

# 30300 Tapered Roller Bearing

## Single Row Tapered Roller Bearing 30300 Tapered Roller Bearing



Designation	Principal dimensions [mm]			Basic load ratings [kN]			Pu	Speed ratings [rpm]		Weight (Kg)	ISO335	Dimensions [mm]										Abutment and fillet dimensions [mm]						Value				
	d1	D	B	dyc(Cr)	stc(Cor)	Speed Ratings		Limiting Speed	Dimensions (ABMA)			d	d1	B	C	r1,2(min)	r3,4(min)	a	da(max)	db(min)	Da(min)	Da(max)	Db(min)	Ca(min)	Cb(min)	ra(max)	rb(max)	e	Y	Yo		
									2FD																						2FB	2FC
30303J2	17	47	15.25	28.1	25	2.75	12000	16000	0.13	2FB	17	30.4	14	12	1	1	10	25	23	40	41	42	2	3	1	1	0.28	2.1	1.1			
32303J2/Q	17	47	20.25	40	33.5	3.65	12000	16000	0.17	2FD	17	30.7	19	16	1	1	12	24	23	39	41	43	3	4	1	1	0.26	2.1	1.1			
30304J2/Q	20	52	16.25	39	32.5	3.6	12000	14000	0.17	2FB	20	34.3	15	13	1.5	1.5	11	28	27	44	45	47	2	3	1.5	1.5	0.3	2	1.1			
30305J2	25	62	18.25	44.6	43	4.75	9000	12000	0.26	2FB	25	41.5	17	15	1.5	1.5	13	34	32	54	55	57	2	3	1.5	1.5	0.3	2	1.1			
30306J2/Q	30	72	20.75	64	56	6.4	8000	10000	0.39	2FB	30	48.4	19	16	1.5	1.5	15	41	37	62	65	66	3	4.5	1.5	1.5	0.31	1.9	1.1			
30307J2/Q	35	80	22.75	83	73.5	8.3	7500	9000	0.52	2FB	35	54.5	21	18	2	1.5	16	46	44	70	71	74	3	4.5	2	1.5	0.31	1.9	1.1			
30308J2/Q	40	90	25.25	100	95	10.8	6300	8000	0.72	2FB	40	62.5	23	20	2	1.5	19	53	49	77	81	82	3	5	2	1.5	0.35	1.7	0.9			
30309J2/Q	45	100	27.25	125	120	14.3	5600	7000	0.97	2FB	45	70.1	25	22	2	1.5	21	59	53	86	91	92	3	5	2	1.5	0.35	1.7	0.9			
30310J2/Q	50	110	29.25	143	140	16.6	5300	6300	1.25	2FB	50	77.2	27	23	2.5	2	23	65	60	95	100	102	4	6	2	2	0.35	1.7	0.9			
30311J2/Q	55	120	31.5	166	163	19.3	4800	5600	1.55	2FB	55	84	29	25	2.5	2	24	71	65	104	112	111	4	6.5	2	2	0.35	1.7	0.9			
30312J2/Q	60	130	33.5	168	196	23.6	4000	5300	1.95	2FB	60	91.9	31	26	3	2.5	26	77	72	112	118	120	5	7.5	2.5	2	0.35	1.7	0.9			
30313J2/Q	65	140	36	194	228	27.5	3600	4800	2.40	2GB	65	98.6	33	28	3	2.5	28	84	77	122	128	130	5	8	2.5	2	0.35	1.7	0.9			
30314J2/Q	70	150	38	220	260	31	3400	4500	2.90	2GB	70	105	35	30	3	2.5	29	90	82	130	138	140	5	8	2.5	2	0.35	1.7	0.9			
30315J2/Q	75	160	40	246	290	34	3200	4300	3.45	2GB	75	112	37	31	3	2.5	31	96	87	139	148	149	5	9	2.5	2	0.35	1.7	0.9			
30316J2	80	170	42.5	270	320	38	3000	4300	4.10	2GB	80	120	39	33	3	2.5	33	102	92	148	158	159	5	9.5	2.5	2	0.35	1.7	0.9			
30317J2	85	180	44.5	303	365	40.5	2800	4000	4.85	2GB	85	126	41	34	4	3	35	107	99	156	166	167	6	10.5	3	2.5	0.35	1.7	0.9			
30318J2	90	190	46.5	330	400	44	2600	4000	5.65	2GB	90	132	43	36	4	3	36	113	105	165	176	176	6	10.5	3	2.5	0.35	1.7	0.9			
30319	95	200	49.5	330	390	42.5	2600	3400	6.70	2GB	95	139	45	38	4	3	39	118	110	172	186	184	6	11.5	3	2.5	0.35	1.7	0.9			
30320J2	100	215	51.5	402	490	53	2400	3200	8.05	2GB	100	148	47	39	4	3	40	127	115	184	201	197	6	12.5	3	2.5	0.35	1.7	0.9			
30322J2	110	240	54.5	473	585	62	2200	2800	11.0	2GB	110	165	50	42	4	3	43	142	125	206	226	220	8	12.5	3	2.5	0.35	1.7	0.9			
30324J2	120	260	59.5	561	710	73.5	2000	2600	14.0	2GB	120	178	55	46	4	3	47	153	135	221	245	237	7	13.5	3	2.5	0.35	1.7	0.9			
30326J2	130	280	63.75	627	800	83	1800	2400	17.0	2GB	130	196	58	49	5	4	51	164	150	239	263	255	8	14.5	4	3	0.35	1.7	0.9			
33030	150	225	59	457	865	86.5	2000	2600	8.15	2EE	150	188	59	46	3	2.5	48	164	162	200	213	217	8	13	2.5	2	0.37	1.6	0.9			
30332J2	160	340	75	913	1180	114	1500	2000	29.0	2GB	160	233	68	58	5	4	61	201	180	290	323	310	9	17	4	3	0.35	1.7	0.9			
30352J2	260	540	113	2120	3050	250	850	1200	110	-	260	376	102	85	6	6	97	325	286	461	514	493	15	28	5	5	0.35	1.7	0.9			