



CHANGZHOU DINGLI BEARINGS CO.,LTD



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■ History

1994 Changzhou Dingli bearings Co.,Ltd. established
1995 Nanjing Export Department established
2003 Din bearings (Canada) Co. Ltd established
2006 Trade-mark of DIN registered in Canada
2006 SGS report in accordance with the RoHS Directive 2002/95/EC acquired
2007 ISO9001:2000 Quality Management System Certification Certificate acquired
2009 Relocated to the new plant covering an area of near 9000 square meters

Company Brief Introduction

Changzhou DINGLI Bearings Co., LTD which is located in Changzhou City, Jiangsu Province, about 180 kilometers from Shanghai Port, 300 kilometers from Ningbo Port, is a technology-based manufacturer established in 1994 in the bearing industry.

DINGLI BEARINGS mainly produces many types of tapered roller bearings which include metric and inch series, automotive spare parts and deep groove ball bearings. While providing a wide range of standardized bearing products, our company also can produce special bearing products according to customers' requirements.

Since early 90's, our company has exported large volumes of bearing products to more than thirty countries and territories. Especially, our company has established solid cooperation relationships with customers in industrialized markets such as US, Canada, and EU markets. As a manufacturer for global market, our company has built the worldwide reputation in product longevity, premium quality, high precision, reliable performance, competitive price, and timely delivery service.

We always hope that we can establish long-term business relationship with you all the industry companies!

1. The structural characteristics of rolling bearings

1.1 Tapered roller bearings

These bearings have tapered rollers which are guided by the thicker side of the cup. The design of the sliding surfaces of the cup and inner ring, and the rolling elements when extended converge towards the same single point on the bearing axle.

Single-row bearings can carry radial load and axial load in one direction.

Double-row and four-row tapered roller bearings can bear the radial load and axial load in double directions.

The capacity of carrying axial load varies with the contact angle(α). The greater the angle, the bigger the capacity.

The separable cup and the cone assembly(consisting of inner ring and rollers and cage) makes both mounting and dismounting easy and convenient.

DIN provides both metric and inch series single-row, double-row and four-row tapered roller bearings.

Structures of tapered roller bearings

Single-row tapered roller bearings

These bearings can only limit the axial movement of either the shaft or the housing in one direction, and can carry axial load in one direction. When with only radial load, the axial force formed inside the bearing must be offset. It is suggested that two bearings be put in face-to-face or back-to-back arrangements in application.

Double-row tapered roller bearings

This design can make the bearing carry radial load and simultaneously the axial load in double directions. It can limit the axial movement of the shaft or the housing in double direction within the scope of the axial clearance.

Four-row tapered roller bearings

The functions and features of these bearings are basically same as those of the double-row design. However, they can carry heavier load than the double-row tapered roller bearings, but with slightly lower limit rotation speed. Applications of these bearings can be found in the heavy machines such as rolling mills.

Cages

Normally these tapered roller bearings use pressed basket, shaped cages of steel sheet. But for cages with greater machined dimension, cages are also used.

Permissible misalignment

Usually for tapered roller bearings there should be no misalignment between the shaft and the housing bore. When there is misalignment, the angle should under no circumstances be greater than $2'$.

Clearance

Single-row tapered roller bearings have clearance only when they are mounted, and the clearance can be defined only when another bearing is located next to it in the opposite direction after tuning. For double-row and four-row tapered roller bearings, the clearance can be provided according to the requirements and relative standards.

The equivalent dynamic load

$$P=F_r \quad [\text{kN}] \quad F_r/F_r \leq e$$

$$P=0.4 F_r + Y F_a \quad [\text{kN}] \quad F_r/F_r > e$$

Single -row tapered roller bearings can be used in pairs(their basic dimensions may differ), and when calculating the equivalent dynamic load, the additional axial force caused by the radial load must be calculated and taken into consideration. The additional force S of single-row tapered roller bearings can be approximately calculated according to the following formula:

$$S=F_r/2Y$$

For double-row and four-row tapered roller bearings

$$P=F_r + Y_1 F_a \quad [\text{kN}] \quad F_r/F_r \leq e$$

$$P=0.67 F_r + Y_2 F_a \quad [\text{kN}] \quad F_r/F_r > e$$

The equivalent static load

Single-row tapered roller bearing

$$P_0=0.5 F_r + Y_1 F_a \quad [\text{kN}]$$

If $P_0 < F_r$, then let $P_0=F_r$.

Double -row and four-row tapered roller bearings

$$P_0=F_r + Y_2 F_a \quad [\text{kN}]$$

Both F_r and F_a indicate the total load working on the single-row and double-row and four-row tapered roller bearings.

The factors e, Y, Y_1, Y_2, Y_0 are listed in the bearing dimension tables.

There are also inch-sized bearings:

Applications of these bearings are found in automobile wheels (both rear and front), variable speed devices, differential mechanisms, small pinion, machine tool spindles, construction machines, large size agricultural machines, gear deceleration devices for railway vehicles, small deceleration devices for mill roll necks.



1.2 Spherical roller bearings

Spherical rollers are put between the spherical raceway on the outer ring and the two grooves on the inner ring for these bearings. Since the centre of the arc raceway on the outer ring is same as the centre of the whole bearing arrangement, these bearings are self-aligned and automatically adjust the bending of the shaft and housing and the eccentricity.

The bearings can carry radial load and axial load in double directions. The especial radial load carrying capability makes these bearings suitable for heavy load and shock load carrying.

The tapered bore with adapter sleeve or withdrawal sleeve makes the mounting and dismounting on the shaft quite convenient.

There two tapered bores:

1:30(suffix: K30), applicable for 24000 and 24100 series; and 1:12(Suffix: K), application for other series.

For bearings with tapered bores, adapter or withdrawal sleeve should be used to locate the bearing on the shaft.

Under normal load and working conditions, when the inner ring is rotating, the spherical roller bearings shall allow angular misalignment given in the following table. Whether these values can be met or not depends on the design of the configuration and the type of sealing and other conditions.

Bearing series		Permissible angular misalignment (no great than)
Current code	Old code	
22200	3003100	1.5°
230000	3003700	
231000	3500	
239000		
22300	3600	2°
24000		
23200	3003200	2.5°
24100		

The equivalent dynamic load:

$$P=F_r + Y F_a \quad [\text{kN}] \quad \text{when } F_r/F_r \leq e$$

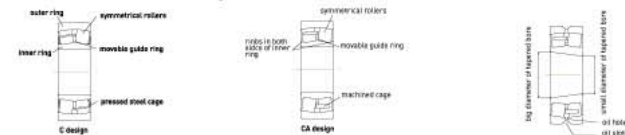
$$P=0.67 F_r + Y F_a \quad [\text{kN}] \quad \text{when } F_r/F_r > e$$

The values of Y and e can be found in the bearing dimension tables.

The equivalent static load:

$$P_0=F_r + Y_2 F_a \quad [\text{kN}]$$

The value of Y_0 can be read from the bearing dimension tables.



1.3 Cylindrical roller bearings

Cylindrical rollers have linear contact with the raceway, and the bearings can carry heavier radial load. Applications are found in situations characterized by heavy load and shock load and also high rotation speed.

