

# 33100 Tapered Roller Bearing

Single Row Tapered Roller Bearing  
33100 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
	33108/Q	40	75	26	91.5		104	11.4			7000	9000	0.51	2CE	40	57.5	26	20.5	1.5	1.5	18	47	47	65	68	71	4	5.5	1.5	1.5
33109/Q	45	80	26	96.5	114	12.9	6700	8000	0.56	3CE	45	62.7	26	20.5	1.5	1.5	19	52	52	69	73	77	4	5.5	1.5	1.5	0.37	1.6	0.9	
33110/Q	50	85	26	100	122	13.4	6000	7500	0.59	3CE	50	67.9	26	20	1.5	1.5	20	57	57	74	78	82	4	6	1.5	1.5	0.4	1.5	0.8	
33111/Q	55	95	30	110	156	17.6	5000	6700	0.86	3CE	55	75.1	30	23	1.5	1.5	22	63	62	83	88	91	5	7	1.5	1.5	0.37	1.6	0.9	
33112/Q	60	100	30	134	170	19.6	5300	6300	0.92	3CE	60	80.4	30	23	1.5	1.5	23	67	67	88	93	96	5	7	1.5	1.5	0.4	1.5	0.8	
33113/Q	65	110	34	142	208	24	4300	5600	1.30	3DE	65	87.9	34	26.5	1.5	1.5	26	74	72	96	103	106	6	7.5	1.5	1.5	0.4	1.5	0.8	
33114/Q	70	120	37	172	250	30	4000	5300	1.70	3DE	70	94.8	37	29	2	1.5	28	80	79	104	112	115	6	8	2	1.5	0.37	1.6	0.9	
33115/Q	75	125	37	176	265	31.5	3800	5000	1.80	3DE	75	100	37	29	2	1.5	29	84	84	109	117	120	6	8	2	1.5	0.4	1.5	0.8	
33116/Q	80	130	37	179	280	32.5	3600	4800	1.90	3DE	80	105	37	29	2	1.5	30	89	89	114	122	126	6	8	2	1.5	0.43	1.4	0.8	
33116TN9/Q	80	130	37	179	280	32.5	3600	4800	1.90	3DE	80	105	37	29	2	1.5	30	89	89	114	122	126	6	8	2	1.5	0.43	1.4	0.8	
33117/Q	85	140	41	220	340	38	3400	4500	2.45	3DE	85	112	41	32	2.5	2	32	95	95	122	130	135	7	9	2	2	0.4	1.5	0.8	
33118/Q	90	150	45	251	390	43	3000	4300	3.10	3DE	90	120	45	35	2.5	2	35	101	101	130	140	144	7	10	2	2	0.4	1.5	0.8	
33118TN9/Q	90	150	45	251	390	43	3000	4300	3.10	3DE	90	120	45	35	2.5	2	35	101	101	130	140	144	7	10	2	2	0.4	1.5	0.8	
33122	110	180	56	369	630	67	2600	3400	5.55	3EE	110	146	56	43	2.5	2	44	121	121	155	170	174	9	13	2	2	0.43	1.4	0.8	