

TIMKEN

Where You Turn

Performance At Every Turn

Timken® IsoClass™ Metric 30000 Series Tapered Bearings





Timken. Where You Turn.

All around the world, customers turn to Timken for innovations that move them ahead of the competition. Our innovations surrounding friction management and power transmission are invaluable. And we have played a role in virtually all major technologies that have shaped our age, from automobile travel to artificial hearts. You'll find our products wherever you turn – on land, sea and in space.

When customers turn to us, they are turning to a global team of 26,000 associates. As the world's largest manufacturer of tapered roller bearings and mechanical seamless steel tubing, Timken has facilities in 26 countries. We are also leveraging our knowledge of friction management to offer a broader array of bearings, related products and integrated services. Our customers benefit by having Timken, a trusted name for more than 100 years, help evaluate entire systems, not just individual compo-

nents. This approach provides cost-effective solutions, while also helping to achieve specific objectives.

A Brand You Can Trust

Wherever we do business, in every part of the world, we strive to earn and maintain customer trust.

The IsoClass™ brand, a proven technology, based on decades of experience, is one of the many products that have earned this trust. In fact, Timken played an active role in establishing design standards for metric bearings, with involvement on the ISO tapered roller bearing technical committee. Timken also helped develop the ISO 355 design standard currently in use.

A long list of customer certifications and prestigious quality awards, provide solid evidence that customers turn to Timken for products they can trust.

Global Manufacturing and Distribution

Our bearing and steel manufacturing is strongly backed by Timken's technology centers. Each year, we commit more than \$60 million to our global technology organization. Rigorous worldwide quality standards ensure product quality, consistent dimensional accuracy, and component interchangeability, regardless of which Timken facility produces the bearings. Continuous testing at our global network of technology facilities backs our bearing performance predictions.

Our global distribution channels ensure our products reach customers in a timely manner and enable us to respond quickly to customer demands.

Superior Performance to Meet Customer Needs

Our commitment to superior performance begins with the highest quality steel. By leveraging our extensive expertise in steel manufacturing, we ensure that every Timken bearing meets the most stringent material requirements.

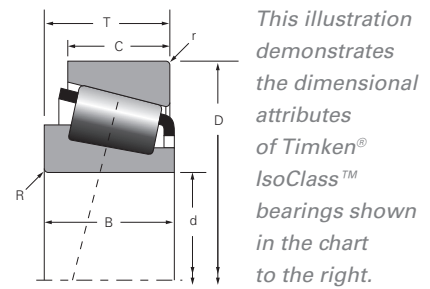
While we offer more than 180 IsoClass part numbers and broad coverage of ISO 355, we know that unique customer performance requirements are not always met by standard-size bearings.

Our engineers and other experts readily collaborate with customers to identify custom solutions that may include special materials, geometries or surface finishes.

We are also committed to adding new IsoClass products to satisfy our customers' demands.

Through our experience and manufacturing expertise, Timken IsoClass bearings deliver maximum performance in customer applications. According to tests completed at our technology facilities, the performance of IsoClass bearings meets, and in many cases, exceeds that of competitors' bearings.





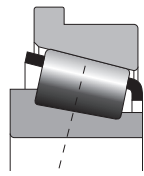
Timken® IsoClass™ Bearings

Standard IsoClass Bearings

The 30000 series bearings included in the original ISO/R 355 standard, also referred to as DIN720, constitute the majority of our IsoClass metric bearing line. Timken offers more than 180 basic bearings in the 30000 series.

Modified IsoClass Bearings

We offer ISO 355 bearings modified with different external configurations or internal geometry to meet specific application requirements. Two common modifications are available: IsoClass spacer assemblies and flanged IsoClass bearings.



Flanged IsoClass Bearings

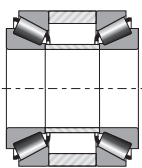
The flanged outer race facilitates axial location and accurately aligned seats in through-bored housings.

Note that the part numbers for both modified and flanged IsoClass bearings are marked with additional prefixes or suffixes. These bearings are not interchangeable with bearings sharing the same basic part number. For details, contact your Timken representative.

