

31300 Tapered Roller Bearing

Single Row Tapered Roller Bearing
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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	d 1	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
31305J2	25	62	18.25	38	40	4.4	7500	11000	0.26	7FB	25	45.8	17	13	1.5	1.5	20	34	32	47	55	59	3	5	1.5	1.5	0.83	0.72	0.4
31306J2Q	30	72	20.75	55	50	5.7	7500	9500	0.39	7FB	30	52.7	19	14	1.5	1.5	22	40	37	55	65	68	3	6.5	1.5	1.5	0.83	0.72	0.4
31307J2Q	35	80	22.75	71	67	7.8	6300	8500	0.52	7FB	35	59.6	21	15	2	1.5	25	45	44	62	71	76	3	7.5	2	1.5	0.83	0.72	0.4
31308J2QCL7C	40	90	25.25	85	81.5	9.5	5600	7500	0.72	7FB	40	67.1	23	17	2	1.5	28	51	49	71	81	86	3	8	2	1.5	0.83	0.72	0.4
31309J2QCL7C	45	100	27.25	106	102	12.5	5000	6700	0.95	7FB	45	74.7	25	18	2	1.5	31	57	53	79	91	95	4	9	2	1.5	0.83	0.72	0.4
31310J2QCL7C	50	110	29.25	122	120	14.3	4500	6000	1.20	7FB	50	81.5	27	19	2.5	2	34	62	60	87	100	104	4	10	2	2	0.83	0.72	0.4
31311J2QCL7C	55	120	31.5	140	137	16.6	4300	5600	1.55	7FB	55	88.4	29	21	2.5	2	37	68	65	94	112	113	4	10.5	2	2	0.83	0.72	0.4
31312J2QCL7C	60	130	33.5	166	166	20.4	3800	5300	1.90	7FB	60	95.9	31	22	3	2.5	39	74	72	103	118	123	5	11.5	2.5	2	0.83	0.72	0.4
31313J2QCL7C	65	140	36	190	193	23.6	3600	4800	2.35	7GB	65	103	33	23	3	2.5	42	80	77	111	128	132	5	13	2.5	2	0.83	0.72	0.4
31314J2QCL7C	70	150	38	216	220	27	3400	4500	2.95	7GB	70	110	35	25	3	2.5	45	85	82	118	138	141	5	13	2.5	2	0.83	0.72	0.4
31315J2QCL7C	75	160	40	240	245	29	3200	4300	3.50	7GB	75	116	37	26	3	2.5	48	91	87	127	148	151	6	14	2.5	2	0.83	0.72	0.4
31316J1QCL7C	80	170	42.5	260	265	32	3000	4000	4.05	7GB	80	124	39	27	3	2.5	52	97	92	134	158	159	6	15.5	2.5	2	0.83	0.72	0.4
31317J2	85	180	44.5	242	285	33.5	2600	3800	4.60	7GB	85	131	41	28	4	3	55	103	99	143	166	169	6	16.5	3	2.5	0.83	0.72	0.4
31318J2	90	190	46.5	264	315	36.5	2400	3400	5.90	7GB	90	138	43	30	4	3	57	109	105	151	176	179	5	16.5	3	2.5	0.83	0.72	0.4
31319J2	95	200	49.5	292	355	39	2400	3400	6.95	7GB	95	145	45	32	4	3	60	114	110	157	186	187	5	17.5	3	2.5	0.83	0.72	0.4
31320XJ2CL7CVQ051	100	215	56.5	430	465	51	2400	3000	8.60	7GB	100	158	51	35	4	3	65	121	115	168	201	202	7	21.5	3	2.5	0.83	0.72	0.4
31322XJ2	110	240	63	457	585	62	1900	2800	12.0	7GB	110	176	57	38	4	3	72	135	125	188	226	224	7	25	3	2.5	0.83	0.72	0.4
31324XJ2	120	260	68	539	695	73.5	1700	2400	15.5	7GB	120	190	62	42	4	3	78	145	135	203	245	244	9	26	3	2.5	0.83	0.72	0.4
31326XJ2	130	280	72	605	780	81.5	1600	2400	18.5	7GB	130	204	66	44	5	4	84	157	150	218	263	261	8	28	4	3	0.83	0.72	0.4
31328XJ2	140	300	77	693	900	88	1500	2200	24.5	7GB	140	219	70	47	5	4	90	169	160	235	283	280	9	30	4	3	0.83	0.72	0.4
31330XJ2	150	320	82	781	1020	100	1400	2000	29.5	7GB	150	234	75	50	5	4	96	181	170	251	303	300	9	32	4	3	0.83	0.72	0.4