The N type and NU type bearings can be movable along the shaft. They can adapt to the position changes between the shaft and housing caused by the thermal expansions or the mounting error and are most suitable for free end shafts. NJ and NF types can accept certain axial load in one direction, and NH and NUP types can accept certain axial load in two directions.

Inner ring and outer ring can be separable, and they are convenient to mount and dismount.

The rigidity in carrying radial load in the NNU and NN types makes them applicable for machine tool spindles.

FC, FCD and FCDP types can carry comparatively heavy radial load and are mainly applied for mill rolls.

Applications of these bearings are mostly found in middle size and large size motors, electricity generators, internal combustion engines, gas turbines, machine tool spindles, deceleration devices, unloading and lifting machines and other industrial machines.

Single-row cylindrical roller bearings

NU type and N type cylindrical roller bearings allow the shaft to move in the axial direction within certain limits in relation to the housing. Therefore, they can be used as bearings on the free end of the shaft.

NJ type and NFP cylindrical roller bearings can carry the axial load within certain limits in double directions.

Double-row cylindrical roller bearings

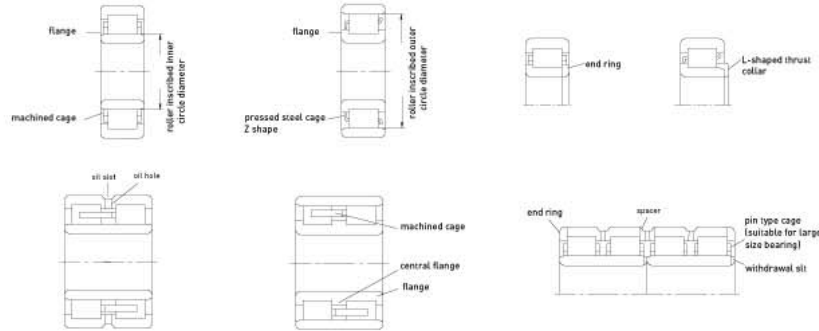
There are cylindrical bored and tapered bored cylindrical roller bearings. There may be lubricating holes or grooves on the outer ring of these bearings.

Mostly these bearings are used in machine tool spindles, but they can be used in other situation too.

Four-row cylindrical roller bearings

Four-row cylindrical roller bearings can carry much heavier radial load and shock load.

They have higher manufacturing precision and can be used to meet high rotation speed requirement. Mostly these bearings are used in the rolling mills and some other cases.



2. Selection of bearing structure

The variety of machine types, combined with the differences in the application conditions, leads to different requirements for bearings. Normally, there will be no less than two bearings applied on one shaft.

In addition, for the purpose of convenience in fixing axial position, normally one bearing is used to fix one end, and the others free on the other end of the shaft. The following table provides the choice on bearings on the fixing end and on the free end of the shaft.

Table Bearings on the fixing end and the free end

	Content	Applicable bearing types
Bearings on the fixing end	•Fix the bearing in the axial direction. •Choose bearings that can carry both the radial load and the axial load. •In order to carry double-direction axial load, strength must be considered according to the amount of the axial load while mounting.	Deep groove ball bearings. Combined angular contact ball bearings Double-row angular contact ball bearings Self-aligning ball bearings Cylindrical roller bearings with flanges (NUP and NH types) Double-row tapered roller bearings Spherical roller bearings
Bearings on the free end	•The bearing must adapt to the shaft expansion caused by the changes in temperature while working and adjust the bearing position in the axial direction. •Only the bearings with separable inner ring and outer ring that can carry radial load should be chosen. •With non-separable bearings, there should be a clearance between the outer ring and housing in order to adapt the bearing to the shaft expansion in the axial direction. •Sometimes, the adaption is achieved with the contact surface between the shaft and the inner ring.	•Separable cylindrical roller bearings (NU or N type) •Non-separable types •Deep groove ball bearings •Combined angular contact ball bearings (back-to-back arrangement) •Double-row angular contact ball bearings •Self-aligning ball bearings •Double-row tapered roller bearings (3700 type) •Spherical roller bearings
Regardless of fixing end or free end	•When the distance between the two bearings is small, and the effects of shaft expansion are not important, two angular contact ball bearings or tapered roller bearings that can carry axial load can be used together in face-to-face or back-to-back arrangement. •Use screw nut or filling piece to adjust the axial clearance after mounting.	Deep groove ball bearings Angular contact ball bearings Self-aligning ball bearings Cylindrical roller bearings (NJ and NF type) Tapered roller bearings Spherical roller bearings
Vertical shaft	•Bearings that can carry both radial and axial load should be chosen for the fixing end. If the axial load is too big, use the combination of thrust bearing and radial bearing. •Similarly, only bearings that can carry radial load should be used to adapt to the shaft expansion.	•For fixing end •Combined angular contact ball bearing (back-to-back arrangement) •Double row tapered roller bearings (37000 type) •Combined thrust bearing and radial bearing arrangements

3. Bearing limit rotation speed

The rotation speed of the bearing is mainly restricted by the increase in temperature due to the frictional heat generated inside the bearing. When the rotation speed exceeds certain limit, the bearing shall fail to continue to rotate due to the burns. Limit rotation speed of bearings indicates the limit value of the rotation speed when there is no frictional heat that leads to the burns and the bearing can continuously rotate.

Therefore, the limit rotation speed of the bearing is subject to the bearing type, dimensions, precision, lubrication method, quality and amount of lubricant, material and design of retaining cage, loading conditions and other factors. The limit rotation speed for different types of bearings using grease lubrication and oil lubrication are respectively given in the dimension tables of these bearings. These values indicate the limit values of bearing rotation speed of normal design under normal loading conditions ($C/P \geq 13$, $F_r/F_r \leq 0.25$ or so).

In addition, the lubrication may be better than others in properly, according to types and brand, but it may not be suitable for high speed rotation.

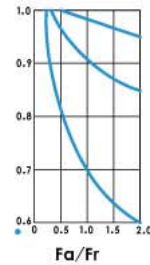
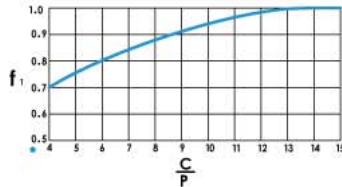
3.1 Correction of limit rotational speed

Correction must be done with formula (3.1) on limit rotation speed, when the loading condition $C/P \geq 13$ (i.e. the equivalent dynamic load P exceeds basic dynamic load rating C by 8% or so), or the axial load exceeds the radial load by over 25% in the combined load.

$$n_2 = f_1 \cdot f_2 \cdot n$$

Where

n_s : the corrected limit rotation speed, rpm
 f_1 : the correction factor related to the loading condition (3.1)
 f_2 : the correction factor related to the combined load
 n : the limit rotation speed under normal load conditions, rpm
 C : the basic dynamic load rating, N {kgf}
 P : the equivalent dynamic load, N {kgf}
 F_r : radial load, N {kgf}
 F_a : axial load, N {kgf}



3.2 Precautions for high-speed rotation

When the bearing rotates at high speed, especially at rotational speed approaching or exceeding the limit rotation speed given in the dimension tables, attention must be paid to the following issues:

- (1) Apply precise bearings.
- (2) Analyze the internal clearance of the bearing (taking the reduction in internal clearance caused by the temperature increase into consideration.)
- (3) Analyze the type of material of the cage (For high speed rotation, cages of copper alloy or PF resins are preferred. Cages of synthetic resins are also workable.
- (4) Analyze the lubricating method (Circular lubrication, spurt lubrication, oil spray or gas lubrications are suitable for high-speed rotations.)