ISO Standards

The ISO 355 international metric standard defines external dimensions and cup angles for single-row tapered roller bearings. Originally designed to replace the ISO/R 355 standard, the new standard defined additional bearings and created new designation codes for the entire size range of ISO 355 metric bearings.

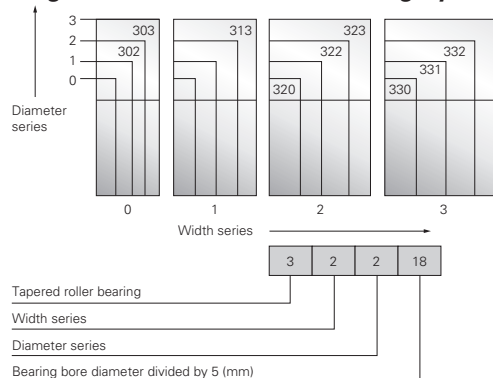
Converting current part numbers to the new codes would have been expensive for both manufacturers and users, so existing designation codes were retained for bearings that were in accordance with both the old and new standards.



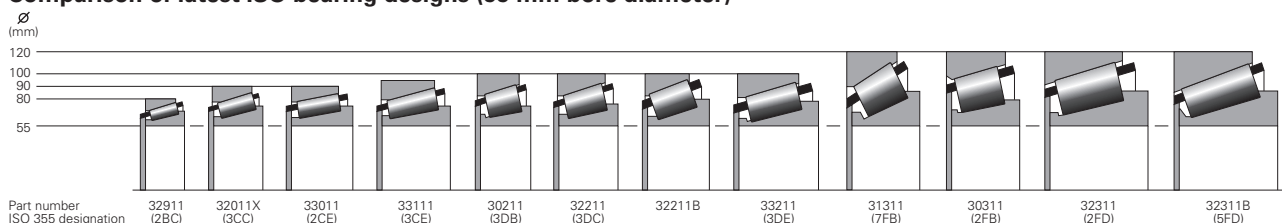
IsoClass Spacer Assemblies

A wide range of spacer assemblies are available to fill both original equipment and replacement applications. By adding spacers machined to predetermined dimensions and tolerances, most single-row standard IsoClass bearings also can be supplied as two-row, pre-set, ready-to-install assemblies.

Original ISO/R 355 Part Numbering System



Comparison of latest ISO bearing designs (55 mm bore diameter)



