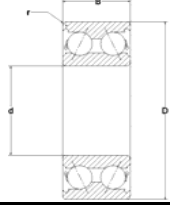
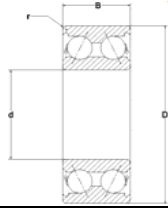


# Double Row Angular Contact Ball Bearing



Boundary Dimensions				Basic Load Rating ( kN )				Limiting Speed(rpm)			Bearing Designation			Distance of working points	Shoulder Dimensions (mm)				Mass
(mm)				Open type		Sealed type		Grease		Oil				(mm)					(kg)
d	D	B	r	Cr	Cor	Cr	Cor	Z,ZZ	RS,2RS	Z	OPEN	ZZ	2RS	a	da(Min.)	da(Max)	Da	ra	Approx
10	30	14.3	0.6	7.35	5.35			15000		20000	3200			19.5	14.5	25.5	0.6	0.052	
12	32	15.9	0.6	9.7	7.15			14000		18000	3201			21.7	16.5	27.5	0.6	0.063	
	35	15.9	0.6	9.7	7.45			12000		16000	3202			23.6	19.5	30.5	0.6	0.072	
	15	42	19	1	15.2	11.9		10000		14000	3302			27.6	20.5	36.5	1	0.132	
	40	17.5	0.6	13.8	10.8			11000		14000	3202			26.6	21.5	35.5	0.6	0.1	
	40	17.5	0.6	13.2	8.15	12.7	8.35	11000	11000	14000	5203 5203ZZ		5203 2RS	20	21.5	23.5	35.5	0.6	0.091
	17	47	22.2	1	21.7	17.1		9400		13000	3303			31	22.5	41.5	1	0.192	
	47	20.6	1	17.2	15			9000		12000	3204			31.5	25.5	41.5	1	0.17	
	47	20.6	1	19.7	12.6	16	10.8	8800	8800	12000	5204 5204ZZ		5204 2RS	23.5	25.5	26.6	41.5	1	0.12
	52	22.2	1.1	20.8	18.4			8200		11000	3304			33.8	27		45	1	0.23
	20	52	22.2	1.1	24.7	15	19.8	8300	8300	11000	5304 5304ZZ		5304 2RS	25.9	27	28.3	45	1	0.23
	52	20.6	1	18.9	18.2			7800		10000	3205			34.4	30.5	46.5	1	0.19	
	52	20.6	1	21.4	14.8	78.9	13.8	7700	7700	10000	5205 5205ZZ		5205 2RS	26.1	30.5	32.3	46.5	1	0.19
	62	25.4	1.1	28.9	26.5			6800		9100	3305			40.5	32		55	1	0.369
	25	62	25.4	1.1	32.7	20.8	27.5	6900	6900	9200	5305 5305ZZ		5305 2RS	31.1	32	33.4	55	1	0.34
	62	23.8	1	27.3	27			6500		8700	3206			40.7	35.5	56.5	1	0.32	
	62	23.8	1	29.7	21.3	25.4	18.3	6400	6400	8600	5206 5206ZZ		5206 2RS	30.8	35.5	38.6	56.5	1	0.29
	72	30.2	1.1	38.1	36.1			5800		7800	3306			47.2	37		65	1	0.585
	30	72	30.2	1.1	41	28.5	34.3	5800	5800	7700	5206 5306ZZ		5306 2RS	36.2	37	41.3	65	1	0.51
	72	27	1.1	36.8	37.5			5600		7500	3207			46.9	42		65	1	0.48
	72	27	1.1	39.2	29	31.7	24.6	5500	5500	7300	5207 5207ZZ		5207 2RS	36.1	42	43.9	65	1	0.43
	80	34.9	1.5	48.6	46.8			5200		7000	3307			53.4	43.5		71.5	1.5	0.816
	35	80	34.9	1.5	51.2	36.2	46.1	5100	5100	6800	5307 5307ZZ		5307 2RS	41	43.5	45.5	71.5	1.5	0.79
	80	30.2	1.1	42	43.9			5000		6700	3208			52.6	47		73	1	0.65
	80	30.2	1.1	44.4	33.6	36.5	29.1	5000	5000	6700	5208 5208ZZ		5208 2RS	39.2	47	49.5	73	1	0.57
	90	36.5	1.5	54.1	53.8			4600		6100	3308			58.9	48.5		81.5	1.5	1.07
	40	90	36.5	1.5	62.7	45.4	51.4	4600	4600	6100	5308 5308ZZ		5308 2RS	44.9	48.5	52.1	81.5	1.5	1.05