3.3 The friction factors of bearings (for reference)

In order to be compared with the sliding bearings, the frictional torque of rolling bearings can be calculated according to the bore diameter of the bearings:

$$M = \mu P d / 2$$

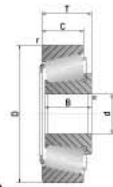
Where

M : frictional torque mN, M {kgf, mm}
 μ : Frictional factor (Table 8.1)
 P : Load of the bearing, N {kgf}
 d : nominal bore diameter, mm

The frictional factor μ is greatly influenced by the bearing type, load, rotation speed and lubrication and so on. The reference frictional factor under normal stable rotation conditions is given in Table 3.1

For sliding bearings, normally $\mu = 0.01 \sim 0.02$, sometimes $0.1 \sim 0.2$

Bearing type	Friction factor μ
Deep groove ball bearings	0.0010-0.0015
Angular contact ball bearings	0.0012-0.0020
Self-aligning ball bearings	0.0008-0.0012
Cylindrical roller bearings	
Needle roller bearings with full complement	0.0025-0.0035
Caged needle roller bearings	0.0020-0.0030
Tapered roller bearings	0.0017-0.0025
Spherical roller bearings	0.0020-0.0025
Thrust ball bearings	0.0010-0.0015
Spherical roller thrust bearings	0.0020-0.0025



Tapered Roller Bearing (Metric Series)

Dimensions(mm)					Basic Load Rating				Limiting Speed			
d	D	T	B	C	r (min)	r1 (min)	Cr (kN)	Cr (kN)	Bearing Designation Cone-Cup	Grease (rpm)	Oil (rpm)	Weight (kg)
15	35	11.75	11	10	0.6	0.6	14.9	13.4	30202	12000	16000	0.053
17	40	13.25	12	11	1	1	20.8	20.7	30203	10000	14000	0.081
17	47	15.25	14	12	1	1	27.4	24.5	30303	9200	12000	0.133
17	47	20.25	19	16	1	1	31.9	29.9	32303	9400	13000	0.176
20	42	15	15	12	0.6	0.6	27.3	31.5	32004X	9700	13000	0.102
20	47	15.25	14	12	1	1	27.0	27.2	30204	8700	12000	0.127
20	52	16.25	16	13	1.5	1.5	36.2	35.1	30304	8300	11000	0.179
20	52	22.25	21	18	1.5	1.5	45.1	46.7	32304	8400	11000	0.244
25	47	15	15	11.5	0.6	0.6	30.2	37.7	32005X	8300	11000	0.118
25	52	16.25	15	13	1	1	31.5	33.7	30205	7800	10000	0.155
25	52	19.25	18	16	1	1	39.8	44.8	32205	7900	11000	0.188
25	52	22	22	18	1	1	48.9	58.5	33205	7900	10000	0.225
25	62	18.25	17	15	1.5	1.5	48.2	46.9	30305	6800	9000	0.273
25	62	25.25	24	20	1.5	1.5	61.2	64.1	32305	6900	9100	0.386
30	55	17	17	13	1	1	38.2	48.0	32006X	7000	9400	0.177
30	62	17.25	16	14	1	1	41.5	44.8	30206	6500	8700	0.236
30	62	21.25	20	17	1	1	50.7	57.9	32206	6500	8700	0.292
30	62	25	25	19.5	1	1	66.4	79.4	33206	6500	8700	0.359
30	72	20.75	19	16	1.5	1.5	59.6	60.1	30306	5800	7700	0.411
30	72	28.75	27	23	1.5	1.5	82.2	91.6	32306	5900	7900	0.588
32	52	16	16	12	1	1	35.2	44	320/28X	7500	10000	0.15
32	58	17	17	13	3.6	1	36.9	46.5	320/32AX	4900	6300	0.19
32	58	17	17	13	1	1	36.9	46.5	320/32X	4900	6300	0.19
35	62	18	18	14	1	1	45.5	59.4	32007X	6200	8200	0.231
35	72	18.25	17	15	1.5	1.5	55.1	60.9	30207	5600	7400	0.344
35	72	24.25	23	19	1.5	1.5	69.6	82.4	32207	5600	7500	0.551
35	72	28	28	22	1.5	1.5	87.6	107	33207	5700	7500	0.551
35	80	22.75	21	18	2	1.5	76.2	78.9	30307	5200	6900	0.527
35	80	32.75	31	25	2	1.5	101	114	32307	5300	7000	0.776
35	80	22.75	21	15	2	1.5	61.6	67	31307	4500	6000	0.518
40	68	19	19	14.5	1	1	53.5	71.4	32008X	5600	7400	0.282
40	80	19.75	18	16	1.5	1.5	62.9	69.2	30208	5000	6700	0.434
40	80	24.75	23	19	1.5	1.5	77.7	90.8	32208	5000	6600	0.554
40	80	32	32	25	1.5	1.5	108	139	33208	5000	6700	0.758
40	90	25.25	23	20	2	1.5	90.6	101	30308	4500	6100	0.757
40	90	35.25	33	27	2	1.5	116	139	32308	4600	6200	1.06
45	75	20	20	15.5	1	1	62.8	86.5	32009X	5000	6600	0.354
45	80	26	26	20.5	1.5	1.5	87.5	120	33109	4800	6400	0.563
45	85	20.75	19	16	1.5	1.5	67.2	77.4	30209	4600	6100	0.502
45	85	24.75	23	19	1.5	1.5	84.2	104	32209	4600	6100	0.597
45	85	32	32	25	1.5	1.5	112	149	33209	4600	6200	0.818
45	100	27.25	25	22	2	1.5	113	128	30309	4100	5400	1.01
45	100	38.25	36	30	2	1.5	146	180	32309	4100	5500	1.43



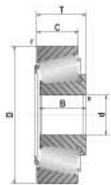
Tapered Roller Bearing (Metric Series)