Timken IsoClass Offering

Base Part Number	ISO 355 Reference	Cone Bore	Cup OD	Bearing Width	Cone Width	Cup Width	Max Shaft Fillet Radius ⁽²⁾	Housing Backing Shoulder Diameter ⁽²⁾	Load ⁽¹⁾ Rating	Factors	Factors	Weight
		d	D	T	B	C	R	r	C _i	e	Y	kg
		mm	mm	mm	mm	mm	mm	mm	N			
30203	2DB	17	40	13.25	12.0	11.0	1.0	1.0	19800	0.35	1.74	0.08
30204	2DB	20	47	15.25	14.0	12.0	1.0	1.0	31400	0.35	1.74	0.12
30205	3CC	25	52	16.25	15.0	13.0	1.0	1.0	31600	0.37	1.60	0.16
30206	3DB	30	62	17.25	16.0	14.0	1.0	1.0	40500	0.37	1.60	0.23
30207	3DB	35	72	18.25	17.0	15.0	1.5	1.5	56100	0.37	1.60	0.33
30208	3DB	40	80	19.75	18.0	16.0	1.5	1.5	66700	0.37	1.60	0.41
30209	3DB	45	85	20.75	19.0	16.0	1.5	1.5	76900	0.40	1.48	0.46
30210	3DB	50	90	21.75	20.0	17.0	1.5	1.5	80100	0.42	1.43	0.52
30211	3DB	55	100	22.75	21.0	18.0	2.0	1.5	100000	0.40	1.48	0.69
30212	3EB	60	110	23.75	22.0	19.0	2.0	1.5	99100	0.40	1.48	0.90
30213	3EB	65	120	24.75	23.0	20.0	2.0	1.5	128000	0.40	1.48	1.15
30214	3EB	70	125	26.25	24.0	21.0	2.0	1.5	128000	0.42	1.43	1.26
30215	4DB	75	130	27.25	25.0	22.0	2.0	1.5	141000	0.44	1.38	1.35
30216	3EB	80	140	28.25	26.0	22.0	2.5	2.0	151000	0.42	1.43	1.63
30217	3EB	85	150	30.50	28.0	24.0	2.5	2.0	185000	0.42	1.43	2.10
30218	3FB	90	160	32.50	30.0	26.0	2.5	2.0	222000	0.42	1.43	2.62
30219	3FB	95	170	34.50	32.0	27.0	3.0	2.5	245000	0.42	1.43	3.14
30220	3FB	100	180	37.00	34.0	29.0	3.0	2.5	279000	0.42	1.43	3.77
30221	3FB	105	190	39.00	36.0	30.0	3.0	2.5	303000	0.42	1.43	4.49
30222	3FB	110	200	41.00	38.0	32.0	3.0	2.5	328000	0.42	1.43	5.19
30224	4FB	120	215	43.50	40.0	34.0	3.0	2.5	364000	0.44	1.38	6.23
30226	4FB	130	230	43.75	40.0	34.0	4.0	3.0	399000	0.44	1.38	7.05
30228	4FB	140	250	45.75	42.0	36.0	4.0	3.0	465000	0.44	1.38	8.23
30230	4GB	150	270	49.00	45.0	38.0	4.0	3.0	521000	0.44	1.38	11.08
30302	2FB	15	42	14.25	13.0	11.0	1.0	1.0	24100	0.29	2.11	0.10
30303	2FB	17	47	15.25	14.0	12.0	1.0	1.0	30300	0.29	2.11	0.13
30304	2FB	20	52	16.25	15.0	13.0	1.5	1.5	35700	0.30	2.00	0.18
30305	2FB	25	62	18.25	17.0	15.0	1.5	1.5	50600	0.30	2.00	0.25
30306	2FB	30	72	20.75	19.0	16.0	1.5	1.5	57300	0.31	1.90	0.38
30307	2FB	35	80	22.75	21.0	18.0	2.0	1.5	81800	0.31	1.90	0.50
30308	2FB	40	90	25.25	23.0	20.0	2.0	1.5	91500	0.35	1.74	0.74
30309	2FB	45	100	27.25	25.0	22.0	2.0	1.5	120000	0.35	1.74	0.96
30310	2FB	50	110	29.25	27.0	23.0	2.5	2.0	131000	0.35	1.74	1.27
30311	2FB	55	120	31.50	29.0	25.0	2.5	2.0	164000	0.35	1.74	1.62
30312	2FB	60	130	33.50	31.0	26.0	3.0	2.5	186000	0.35	1.74	1.96
30313	2GB	65	140	36.00	33.0	28.0	3.0	2.5	206000	0.35	1.74	2.49
30314	2GB	70	150	38.00	35.0	30.0	3.0	2.5	233000	0.35	1.74	2.92
30315	2GB	75	160	40.00	37.0	31.0	3.0	2.5	277000	0.35	1.74	3.69
30316	2GB	80	170	42.50	39.0	33.0	3.0	2.5	309000	0.35	1.74	4.33
30317	2GB	85	180	44.50	41.0	34.0	4.0	3.0	340000	0.35	1.74	4.78
31307	7FB	35	80	22.75	21.0	15.0	2.0	1.5	58600	0.83	0.73	0.52
31308	7FB	40	90	25.25	23.0	17.0	2.0	1.5	79000	0.83	0.73	0.73
31309	7FB	45	100	27.25	25.0	18.0	2.0	1.5	98400	0.83	0.73	0.95
31310	7FB	50	110	29.25	27.0	19.0	2.5	2.0	115000	0.83	0.73	1.21
31311	7FB	55	120	31.50	29.0	21.0	2.5	2.0	134000	0.83	0.73	1.55
31312	7FB	60	130	33.50	31.0	22.0	3.0	2.5	159000	0.83	0.73	1.95
31313	7GB	65	140	36.00	33.0	23.0	3.0	2.5	178000	0.83	0.73	2.41
31314	7GB	70	150	38.00	35.0	25.0	3.0	2.5	203000	0.83	0.73	2.93
31315	7GB	75	160	40.00	37.0	26.0	3.0	2.5	236000	0.83	0.73	3.46
31318	7GB	90	190	46.50	43.0	30.0	4.0	3.0	322000	0.83	0.73	5.55
32204	2DD	20	47	19.25	18.0	15.0	1.0	1.0	38700	0.33	1.81	0.16
32205	2CD	25	52	19.25	18.0	16.0	1.0	1.0	38900	0.36	1.67	0.18
32206	3DC	30	62	21.25	20.0	17.0	1.0	1.0	60400	0.37	1.60	0.28
32207	3DC	35	72	24.25	23.0	19.0	1.5	1.5	76600	0.37	1.60	0.41
32208	3DC	40	80	24.75	23.0	19.0	1.5	1.5	74900	0.37	1.60	0.53
32209	3DC	45	85	24.75	23.0	19.0	1.5	1.5	81100	0.40	1.48	0.59
32210	3DC	50	90	24.75	23.0	19.0	1.5	1.5	93600	0.42	1.43	0.61
32211	3DC	55	100	26.75	25.0	21.0	2.0	1.5	112000	0.40	1.48	0.85

