54208	54208U	68	42	55	72	22.5	23.8	27	25	56	9	7	40	55	1	0.6	0.54	0.68
	68	44	47	52	1	0.3	55.5	105	2400	3700	52307	54307	54307U	68	37	52	72	27	28.6	31	21	56	10	7.5	35	52	1	0.3	0.71	0.898
	78	49	54	59	1	0.6	69.3	135	2100	3300	52308	54308	54308U	78	42	60	82	30.5	33	36	24	64	12	8.5	40	60	1	0.6	1.06	1.34
	90	65	69	77	1.1	0.6	113	205	1700	2600	52408	54408	54408U	90	42	65	95	40	42.2	46	22	72	15	12	40	65	1	0.6	2.03	2.55
35	73	37	40	45	1	0.6	47.7	105	2600	4000	52209	54209	54209U	73	47	60	78	23	24.3	27	23	56	9	7.5	45	60	1	0.6	0.62	0.784
	85	52	56	62	1	0.6	80	163	1900	3000	52309	54309	54309U	85	47	65	90	32	34.1	37	21	64	12	10	45	65	1	0.6	1.29	1.62
	100	72	79	86	1.1	0.6	130	242	1500	2300	52409	54409	54409U	100	47	72	105	44.5	47.9	52	24	80	17	12.5	45	72	1	0.6	2.91	3.42
40	78	39	42	47	1	0.6	48.5	111	2300	3600	52210	54210	54210U	78	52	62	82	24	25.5	28	31	64	9	7.5	50	62	1	0.6	0.71	0.89
	95	58	65	70	1.1	0.6	91.6	186	1800	2700	52310	54310	54310U	95	52	72	100	36	39.3	42	23	72	14	11	50	72	1	0.6	1.86	2.35
	110	78	83	92	1.5	0.6	148	283	1400	2100	52410	54410	54410U	110	52	80	115	48	50.6	55	30	90	18	14	50	80	1.5	0.6	3.56	4.39

Thrust Ball Bearings

Double direction thrust ball bearings



Boundary Dimensions							Rating		Speed		Bearing Designation			Other dimensions										Shoulder Dimensions (mm)				Mass (kg) Approx		
(mm)							(kN)		RPM		Plain housing washer type	Spherical housing washer type	With spherical seating washer	(mm)														Plain housing washer type	Spherical housing washer type	
d	D	T	T1	T2	r	r1	Cr	Cor	Grease	Oil				d1	D1	D2	D3	T2	T4	T6	A	R	B	C	da	Da	ra	rb		
45	90	45	50	55	1	0.6	69.4	159	2100	3200	52211	54211	54211U	90	57	72	95	27.5	29.8	33	33	72	10	9	55	72	1	0.6	1.12	1.44
	105	64	73	78	1.1	0.6	119	246	1600	2400	52311	54311	54311U	105	57	80	110	39.5	43.8	47	26	80	15	11.5	55	80	1	0.6	2.51	3.21
	120	87	92	101	1.5	0.6	178	359	1200	1900	52411	54411	54411U	120	57	88	125	53.5	56	61	23	90	20	15.5	55	88	1.5	0.6	4.7	5.62
50	95	46	50	56	1	0.6	73.6	179	1900	3000	52212	54212	54212U	95	62	78	100	28	30	33	31	72	10	9	60	78	1	0.6	1.25	1.57
	110	64	71	78	1.1	0.6	124	267	1500	2300	52312	54312	54312U	110	62	85	115	39.5	42.8	47	37	90	15	11.5	60	85	1	0.6	2.68	3.37
	130	93	99	107	1.5	0.6	201	397	1100	1700	52412	54412	54412U	130	62	95	135	57	60	64	28	100	21	16	60	95	1.5	0.6	6.33	7.6
	140	101	109	119	2	1	232	493	1000	1600	52413	54413	54413U	140	68	100	145	62	66.2	71	34	112	23	17.5	65	100	2	1	8.03	9.72
55	100	47	50	57	1	0.6	74.8	189	1900	2900	52213	54213	54213U	100	67	82	105	28.5	30.2	34	39	80	10	9	65	82	1	0.6	1.36	1.7
	105	47	51	57	1	1	73.6	189	1800	2800	52214	54214	54214U	105	72	88	110	28.5	30.3	34	37	80	10	9	70	88	1	1	1.48	1.84
	115	65	72	79	1.1	0.6	128	287	1400	2200	52313	54313	54313U	115	67	90	120	40	43.4	47	35	90	15	12.5	65	90	1	0.6	2.9	3.66
	125	72	80	88	1.1	1	148	339	1300	2000	52314	54314	54314U	125	72	98	130	44	48.2	52	39	100	16	13	70	98	1	1	3.9	4.78
	150	107	114	125	2	1	250	553	940	1450	52414	54414	54414U	150	73	110	155	65.5	69.1	75	29	112	24	19.5	70	110	2	1	9.71	11.6
60	110	47	50	57	1	1	77.4	209	1800	2700	52215	54215	54215U	110	77	92	115	28.5	29.8	34	48	90	10	9.5	75	92	1	1	1.57	1.96
	135	79	87	95	1.5	1	171	396	1200	1900	52315	54315	54315U	135	77	105	140	48.5	52.6	57	33	100	18	15	75	105	1.5	1	4.83	6.08
	160	115	123	135	2	1	252	560	880	1350	52415	54415	54415U	160	78	115	165	70.5	74.5	81	37	125	26	21	75	115	2	1	11.8	14.3