Dimensions(mm)					Basic Load Rating			Limiting Speed			
d	D	T	B	C	r	r ₁	C _r	C _{0r}	Bearing Designation	(rpm)	Weight
(min)	(min)	(min)	(min)	(min)	(min)	(min)	(kN)	(kN)	Cone-Cup	Grease	Oil
50	80	20	20	15.5	1	1	65.7	94.5	32010X	4600	6100
50	85	26	26	20	1.5	1.5	89.4	127	33110	4400	5900
50	90	21.75	20	17	1.5	1.5	76.5	91.7	30210	4300	5700
50	90	24.75	23	19	1.5	1.5	85.0	105	32210	4300	5700
50	90	32	32	24.5	1.5	1.5	119	167	33210	4300	5700
50	110	29.25	27	23	2.5	2	137	152	30310	3700	4900
50	110	42.25	40	33	2.5	2	176	220	32310	3700	5000
55	90	23	23	17.5	1.5	1.5	84.6	121	32011X	4100	5500
55	90	27	27	21	1.5	1.5	96.5	149	33011	4100	5400
55	95	30	30	23	1.5	1.5	116	161	33111	4000	5300
55	100	22.75	21	18	2	1.5	94.6	113	30211	3900	5200
55	100	26.75	25	21	2	1.5	142	189	32211	3900	5200
55	100	35	35	27	2	1.5	142	189	33211	3900	5200
55	120	31.5	29	25	2.5	2	149	170	30311	3300	4500
55	120	45.5	43	35	2.5	2	200	250	32311	3400	4500
60	95	23	23	17.5	1.5	1.5	86.1	127	32012X	3900	5200
60	110	23.75	22	19	2	1.5	106	127	30212	3500	4700
60	110	29.75	28	24	2	1.5	132	167	32212	3500	4700
60	130	33.5	31	26	3	2.5	173	201	30312	3100	4100
60	130	48.5	46	37	3	2.5	244	315	32312	3100	4200
65	100	23	23	17.5	1.5	1.5	90.0	137	32013X	3600	4800
65	110	34	34	26.5	1.5	1.5	152	223	33113	3400	4600
65	120	24.75	23	20	2	1.5	128	156	30213	3200	4300
65	120	32.75	31	27	2	1.5	157	203	32213	3200	4300
65	120	41	41	32	2	1.5	200	277	33213	3200	4300
65	140	36	33	28	3	2.5	204	239	30313	2800	3800
65	140	51	48	39	3	2.5	276	357	32313	2900	3900
70	110	25	25	19	1.5	1.5	108	163	32014X	3300	4400
70	110	31	31	25.5	1.5	1.5	134	208	33014	3300	4400
70	125	26.25	24	21	2	1.5	138	173	30214	3100	4100
70	125	33.25	31	27	2	1.5	169	225	32214	3100	4100
70	150	38	35	30	3	2.5	230	273	30314	2600	3500
70	150	54	51	42	3	2.5	317	414	32314	2700	3600
75	115	25	25	19	1.5	1.5	110	169	32015X	3100	4200
75	115	31	31	25.5	1.5	1.5	141	225	33015	3200	4200
75	125	37	37	29	2	1.5	186	280	33115	3000	4000
75	130	27.25	25	22	2	1.5	142	181	30215	2900	3900
75	130	33.25	31	27	2	1.5	174	234	32215	2900	3900
75	130	41	41	31	2	1.5	212	310	33215	2900	3900
75	160	40	37	31	3	2.5	260	311	30315	2500	3300
75	160	58	55	45	3	2.5	363	481	32315	2500	3300
80	125	29	29	22	1.5	1.5	147	225	32016X	2900	3900
80	130	37	37	29	2	1.5	191	294	33116	2800	3800
80	140	28.25	26	22	2.5	2	161	202	30216	2700	3600
80	140	35.25	33	28	2.5	2	203	271	32216	2700	3600
80	140	46	46	35	2.5	2	250	371	33216	2700	3600
80	170	42.5	39	33	3	2.5	294	355	30316	2300	3100
80	170	61.5	58	48	3	2.5	383	503	32316	2300	3100
85	130	29	29	22	1.5	1.5	150	234	32017X	2800	2800
85	130	36	36	29.5	1.5	1.5	177	300	33017	2800	2800
85	140	41	41	32	2.5	2	224	346	33117	2600	2600



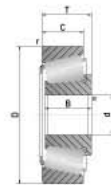
Tapered Roller Bearing (Metric Series)

Dimensions(mm)					Basic Load Rating			Limiting Speed			
d	D	T	B	C	r	r ₁	C _r	C _{0r}	Bearing Designation	(rpm)	Weight
(min)	(min)	(min)	(min)	(min)	(min)	(min)	(kN)	(kN)	Cone-Cup	Grease	Oil
85	150	30.5	28	24	2.5	2	182	231	30217	2500	3400
85	150	38.5	36	30	2.5	2	232	315	32217	2500	3400
85	150	49	49	37	2.5	2	294	439	33217	2500	3400
85	180	44.5	41	34	4	3	316	384	30317	2200	2900
85	180	63.5	60	49	4	3	439	587	32317	2200	3000
90	140	32	32	24	2	1.5	178	276	32018X	2600	3500
90	150	45	45	35	2.5	2	258	413	33118	2500	3300
90	160	32.5	30	26	2.5	2	204	261	30218	2400	3200
90	160	42.5	40	34	2.5	2	263	362	32218	2400	3200
90	190	46.5	43	36	4	3	345	420	30318	2100	2700
90	190	67.5	64	53	4	3	461	614	32318	2100	2800
95	145	32	32	24	2	1.5	182	287	32019X	2500	3300
95	145	39	39	32.5	2	1.5	226	382	33019	2500	3300
95	170	34.5	32	27	3	2.5	231	299	30219	2200	3000
95	170	45.5	43	37	3	2.5	311	439	32219	2200	3000
95	200	49.5	45	38	4	3	317	368	30319	2000	2600
95	200	71.5	67	55	4	3	427	544	32319	2000	2600
100	150	32	32	24	2	1.5	185	298	32020X	2400	3200
100	180	37	34	29	3	2.5	258	338	30220	2100	2800
100	180	49	46	39	3	2.5	347	495	32220	2100	2800
100	215	51.5	47	39	4	3	344	400	30320	1800	2400
100	215	77.5	73	60	4	3	491	637	32320	1800	2400
105	160	35	35	26	2.5	2	215	344	32021X	2200	3000
105	190	39	36	30	3	2.5	288	380	30221	2000	2600
105	190	53	50	43	3	2.5	392	567	32221	2000	2700
105	225	53.5	49	41	4	3	371	432	30321	1700	2300
105	225	81.5	77	63	4	3	543	707	32321	1800	2300
105	160	43	43	34	2.5	2	267	461	33021	2200	3000
110	170	38	38	29	2.5	2	248	395	32022X	2100	2800
110	170	47	47	37	2.5	2	287	502	33022	2100	2800
110	200	41	38	32	3	2.5	324	434	30222	1900	2500
110	200	56	53	46	3	2.5	438	640	32222	1900	2500
110	240	84.5	80	65	4	3	607	797	32322	1600	2200
120	180	38	38	29	2.5	2	258	427	32024X	2000	2600
120	215	43.5	40	34	3	2.5	347	473	30224	1700	2300
120	215	61.5	58	50	3	2.5	470	691	32224	1700	2300
120	180	48	48	38	2.5	2	299	540	33024	2000	2600
130	200	45	45	34	2.5	2	340	563	32026X	1800	2300
130	230	43.75	40	34	4	3	377	511	30226	1600	2100
130	230	67.75	64	54	4	3	554	830	32226	1600	2200
140	210	45	45	34	2.5	2	346	585	32028X	1700	2200
140	250	45.75	42	36	4	3	420	570	30228	1500	1900
140	250	71.75	68	58	4	3	636	961	32228	1500	2000
150	225	48	48	36	3	2.5	391	668	32030X	1500	2000
150	270	49	45	38	4	3	483	664	30230	1300	1800
150	270	77	73	60	4	3	704	1070	32230	1300	1800
150	320	72	65	55	5	4	837	1080	30330	1200	1500
160	290	84	80	67	4	3	795	1210	32232	1200	1700
160	240	51	51	38	3	2.5	440	758	32032X	1400	1900
240	360	76	76	57	4	3	924	1720	32048X	870	1200
280	420	87	87	65	5	4	1200	2280	32056X	720	960