(1) Based on 1×10^6 revolutions L_{10} life for the ISO life calculation method.

(2) These maximum fillet radii will be cleared by the bearing corners.

Base Part Number	ISO 355 Reference	Cone Bore	Cup OD	Bearing Width	Cone Width	Cup Width	Max Shaft Fillet Radius ⁽²⁾	Housing Backing Shoulder Diameter ⁽²⁾	Load ⁽¹⁾ Rating	Factors	Factors	Weight
		d	D	T	B	C	R	r	C _r	e	Y	kg
		mm	mm	mm	mm	mm	mm	mm	N			
32212	3EC	60	110	29.75	28.0	24.0	2.0	1.5	127000	0.40	1.48	1.15
32213	3EC	65	120	32.75	31.0	27.0	2.0	1.5	161000	0.40	1.48	1.53
32214	3EC	70	125	33.25	31.0	27.0	2.0	1.5	169000	0.42	1.43	1.63
32215	4DC	75	130	33.25	31.0	27.0	2.0	1.5	170000	0.44	1.38	1.70
32216	3EC	80	140	35.25	33.0	28.0	2.5	2.0	190000	0.42	1.43	2.05
32217	3EC	85	150	38.50	36.0	30.0	2.5	2.0	227000	0.42	1.43	2.64
32218	3FC	90	160	42.50	40.0	34.0	2.5	2.0	291000	0.42	1.43	3.48
32219	3FC	95	170	45.50	43.0	37.0	3.0	2.5	293000	0.42	1.43	4.10
32220	3FC	100	180	49.00	46.0	39.0	3.0	2.5	364000	0.42	1.43	5.00
32221	3FC	105	190	53.00	50.0	43.0	3.0	2.5	369000	0.42	1.43	5.94
32222	3FC	110	200	56.00	53.0	46.0	3.0	2.5	456000	0.42	1.43	7.29
32224	4FD	120	215	61.50	58.0	50.0	3.0	2.5	543000	0.44	1.38	9.26
32226	4FD	130	230	67.75	64.0	54.0	4.0	3.0	631000	0.44	1.38	11.56
32230	4GD	150	270	77.00	73.0	60.0	4.0	3.0	788000	0.44	1.38	14.56
32205B	5CD	25	52	19.25	18.0	15.0	1.0	1.0	36700	0.58	1.03	0.19
32206B	5DC	30	62	21.25	20.0	17.0	1.0	1.0	51700	0.56	1.07	0.30
32304	2FD	20	52	22.25	21.0	18.0	1.5	1.5	51800	0.30	2.00	0.23
32305	2FD	25	62	25.25	24.0	20.0	1.5	1.5	67100	0.30	2.00	0.37
32306	2FD	30	72	28.75	27.0	23.0	1.5	1.5	81200	0.31	1.90	0.56
32307	2FE	35	80	32.75	31.0	25.0	2.0	1.5	107000	0.31	1.90	0.76
32308	2FD	40	90	35.25	33.0	27.0	2.0	1.5	123000	0.35	1.74	1.03
32309	2FD	45	100	38.25	36.0	30.0	2.0	1.5	143000	0.35	1.74	1.37
32310	2FD	50	110	42.25	40.0	33.0	2.5	2.0	173000	0.35	1.74	1.84
32311	2FD	55	120	45.50	43.0	35.0	2.5	2.0	211000	0.35	1.74	2.34
32312	2FD	60	130	48.50	46.0	37.0	3.0	2.5	245000	0.35	1.74	2.90
32313	2GD	65	140	51.00	48.0	39.0	3.0	2.5	280000	0.35	1.74	3.54
32314	2GD	70	150	54.00	51.0	42.0	3.0	2.5	339000	0.35	1.74	4.40