# Double Row Angular Contact Ball Bearing



Boundary Dimensions				Basic Load Rating ( kN )				Limiting Speed(rpm)			Bearing Designation	Distance of working points (mm)	Shoulder Dimensions (mm)				Mass		
(mm)				Open type		Sealed type		Grease		Oil			a	da(Min.)	da(Max)	Da	ra	(kg)	
d	D	B	r	Cr	Cor	Cr	Cor	Z,ZZ	RS,2RS	Z		OPEN		ZZ	2RS	Approx			
85	30.2	1.1		45.4	51.4			4600		6100	3209			56.3	52		78	1	0.71
85	30.2	1.1		49.9	38.4	41.7	33.9	4600	4600	6100	5209 5209ZZ 5209 2RS			42.2	52	55.3	78	1	0.62
100	39.7	1.5		66.1	67.3			4100		5500	3309			62.6	53.5		91.5	1.5	1.42
45	100	39.7	1.5	75.1	55.7	68.9	51.4	4100	4100	5500	5309 5309ZZ 5309 2RS			51	53.5	58.2	91.5	1.5	1.42
90	30.2	1.1		45.1	52.1			4300		5700	3210			58.8	57		83	1	0.76
90	30.2	1.1		53.3	43.6	44.1	37.9	4300	4300	5600	5210 5210ZZ 5210 2RS			44.5	57	58.9	83	1	0.76
110	44.4	2		86.1	88.6			3800		5000	3310			71.7	60		100	2	1.95
50	110	44.4	2	88.5	67	81.8	62.2	3600	3600	4800	5310 5310ZZ 5310 2RS			56.6	60	64.4	100	2	1.93
100	33.3	1.5		50.9	60.2			3900		5100	3211			65	63.5		91.5	1.5	1.05
100	33.3	1.5		65.9	55.2	52.9	44.7	3800	3800	5100	5211 5211ZZ 5211 2RS			50.2	63.5	66.2	91.5	1.5	0.96
120	49.2	2		101	106			3400		4500	3311			79.3	65		110	2	2.53
55	120	49.2	2	110	85.1	95.7	74.3	3300	3300	4500	5311 5311ZZ 5311 2RS			61.6	65	71.8	110	2	2.3
110	36.5	1.5		64	76.8			3500		4700	3212			71.3	68.5		101.5	1.5	1.4
110	36.5	1.5		74.4	60.8	62.6	55.9	3500	3500	4700	5212 5212ZZ 5212 2RS			53.8	68.5	74.1	101.5	1.5	1.36
130	54	2.1		125	132			3100		4200	3312			87.4	72		118	2	3.24
60	130	54	2.1	126	98.7	110	87.1	3100	3100	4100	5312 5312ZZ 5312 2RS			67.2	72	79.2	118	2	3.16
120	38.1	1.5		76.4	97.4			3200		4300	3213			76.8	73.5		111.5	1.5	1.75
120	38.1	1.5		86.9	75.3	69.2	63.1	3200	3200	4300	5213 5213ZZ 5213 2RS			58.8	73.5	79	111.5	1.5	1.66
140	58.7	2.1		142	153			2900		3900	3313			92.7	77		128	2	4.08
65	140	58.7	2.1	142	113	142	113	2900	2900	3900	5313 5313ZZ 5313 2RS			70.9	77	85.9	128	2	3.91
125	39.7	1.5		77.9	96.4			3100		4100	3214			80.7	78.5		116.5	1.5	1.92
125	39.7	1.5		94.5	82.6	76.3	70.3	3100	3100	4100	5214 5214ZZ 5214 2RS			61.4	78.5	83.5	116.5	1.5	1.81
150	63.5	2.1		151	160			2700		3600	3314			99.7	82		138	2	5.04
70	150	63.5	2.1	160	129	160	129	2700	2700	3600	5314 5314ZZ 5314 2RS			76	82	92.9	138	2	1.89
130	41.3	1.5		92.4	120			2900		3900	3215			84.7	83.5		121.5	1.5	2.1
160	68.3	2.1		169	189			2500		3300	3315			108.7	87		148	2	6.16
75	160	68.3	2.1	174	147	174	147	2500	2500	3300	5315 5315ZZ 5315 2RS			81.5	87	99.6	148	2	5.97