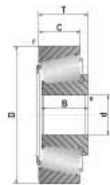
Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)				Bearing Designation		Limiting Speed(rpm)	Weight(kg)	
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
-	-	-	-	-	-	-	-	-	5BC	-	-	0.0154
-	-	-	-	-	-	-	-	-	11BC	-	-	0.0275
15.875	42.862	14.288	14.288	9.525	1.5	1.5	17.4	17.4	11590/11520	10000	14000	0.10
17.462	39.878	13.843	14.605	10.668	1.3	1.3	22.9	23.4	LM11749/LM11710	11000	14000	0.08
19.050	39.992	12.014	11.153	9.525	1.0	1.3	124	123	A6075/A6157	-	-	0.07
19.050	45.237	15.494	16.637	12.065	1.3	1.3	30.6	32.0	LM11949/LM11910	9400	13000	0.12
19.050	49.225	18.034	19.050	14.288	1.3	1.3	39.7	40.5	09067/09195	8900	12000	0.17
19.050	49.225	21.209	19.050	17.462	1.3	1.5	39.7	40.5	09067/09196	8900	12000	0.19
19.050	49.225	19.845	21.539	14.288	1.5	1.3	39.7	40.5	09074/09195	8900	12000	0.18
19.050	49.225	23.020	21.539	17.462	1.5	1.5	-	-	09074/09196	-	-	-
21.430	50.005	17.526	18.288	13.970	1.3	1.3	40.8	43.5	M12649/M12610	8500	11000	0.16
21.430	45.237	15.494	16.637	12.065	1.3	1.3	-	-	LM12748/LM12710	-	-	0.038
21.430	45.974	15.494	16.637	12.065	1.3	1.3	-	-	LM12748/LM12711	-	-	-
21.986	45.237	15.494	16.637	12.065	1.3	1.3	30.2	35.3	LM12749/LM12710	8000	10000	0.12
21.986	45.974	15.494	16.637	12.065	1.3	1.3	30.2	35.3	LM12749/LM12711	8900	12000	0.12
22.225	50.005	17.526	18.288	13.970	1.3	1.3	40.8	43.5	M12648/M12610	8500	11000	0.17
25.225	57.150	22.225	22.225	17.462	1.3	1.3	-	-	1280/1220	-	-	0.14
22.225	56.896	19.368	19.837	15.875	1.3	1.3	42.0	45.3	1755/1729	7600	10000	0.24
23.812	50.005	13.495	14.260	9.525	1.5	1.0	27.0	29.6	07093/07196	-	-	0.12
23.812	51.994	15.011	14.260	12.700	1.5	1.3	-	-	07093/07204	-	-	0.15
25.000	50.005	13.495	14.260	9.525	1.5	1.0	-	-	07097/07196	-	-	-
25.000	51.994	15.011	14.260	12.700	1.5	1.3	-	-	07097/07204	-	-	-
25.400	50.005	13.495	14.260	9.525	1.0	1.0	27.0	29.6	07100/07196	7900	11000	0.11
25.400	51.994	15.011	14.260	12.700	1.0	1.3	27.0	29.6	07100/07204	7900	11000	0.14
25.400	63.500	20.637	20.638	15.875	3.5	1.3	-	-	15100/15250	-	-	-
25.400	61.912	19.050	20.638	14.288	0.8	2.0	46.8	53.9	15101/15243	-	-	-
25.400	62.000	19.050	20.638	14.288	0.8	1.3	46.8	53.9	15101/15245	6400	8600	0.29
25.400	63.500	20.638	20.638	15.875	0.8	1.3	46.8	53.9	15101/15250	-	-	-
25.400	63.500	20.638	20.638	15.875	0.8	1.5	46.8	53.9	15101/15250X	6400	8600	0.32
25.400	64.292	21.433	21.433	16.670	1.5	1.5	55.7	71.7	M86643/M86610	-	-	-
25.400	65.088	22.225	21.463	15.875	1.5	1.5	50.6	55.8	23100/23256	5600	7900	0.36
25.400	57.150	19.431	19.431	14.732	1.5	1.5	44.9	52.9	M84548/M84510	6400	8600	0.23
25.400	50.292	14.224	14.732	10.668	1.3	1.3	27.8	32.9	L44643/L44610	7800	10000	0.12
25.400	52.000	14.224	14.732	10.668	1.3	1.3	-	-	L44643/JL44615	-	-	-
25.987	57.150	17.462	17.462	13.945	3.5	1.5	-	-	K15579X/K15520	-	-	0.207
26.157	62.000	19.050	20.638	14.288	0.8	1.3	46.8	53.9	15103/15245	6400	8600	0.29
26.162	61.912	19.050	19.939	14.288	0.8	2.0	-	-	15103S/15243	-	-	0.29
26.162	62.000	19.050	19.939	14.288	0.8	1.3	-	-	15103S/15245	-	-	0.29
26.162	63.500	20.637	19.939	15.875	0.8	1.3	-	-	15103S/15250	-	-	-
26.988	62.000	19.050	20.638	14.288	0.8	1.3	46.8	53.9	15106/15245	6400	8600	0.28
26.988	50.292	14.224	14.732	10.668	3.5	1.3	27.8	32.9	L44649/L44610	7800	10000	0.11
26.988	52.000	14.224	14.732	10.668	3.5	1.3	-	-	L44649/JL44615	-	-	0.13
26.988	63.500	20.638	20.638	15.875	0.8	1.6	44.6	50.7	15106/15250X	6400	8600	0.317
26.988	57.150	17.938	17.462	13.495	3.5	**	42.6	50.1	15580/15520	-	-	-
28.575	68.262	22.225	22.225	17.462	0.8	1.6	59.1	70.2	02474/02420	6000	8000	0.40
28.575	73.025	22.225	22.225	17.462	0.8	3.3	60.8	74.9	02872/02820	5500	7400	1.04
28.575	62.000	19.050	20.638	14.288	3.5	1.3	46.8	53.9	15112/15245	6400	8600	0.27
28.575	63.500	20.638	20.638	15.875	3.6	1.2	44.6	50.7	15112/15250	6400	8600	0.305
28.575	57.150	17.462	17.462	13.495	3.5	1.5	42.6	50.1	15590/15520	7000	9400	0.19



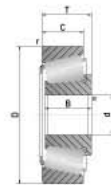
Tapered Roller Bearing (Inch Series)