32315	2GD	75	160	58.00	55.0	45.0	3.0	2.5	331000	0.35	1.74	5.07
32316	2GD	80	170	61.50	58.0	48.0	3.0	2.5	414000	0.35	1.74	6.35
32317	2GD	85	180	63.50	60.0	49.0	4.0	3.0	445000	0.35	1.74	7.27
32318	2GD	90	190	67.50	64.0	53.0	4.0	3.0	532000	0.35	1.74	8.51
32320	2GD	100	215	77.50	73.0	60.0	4.0	3.0	575000	0.35	1.74	13.03
32321	2GD	105	225	81.50	77.0	63.0	4.0	3.0	712000	0.35	1.74	14.42
32308B	5FD	40	90	35.25	33.0	27.0	2.0	1.5	123000	0.55	1.10	1.10
32309B	5FD	45	100	38.25	36.0	30.0	2.0	1.5	147000	0.55	1.10	1.43
32310B	5FD	50	110	42.25	40.0	33.0	2.5	2.0	179000	0.55	1.10	1.95
32311B	5FD	55	120	45.50	43.0	35.0	2.5	2.0	206000	0.55	1.10	2.45
32312B	5FD	60	130	48.50	46.0	37.0	3.0	2.5	247000	0.55	1.10	3.10
32924	2CC	120	165	29.00	29.0	23.0	1.5	1.5	164000	0.35	1.72	1.79
32926	2CC	130	180	32.00	32.0	25.0	2.0	1.5	194000	0.34	1.77	2.36
32928	2CC	140	190	32.00	32.0	25.0	2.0	1.5	207000	0.36	1.67	2.51
32930	2DC	150	210	38.00	38.0	30.0	2.5	2.0	300000	0.33	1.83	4.00
32934	3DC	170	230	38.00	38.0	30.0	2.5	2.0	333000	0.38	1.57	4.40
32936	4DC	180	250	45.00	45.0	34.0	2.5	2.0	395000	0.48	1.25	6.50
32940	3EC	200	280	51.00	51.0	39.0	3.0	2.5	522000	0.39	1.52	9.45
32944	3EC	220	300	51.00	51.0	39.0	3.0	2.5	550000	0.43	1.41	9.96
32948	4EC	240	320	51.00	51.0	39.0	3.0	2.5	56000	0.46	1.31	11.00
32956	4EC	280	380	63.50	63.5	48.0	3.0	2.5	833000	0.43	1.39	19.91
32960	3FD	300	420	76.00	76.0	57.0	4.0	3.0	1006000	0.39	1.52	31.50
32968	4FD	340	460	76.00	76.0	57.0	4.0	3.0	1200000	0.44	1.37	34.68
32972	4FD	360	480	76.00	76.0	57.0	4.0	3.0	1220000	0.46	1.31	36.43
33010	2CE	50	80	24.00	24.0	19.0	1.0	1.0	74600	0.32	1.90	0.45
33011	2CE	55	90	27.00	27.0	21.0	1.5	1.5	92100	0.31	1.92	0.67
33012	2CE	60	95	27.00	27.0	21.0	1.5	1.5	95100	0.33	1.83	0.70
33013	2CE	65	100	27.00	27.0	21.0	1.5	1.5	99100	0.35	1.72	0.75
33014	2CE	70	110	31.00	31.0	25.5	1.5	1.5	142000	0.28	2.11	1.10
33015	2CE	75	115	31.00	31.0	25.5	1.5	1.5	146000	0.30	2.01	1.16
33017	2CE	85	130	36.00	36.0	29.5	1.5	1.5	204000	0.29	2.06	1.74
33018	2CE	90	140	39.00	39.0	32.5	2.0	1.5	229000	0.27	2.23	2.20
33019	2CE	95	145	39.00	39.0	32.5	2.0	1.5	228000	0.28	2.16	2.25

