

30200 Tapered Roller Bearing

Single Row Tapered Roller Bearing 30200 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
30203J2	17	40	13.25	19	18.6	1.83	13000	18000	0.075	2DB	17	28	12	11	1	1	10	23	23	34	34	37	2	2	1	1	0.35	1.7	0.9	
30204J2/Q	20	47	15.25	32	28	3	12000	15000	0.12	2DB	20	33.2	14	12	1	1	11	27	26	40	41	43	2	3	1	1	0.35	1.7	0.9	
30205J2/Q	25	52	16.25	35.5	33.5	3.45	11000	13000	0.15	3CC	25	37.4	15	13	1	1	12	31	31	44	46	48	2	3	1	1	0.37	1.6	0.9	
30228J2	28	58	17.25	38	41.5	4.4	9000	12000	0.25	-	28	41.8	16	14	1	1	13	35	34	50	52	54	2	3	1	1	0.37	1.6	0.9	
30206J2/Q	30	62	17.25	46.5	44	4.8	9000	11000	0.23	3DB	30	44.6	16	14	1	1	14	38	36	53	56	57	2	3	1	1	0.37	1.6	0.9	
30207J2/Q	35	72	18.25	58.5	56	6.1	8000	9500	0.32	3DB	35	51.8	17	15	1.5	1.5	15	44	42	62	65	67	3	3	1.5	1.5	0.37	1.6	0.9	
30208J2/Q	40	80	19.75	71	68	7.65	7000	8500	0.42	3DB	40	57.5	18	16	1.5	1.5	16	49	47	69	73	74	3	3.5	1.5	1.5	0.37	1.6	0.9	
30209J2/Q	45	85	20.75	76.5	76.5	8.65	6300	8000	0.48	3DB	45	63	19	16	1.5	1.5	18	54	52	74	78	80	3	4.5	1.5	1.5	0.4	1.5	0.8	
30210J2/Q	50	90	21.75	86.5	91.5	10.4	6000	7500	0.54	3DB	50	67.9	20	17	1.5	1.5	19	58	57	79	83	85	3	4.5	1.5	1.5	0.43	1.4	0.8	
30211J2/Q	55	100	22.75	104	106	12	5300	6700	0.70	3DB	55	74.6	21	18	2	1.5	20	64	64	88	93	94	4	4.5	2	1.5	0.4	1.5	0.8	
30212J2/Q	60	110	23.75	112	114	13.2	5000	6000	0.88	3EB	60	81.5	22	19	2	1.5	22	70	68	96	103	103	4	4.5	2	1.5	0.4	1.5	0.8	
30213J2/Q	65	120	24.75	132	134	16.3	4500	5600	1.15	3EB	65	89	23	20	2	1.5	23	78	74	106	113	113	4	4.5	2	1.5	0.4	1.5	0.8	
30214J2/Q	70	125	26.25	125	156	18	4000	5300	1.25	3EB	70	93.9	24	21	2	1.5	25	82	78	110	115	118	4	5	2	1.5	0.43	1.4	0.8	
30215J2/Q	75	130	27.25	140	176	20.4	3800	5000	1.40	4DB	75	99.2	25	22	2	1.5	27	86	84	115	122	124	4	5	2	1.5	0.43	1.4	0.8	
30216J2/Q	80	140	28.25	151	183	21.2	3400	4800	1.60	3EB	80	105	26	22	2.5	2	28	92	90	124	130	132	4	6	2	2	0.43	1.4	0.8	
30217J2/Q	85	150	30.5	176	220	25.5	3200	4300	2.05	3EB	85	112	28	24	2.5	2	30	97	95	132	140	141	5	6.5	2	2	0.43	1.4	0.8	
30218J2	90	160	32.5	194	245	28.5	3000	4000	2.55	3FB	90	118	30	26	2.5	2	31	104	101	140	150	150	5	6.5	2	2	0.43	1.4	0.8	
30219J2	95	170	34.5	216	275	31.5	2800	3800	3.00	3FB	95	126	32	27	3	2.5	33	110	107	149	158	159	5	7.5	2.5	2	0.43	1.4	0.8	
33020/Q	100	150	39	224	390	41.5	3000	4000	2.40	2CE	100	122	39	32.5	2	1.5	29	109	108	135	142	143	7	6.5	2	1.5	0.3	2	1.1	
30220J2	100	180	37	246	320	36	2800	3600	3.65	3FB	100	133	34	29	3	2.5	35	116	112	157	168	168	5	8	2.5	2	0.43	1.4	0.8	
33021/Q	105	160	43	246	430	45.5	2800	3800	3.05	2DE	105	131	43	34	2.5	2	31	117	116	145	150	153	7	9	2	2	0.28	2.1	1.1	
30221J2	105	190	39	270	355	40	2600	3400	4.25	3FB	105	141	36	30	3	2.5	37	123	117	165	178	177	6	9	2.5	2	0.43	1.4	0.8	
33022	110	170	47	281	500	53	2600	3600	3.85	2DE	110	139	47	37	2.5	2	34	123	121	152	160	161	7	10	2	2	0.28	2.1	1.1	
30222J2	110	200	41	308	405	45	2400	3200	5.10	3FB	110	148	38	32	3	2.5	39	129	122	174	188	187	6	9	2.5	2	0.43	1.4	0.8	
33024	120	180	48	292	540	56	2600	3400	4.20	2DE	120	149	48	38	2.5	2	36	132	131	160	170	171	6	10	2	2	0.3	2	1.1	
30224J2	120	215	43.5	341	465	49	2200	3000	6.15	4FB	120	161	40	34	3	2.5	43	141	132	187	203	201	6	9.5	2.5	2	0.43	1.4	0.8	
30226J2	130	230	43.75	369	490	53	2000	2800	7.60	4FB	130	173	40	34	4	3	45	152	146	203	216	217	7	9.5	3	2.5	0.43	1.4	0.8	
30228J2	140	250	45.75	418	570	58.5	1900	2600	8.65	4FB	140	186	42	36	4	3	47	164	156	219	236	234	7	9.5	3	2.5	0.43	1.4	0.8	
30230	150	270	49	429	560	57	1800	2400	11.0	4GB	150	200	45	38	4	3	50	175	166	234	256	250	9	11	3	2.5	0.43	1.4	0.8	
30232J2	160	290	52	528	735	72	1600	2200	13.0	4GB	160	214	48	40	4	3	54	189	176	252	275	269	8	12	3	2.5	0.43	1.4	0.8	
30234J2	170	310	57	616	865	83	1500	2000	19.0	4GB	170	230	52	43	5	4	58	203	190	268	293	288	8	14	4	3	0.43	1.4	0.8	
30236J2	180	320	57	583	815	80	1500	2000	20.0	4GB	180	239	52	43	5	4	61	211	200	278	303	297	9	14	4	3	0.44	1.35	0.8	
30238J2	190	340	60	721	1000	95	1400	1800	24.0	4GB	190	254	55	46	5	4	63	224	210	298	323	318	9	14	4	3	0.43	1.4	0.8	
30240J2	200	360	64	792	1120	106	1300	1700	25.0	4GB	200	268	58	48	5	4	68	237	220	315	343	336	9	16	4	3	0.43	1.4	0.8	
30244J2	220	400	72	990	1400	129	1200	1600	40.0	-	220	294	65	54	5	4	74	259	242	348	383	371	10	18	4	3	0.43	1.4	0.8	