Dimensions[mm]				Basic load rating[kN]		Bearing Designation		Limiting Speed[rpm]	Weight[kg]		
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil
28.575	72.626	24.608	24.257	17.462	4.8	1.5	64.6	64.1	41125/41286	6100	8100
28.575	72.626	24.608	24.257	17.462	1.5	1.5	64.6	64.1	41126/41286	6100	8100
29.000	50.292	14.224	14.732	10.668	3.5	1.3	27.7	36.2	F15029/L45410	7600	10000
29.000	50.292	14.224	14.732	10.668	3.5	1.3	27.7	36.2	L45449/L45410	7600	10000
29.987	62.000	16.002	16.566	14.288	1.5	1.5	40.0	44.1	17118/17244	6700	8900
30.000	69.012	19.845	19.583	15.875	3.5	1.3	50.6	61.7	14117A/14276	5900	7800
30.112	61.912	19.050	20.638	14.288	0.8	2.0	-	-	15116/15243	-	-
30.112	62.000	19.050	20.638	14.288	0.8	1.3	46.8	53.9	15116/15245	-	-
30.112	63.500	20.637	20.638	15.875	0.8	1.3	-	-	15116/15250	-	-
30.162	64.292	21.433	21.433	16.670	1.5	1.5	55.7	71.7	M86649/M86610	6400	8500
30.213	61.912	19.050	20.638	14.288	3.5	2.0	-	-	15118/15243	-	-
30.213	62.000	19.050	20.638	14.288	3.5	1.3	46.8	53.9	15118/15245	6400	8600
30.213	63.500	20.637	20.638	15.875	3.5	1.3	-	-	15118/15250	-	-
30.213	61.912	19.050	20.638	14.288	0.8	2.0	-	-	15120/15243	-	-
30.213	62.000	19.050	20.638	14.288	0.8	1.3	46.8	53.9	15120/15245	-	-
30.213	63.500	20.637	20.638	15.875	0.8	1.3	-	-	15120/15250	-	-
30.226	69.012	19.845	19.583	15.875	0.8	1.3	50.6	61.7	14116/14276	5900	7800
30.226	69.012	19.845	26.721	15.875	4.3	3.3	-	-	14120/14274	-	-
30.226	69.012	39.705	26.721	15.875	4.3	1.3	-	-	14120/14276	-	-
31.750	68.262	22.225	22.225	17.462	3.6	1.6	51.0	61.1	02475/02420	6000	8000
31.750	69.012	26.987	26.721	15.875	4.3	3.3	-	-	14123A/14274	-	-
31.750	69.012	19.845	19.583	15.875	0.8	1.3	50.6	61.7	14124/14276	-	-
31.750	69.012	19.845	19.583	15.875	3.6	3.2	46.10	55.0	14125A/14274	5900	7800
31.750	69.012	19.845	19.583	15.875	3.5	1.3	50.6	61.7	14125A/14276	5900	7800
31.750	61.912	19.050	19.050	14.288	**	2.0	-	-	15123/15243	-	-
31.750	62.000	18.161	19.050	14.288	**	1.3	44.6	50.7	15123/15245	6400	8600
31.750	62.000	18.161	19.050	14.288	**	1.3	44.6	50.7	K15123/K15245	6400	8600
31.750	63.500	20.638	19.050	15.875	**	1.3	44.6	50.7	15123/15250	-	-
31.750	63.500	19.749	19.050	15.875	**	1.3	44.6	50.7	15123/15250X	6400	8600
31.750	62.000	19.050	20.638	14.288	3.5	1.3	46.8	53.9	15125/15245	6400	8600
31.750	61.912	19.050	20.638	14.288	0.8	2.0	-	-	15126/15243	-	-
31.750	62.000	19.050	20.638	14.288	0.8	1.3	46.8	53.9	15126/15245	6400	8600
31.750	63.500	20.637	20.638	15.875	0.8	1.3	-	-	15126/15250	-	-
31.750	66.421	25.400	25.357	20.638	0.8	3.3	20.1	94.4	2580/2520	-	-
31.750	68.262	22.225	22.225	17.462	1.5	1.5	59.6	77.4	M88046/M88010	6000	7900
31.750	59.131	15.875	16.764	11.811	**	1.3	36.5	44.6	LM67048/LM67010	6600	8800
31.750	59.131	15.875	16.764	11.811	**	1.3	35.8	43.1	LM67048RS/LM67010	6600	8800
31.750	59.131	16.750	16.764	11.811	0.8	1.3	-	-	LM67049A/LM67010	-	-
33.338	76.200	23.775	25.654	19.050	1.5	0.8	-	-	2790/2729	-	-
33.338	68.262	22.225	22.225	17.462	0.8	1.5	59.6	77.4	M88048/M88010	6000	7900
34.925	69.012	26.982	26.721	15.875	0.8	3.3	-	-	14136A/14274	-	-
34.925	69.012	26.982	26.721	15.875	0.8	1.2	46.1	55.0	14136A/14276	5900	7800
34.925	69.012	19.845	19.583	15.875	1.5	1.3	50.6	61.7	14137A/14276	5900	7800
34.925	69.012	19.845	19.583	15.875	3.6	3.2	46.1	55.0	14138A/14274	5900	7800
34.925	69.012	19.845	19.583	15.875	3.5	1.3	50.6	61.7	14138A/14276	5900	7800
34.925	80.167	29.370	30.391	23.812	3.5	3.3	106	129	3379/3320	5000	6700
34.925	73.025	23.812	24.608	19.050	1.5	2.3	78.8	97.4	25877/25820	5600	7400
34.925	73.025	23.812	24.608	19.050	1.5	0.8	78.8	97.4	25877/25821	5600	7400
34.925	76.200	29.370	28.575	23.812	1.5	3.3	87.7	107	31594/31520	5400	7200