(1) Based on 1×10^6 revolutions L_{10} life for the ISO life calculation method.

(2) These maximum fillet radius will be cleared by the bearing corners.

Base Part Number	ISO 355 Reference	Cone Bore	Cup OD	Bearing Width	Cone Width	Cup Width	Max Shaft Fillet Radius ⁽²⁾	Housing Backing Shoulder Diameter ⁽²⁾	Load ⁽¹⁾ Rating	Factors	Factors	Weight
		d	D	T	B	C	R	r	C _r	e	Y	kg
		mm	mm	mm	mm	mm	mm	mm	N			
33020	2CE	100	150	39.00	39.0	32.5	2.0	1.5	232000	0.29	2.09	2.36
33021	2DE	105	160	43.00	43.0	34.0	2.5	2.0	269000	0.28	2.12	2.95
33022	2DE	110	170	47.00	47.0	37.0	2.5	2.0	315000	0.29	2.09	3.84
33024	2DE	120	180	48.00	48.0	38.0	2.5	2.0	326000	0.31	1.97	4.20
33108	2CE	40	75	26.00	26.0	20.5	1.5	1.5	81500	0.36	1.69	0.49
33109	3CE	45	80	26.00	26.0	20.5	1.5	1.5	88000	0.38	1.57	0.53
33110	3CE	50	85	26.00	26.0	20.0	1.5	1.5	89500	0.41	1.46	0.58
33111	3CE	55	95	30.00	30.0	23.0	1.5	1.5	123000	0.37	1.60	0.85
33112	3CE	60	100	30.00	30.0	23.0	1.5	1.5	127000	0.40	1.51	0.91
33113	3DE	65	110	34.00	34.0	26.5	1.5	1.5	155000	0.39	1.55	1.25
33114	3DE	70	120	37.00	37.0	29.0	2.0	1.5	183000	0.38	1.58	1.68
33115	3DE	75	125	37.00	37.0	29.0	2.0	1.5	189000	0.40	1.51	1.77
33116	3DE	80	130	37.00	37.0	29.0	2.0	1.5	193000	0.42	1.44	1.88
33117	3DE	85	140	41.00	41.0	32.0	2.5	2.0	235000	0.41	1.48	2.48
33118	3DE	90	150	45.00	45.0	35.0	2.5	2.0	284000	0.40	1.51	3.16
33205	2DE	25	52	22.00	22.0	18.0	1.0	1.0	51100	0.35	1.71	0.22
33206	2DE	30	62	25.00	25.0	19.5	1.0	1.0	68400	0.34	1.76	0.35
33207	2DE	35	72	28.00	28.0	22.0	1.5	1.5	92600	0.35	1.70	0.53
33208	2DE	40	80	32.00	32.0	25.0	1.5	1.5	112000	0.36	1.68	0.73
33209	3DE	45	85	32.00	32.0	25.0	1.5	1.5	116000	0.39	1.56	0.79
33210	3DE	50	90	32.00	32.0	24.5	1.5	1.5	120000	0.41	1.45	0.84
33211	3DE	55	100	35.00	35.0	27.0	2.0	1.5	150000	0.40	1.50	1.17
33212	3EE	60	110	38.00	38.0	29.0	2.0	1.5	183000	0.40	1.48	1.53
33213	3EE	65	120	41.00	41.0	32.0	2.0	1.5	205000	0.39	1.54	1.97
33214	3EE	70	125	41.00	41.0	32.0	2.0	1.5	220000	0.41	1.47	2.11
33215	3EE	75	130	41.00	41.0	31.0	2.0	1.5	219000	0.43	1.40	2.18
33216	3EE	80	140	46.00	46.0	35.0	2.5	2.0	275000	0.43	1.41	2.94
33217	3EE	85	150	49.00	49.0	37.0	2.5	2.0	325000	0.42	1.43	3.61
32004X	3CC	20	42	15.00	15.0	12.0	0.6	0.6	25700	0.37	1.60	0.10
32005X	4CC	25	47	15.00	15.0	11.5	0.6	0.6	28500	0.43	1.39	0.11
32006X	4CC	30	55	17.00	17.0	13.0	1.0	1.0	36300	0.43	1.39	0.17
32007X	4CC	35	62	18.00	18.0	14.0	1.0	1.0	44100	0.45	1.32	0.23
32008X	3CD	40	68	19.00	19.0	14.5	1.0	1.0	51400	0.38	1.58	0.27
32009X	3CC	45	75	20.00	20.0	15.5	1.0	1.0	61500	0.39	1.53	0.35
32010X	3CC	50	80	20.00	20.0	15.5	1.0	1.0	64700	0.42	1.42	0.37
32011X	3CC	55	90	23.00	23.0	17.5	1.5	1.5	87900	0.41	1.48	0.57
32012X	4CC	60	95	23.00	23.0	17.5	1.5	1.5	89600	0.43	1.39	0.60
32013X	4CC	65	100	23.00	23.0	17.5	1.5	1.5	90800	0.46	1.31	0.64
32014X	4CC	70	110	25.00	25.0	19.0	1.5	1.5	104000	0.43	1.38	0.89
32015X	4CC	75	115	25.00	25.0	19.0	1.5	1.5	106000	0.46	1.31	0.92
32016X	3CC	80	125	29.00	29.0	22.0	1.5	1.5	154000	0.42	1.42	1.28
32017X	4CC	85	130	29.00	29.0	22.0	1.5	1.5	151000	0.44	1.36	1.35
32018X	3CC	90	140	32.00	32.0	24.0	2.0	1.5	170000	0.42	1.42	1.73
32019X	4CC	95	145	32.00	32.0	24.0	2.0	1.5	172000	0.44	1.36	1.80
32020X	4CC	100	150	32.00	32.0	24.0	2.0	1.5	180000	0.46	1.31	1.90
32021X	4DC	105	160	35.00	35.0	26.0	2.5	2.0	210000	0.44	1.35	2.40
32022X	4DC	110	170	38.00	38.0	29.0	2.5	2.0	261000	0.43	1.39	3.08
32024X	4DC	120	180	38.00	38.0	29.0	2.5	2.0	269000	0.46	1.31	3.27
32026X	4EC	130	200	45.00	45.0	34.0	2.5	2.0	359000	0.43	1.38	4.95
32028X	4DC	140	210	45.00	45.0	34.0	2.5	2.0	361000	0.46	1.31	5.24
32030X	4EC	150	225	48.00	48.0	36.0	3.0	2.5	410000	0.46	1.31	6.38
32032X	4EC	160	240	51.00	51.0	38.0	3.0	2.5	471000	0.46	1.31	7.90
32034X	4EC	170	260	57.00	57.0	43.0	3.0	2.5	579000	0.44	1.35	10.57
32036X	3FD	180	280	64.00	64.0	48.0	3.0	2.5	722000	0.42	1.42	11.39
32038X	4FD	190	290	64.00	64.0	48.0	3.0	2.5	734000	0.44	1.36	14.81
32040X	4FD	200	310	70.00	70.0	53.0	3.0	2.5	831000	0.43	1.39	18.84
32044X	4FD	220	340	76.00	76.0	57.0	4.0	3.0	975000	0.43	1.39	24.20
32048X	4FD	240	360	76.00	76.0	57.0	4.0	3.0	804000	0.46	1.31	26.50
32064X	4GD	320	480	100.00	100.0	74.0	5.0	4.0	1770000	0.46	1.31	60.00

(1) Based on 1×10^6 revolutions L_{10} life for the ISO life calculation method.

(2) These maximum fillet radius will be cleared by the bearing corners.

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