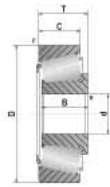
Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)				Bearing Designation		Limiting Speed(rpm)	Weight(kg)	
d	D	T	B	C	R _{min}	F _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
34.925	72.233	25.400	25.400	19.842	2.3	2.3	71.1	94.2	HM88649/HM88610	5700	7600	0.50
34.925	76.200	33.338	28.575	23.020	3.5	3.3	86.2	119	HM89446/HM89410	-	-	0.64
34.925	65.088	18.034	18.288	13.970	-	1.3	50.5	63.1	LM48548/LM48510	6000	8000	0.26
34.925	65.088	18.034	18.288	13.970	0.8	1.3	50.5	63.1	LM48548A/LM48510	6000	8000	0.25
34.925	65.088	21.082	18.288	17.018	-	1.6	48.0	58.5	LM48548/LM48511	6000	8000	0.277
34.980	59.131	15.875	16.764	11.938	**	1.2	35.7	48.5	L68149/L68110	6400	8500	-
34.988	59.974	15.875	16.764	11.938	**	1.3	35.5	49.3	L68149/L68111	6400	8500	0.18
34.988	61.973	16.700	17.000	13.600	**	1.5	39.4	52.4	LM78349/LM78310	5600	7500	0.19
34.988	61.973	16.700	17.000	13.600	**	1.5	39.4	52.4	LM78349/LM78310A	5600	7500	0.19
35.000	65.000	18.100	20.600	17.000	2.3	1.3	45.7	53.1	U298/U261+collar	5500	7400	0.255
35.000	59.974	15.875	18.461	11.938	2.0	1.3	-	-	JL68145/L68111	-	-	0.18
35.000	59.975	15.875	18.461	11.938	**	1.2	35.7	48.5	JL68145/JL68111Z	6400	8500	-
35.000	59.975	15.875	18.412	11.938	2.5	1.3	36.0	48.6	F15036/JL68111Z	6400	8500	0.187
35.717	72.233	25.400	25.400	19.842	3.5	2.3	71.1	94.2	HM88648/HM88610	5700	7600	0.48
36.487	76.200	23.812	25.654	19.050	1.5	3.3	80.4	102	2780/2720	5000	6700	0.52
36.487	73.025	23.813	24.608	19.050	1.6	2.4	72.2	87.3	25880/25820	5600	7400	0.458
36.512	76.200	29.370	28.575	23.020	3.5	3.3	86.2	119	HM89449/HM89410	5400	7200	0.62
36.512	79.375	29.370	28.829	22.664	3.5	3.3	-	-	HM89249/HM89210	-	-	0.7
38.000	63.000	17.000	17.000	13.500	**	1.3	39.8	55.0	JL69349/JL69310	6000	8000	0.19
38.000	63.000	17.000	19.000	13.500	**	1.3	39.8	55.0	JL69345/JL69310	-	-	0.19
38.100	72.238	20.638	20.638	15.875	3.5	1.3	52.4	65.8	16150/16284	5600	7400	0.35
38.100	76.200	23.812	25.654	19.050	4.3	3.3	80.4	102.0	2776/2720	-	-	0.49
38.100	82.550	29.370	28.575	23.020	0.8	3.3	95.1	130	HM801346/HM801310	4900	6600	0.76
38.100	82.550	29.370	28.575	23.020	2.3	3.3	95.1	130	HM801346X/HM801310	-	-	-
38.100	76.200	23.812	25.654	19.050	5.5	3.3	80.4	102.0	2777/2720	-	-	0.48
38.100	76.200	23.812	25.654	19.050	3.5	3.3	80.4	102	2788/2720	5000	6700	0.49
38.100	76.200	23.812	25.654	19.050	1.5	3.3	80.4	102	2788A/2720	5000	6700	0.50
38.100	79.375	29.370	29.771	23.812	3.5	3.3	96.9	119	3490/3420	5200	6900	0.65
38.100	88.500	26.988	29.083	22.225	3.5	1.5	107	124	418/414	4900	6500	0.82
38.100	82.931	23.812	25.400	19.050	0.8	0.8	83.8	110.0	25572/25520	4800	6300	0.64
38.100	69.012	19.050	19.050	15.083	3.5	2.3	52.5	67.9	13685/13621	5600	7500	0.28
38.100	69.012	19.050	26.195	15.083	1.5	2.3	-	-	13686/13621	-	-	-
38.100	69.012	19.050	19.050	15.083	2.0	2.3	52.5	67.9	13687/13621	-	-	-
38.100	80.035	24.608	23.698	18.512	0.8	1.5	72.2	91.1	27880/27820	5200	6900	0.56
38.100	80.035	23.812	23.698	17.462	0.8	1.5	-	-	27880/27821	-	-	0.54
38.100	65.088	18.034	18.288	13.970	**	1.3	45	60.3	LM29748/LM29710	5800	7800	0.22
38.100	65.088	18.034	18.288	13.970	2.3	1.3	45	60.3	LM29749/LM29710	5800	7800	0.22
38.100	65.088	19.812	18.288	15.748	**	1.3	-	-	LM29748/LM29711	-	-	-
38.100	65.088	19.812	18.288	15.748	2.3	1.3	45	60.3	LM29749/LM29711	5800	7800	0.24
39.688	73.025	19.395	22.098	15.265	2.3	1.3	53.0	66.3	U399/U360+collar	5200	6900	0.357
39.688	79.967	19.395	22.098	15.265	2.3	1.3	66.3	53.0	U399/U365+collar	5200	6900	0.454
39.688	84.138	29.370	30.391	23.812	3.5	3.3	106.0	129.0	3382/3328	-	-	-
40.000	76.200	20.638	20.940	15.507	1.5	1.3	58.8	68.9	28158/28300	5300	7000	0.38
40.988	67.975	17.500	18.000	13.500	**	1.5	46.1	63.5	LM300849/LM300811	5400	7200	0.23
41.275	87.312	30.162	30.886	23.812	1.5	3.3	105	134	3585/3525	4600	6200	0.82
41.275	76.200	22.225	23.020	17.462	3.5	0.8	69.9	89.2	24780/24720	5200	6900	0.41
41.275	76.200	25.400	25.400	20.638	3.5	1.5	84.3	110.0	26882/26823	-	-	-
41.275	73.025	16.667	17.462	12.700	3.5	1.5	47.0	58.1	18590/18520	5200	6900	0.27
41.275	82.550	26.543	25.654	20.193	3.5	3.3	84.9	112	M802048/M802011	4900	6500	0.62



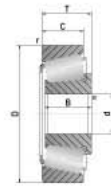
Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)	Weight(kg)		
d	D	T	B	C	R _{min}	R _{min}	Cr	Cor	Cone-Cup	Grease	Oil
41.275	88.900	30.162	29.370	23.020	3.5	3.3	105	144	HM803146/803110	4600	6100
41.275	73.431	19.558	19.812	14.732	3.5	0.8	58.4	74.2	LM501349/LM501310	5200	7000
41.275	73.431	21.430	19.812	16.604	3.5	0.8	58.4	74.2	LM501349/LM501314	5200	7000
42.875	82.931	23.812	25.400	19.050	3.5	0.8	83.8	111.0	25577/25520	4800	6300
42.875	83.058	23.812	25.400	19.050	3.5	3.3	83.8	111.0	25577/25521	4800	6300
42.875	82.931	26.988	25.400	22.225	3.6	2.4	77.3	100.0	25577/25523	4800	6300
44.450	79.375	17.462	17.462	13.495	2.8	1.5	48.2	61.3	18685/18620	-	-
44.450	82.931	23.812	25.400	19.050	3.5	0.8	83.8	111	25580/25520	-	-
44.450	82.931	23.813	25.400	19.050	3.6	0.8	77.3	100.0	K25580/25520	4800	6300
44.450	82.931	26.988	25.400	22.225	3.5	2.3	-	-	25580/25523	-	0.59
44.450	83.058	23.813	25.400	19.050	3.5	3.3	-	-	25580/25521	-	-
44.450	83.058	23.876	25.400	19.114	3.5	2.0	83.8	111.0	25580/25522	4800	6300
44.450	82.931	23.812	25.400	19.050	0.5	0.8	83.8	111.0	25581/25520	4800	6300
44.450	82.931	23.812	25.400	19.050	5.0	0.8	83.8	111.0	25582/25520	4800	6300
44.450	88.900	30.162	29.370	23.020	3.5	3.3	105	144	HM803149/803110	4600	6100
44.450	90.000	26.988	29.900	25.400	3.5	3.3	-	-	438/429XS	-	0.84
44.450	93.264	30.162	30.302	23.812	3.5	3.3	113	153	3782/3720	4200	5500
44.450	95.250	30.958	28.575	22.225	3.5	0.8	-	-	LM903249/LM903210	-	1.01
44.450	104.775	36.512	36.512	28.575	3.5	3.3	159	223	HM807040/HM807010	3800	5100
44.450	95.250	30.958	28.575	22.225	3.5	0.8	107	132	HM903249/HM903210	3700	5100
44.450	95.250	30.958	28.300	22.225	3.5	0.8	107	132	HM903249A/HM903210	3700	5100
44.450	111.125	30.162	26.909	20.638	3.5	3.3	118	161	55175C/55437	3100	4300
44.450	111.125	30.162	26.909	20.638	3.6	3.2	111	150	K55175/55437	3100	4300
44.983	93.264	30.162	30.302	23.812	3.5	3.3	113	153	3776/3720	4200	5500
44.987	79.975	24.000	26.000	18.000	2.3	1.3	-	-	U497/U460L	-	0.511
44.988	95.250	30.958	28.575	22.225	3.5	0.8	107	132	HM903248/HM903210	-	0.99
45.000	80.000	23.740	26.000	22.000	2.3	1.3	61.2	79.0	U497/U460L+collar	4500	6100
45.230	79.985	19.842	20.638	15.080	2.0	1.2	55.1	70.8	17887/17831	4800	6400
45.242	77.788	19.842	19.842	15.080	3.5	0.8	59.6	77.9	LM603049/LM603011	4900	6500
45.242	77.788	21.430	19.842	16.667	3.5	0.8	59.6	77.9	LM603049/LM603012	4900	6500
45.242	80.000	19.842	19.842	15.080	3.5	0.8	59.6	77.9	LM603049/LM603014	4900	6500
45.242	73.431	19.558	19.812	15.748	3.5	0.8	56.9	81.8	LM102949/LM102910	5100	6700
45.618	82.931	23.812	25.400	19.050	3.5	0.8	83.8	111.0	25590/25520	4800	6300
45.618	83.058	23.812	25.400	19.050	3.5	3.3	83.8	111.0	25590/25521	4800	6300
45.618	82.931	26.988	25.400	22.225	3.5	2.3	83.8	111	25590/25523	4800	6300
45.987	74.976	18.000	18.000	14.000	2.3	1.5	52.6	75.4	LM503349/LM503310	5000	6600
45.987	74.976	18.000	18.000	14.000	**	1.5	-	-	LM503349A/LM503310	-	-
46.038	79.375	17.462	17.462	13.495	2.8	1.5	48.2	61.3	18690/18620	4800	6400
46.038	85.000	17.462	17.462	13.495	2.3	1.5	-	-	18780/18720	-	-
47.625	88.900	25.400	25.400	19.050	0.8	3.3	913	116	M804048/M804010	-	0.66
47.625	96.838	21.000	21.946	15.875	0.8	0.8	84.2	108	386A/382A	-	-
47.625	96.838	25.400	21.946	20.274	0.8	2.3	-	-	386A/382S	-	-
47.625	101.600	34.925	36.068	26.988	3.5	3.3	152	192	528/522	4000	5300
50.000	105.000	37.000	36.000	29.000	3.0	2.5	159	223	JHM807045/JHM807012	3800	5100
50.000	90.000	28.000	28.000	23.000	3.0	2.5	115.0	154.0	JM205149/JM205110	4300	5800
50.000	82.000	21.500	21.500	17.000	3.0	0.5	75.2	104	JLM104948/JLM104910	4500	6000
50.800	104.775	36.512	36.512	28.575	3.5	3.3	159	223	HM807046/HM807010	3800	5100
50.800	82.000	21.976	22.225	17.000	3.5	0.5	61.2	84.3	LM104949/LM104910	4500	6000



Tapered Roller Bearing (Inch Series)

Dimensions(mm)			Basic load rating(kN)			Bearing Designation			Limiting Speed(rpm)			Weight(kg)		
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil			
50.800	82.550	21.590	22.225	16.510	3.5	1.3	75.2	104	LM104949/LM104911	4500	6000	0.42		
50.800	82.931	21.590	22.225	16.510	3.5	1.3	75.2	104	LM104949/LM104912	-	-	-		
50.800	85.000	17.462	17.462	13.495	3.5	1.5	50.6	67.5	18790/18720	4400	5900	0.36		
50.800	93.264	30.162	30.302	23.812	6.4	3.3	113	153	3784/3720	-	-	0.82		
50.800	93.264	30.162	30.302	23.812	3.5	3.3	113	153	3780/3720	4200	5500	0.84		
50.800	93.264	30.162	30.302	23.812	3.5	0.8	113	153	3780/3730	4200	5500	0.85		
50.800	93.264	30.162	30.302	23.812	0.8	3.3	113	153	3775/3720	4200	5500	0.85		
50.800	88.900	20.638	22.225	16.513	1.5	1.3	79.5	95.8	368/362A	4400	5800	0.50		
50.800	90.000	20.000	22.225	15.875	3.5	2.0	79.5	95.8	368A/362	4400	5800	0.51		
50.800	88.900	20.638	22.225	16.513	3.5	1.3	79.5	95.8	368A/362A	4400	5800	0.51		
50.800	90.000	20.000	22.225	15.875	3.6	2.0	74.3	87.3	368A/362X	4400	5800	0.51		
50.800	92.075	24.608	25.400	19.845	3.5	0.8	91.6	130	28580/28521	4200	5600	0.69		
50.800	97.630	24.608	24.608	19.446	3.5	0.8	96.3	142	28678/28622	3900	5200	0.83		
50.800	97.630	24.608	24.608	19.446	3.5	0.8	96.3	142	28678/28622B	3900	5200	0.83		
50.800	104.775	36.512	36.512	28.575	3.5	3.3	158	202	59200/59412	3900	5100	1.39		
50.800	127.000	44.450	44.450	34.925	3.5	3.3	225	297	65200/65500	3000	4000	2.87		
50.800	107.775	27.783	29.317	22.225	0.8	0.8	109	144	455/453A	3100	4300	1.234		
50.800	104.775	30.162	30.958	23.812	6.4	3.3	142	189	K45284/K45220	-	-	1.19		
50.800	104.775	30.162	30.958	23.812	2.3	3.3	142	189	45285/45220	-	-	1.21		
51.592	88.900	20.638	22.225	16.513	2.0	1.3	79.5	95.8	3685/362A	4400	5800	0.49		
52.388	93.264	30.162	30.302	23.812	2.3	3.3	113	153	3767/3720	4600	6200	0.81		
52.388	92.075	24.608	25.400	19.845	3.5	0.8	91.6	130	28584/28521	4200	5600	0.66		
53.975	96.838	21.000	21.946	15.875	1.5	0.8	-	-	389AS/382A	-	-	-		
53.975	96.838	25.400	21.946	20.274	1.5	2.3	-	-	389AS/382S	-	-	-		
53.975	104.775	30.162	30.958	23.812	0.8	3.3	142	189	45287/45220	-	-	1.15		
53.975	107.950	36.512	36.957	28.575	3.5	3.3	159	206	539/532X	3600	4800	1.44		
53.975	111.125	38.100	36.957	33.338	3.5	3.3	141	177	539/532	3600	4800	1.66		
53.975	123.825	36.512	32.791	25.400	3.5	3.3	167	208	72212C/72487	2800	4000	2.12		
53.975	140.030	36.512	33.236	23.520	3.5	2.3	185	234	78215C/78551	-	-	2.74		
55.000	95.000	29.000	29.000	23.500	1.5	2.5	121.0	168.0	JM207049/JM207010	4000	5300	0.84		
55.000	90.000	23.000	23.000	18.500	1.5	0.5	85	123	JLM506849/JLM506810	4200	5500	0.55		
55.562	97.630	24.608	24.608	19.446	3.5	0.8	96.3	142	28680/28622	3900	5200	0.75		
57.150	98.425	21.000	21.946	17.826	2.4	0.8	80.4	101.0	387/382	3900	5200	0.61		
57.150	96.838	21.000	21.946	15.875	2.3	0.8	84.2	108.0	387/382A	3900	5200	0.58		
57.150	96.838	25.400	21.946	20.274	2.4	2.4	80.4	101.0	387/382S	3900	5200	0.64		
57.150	98.425	21.000	21.946	17.826	3.5	0.8	84.2	108.0	387A/382	3900	5200	0.62		
57.150	96.838	21.000	21.946	15.875	3.5	0.8	84.2	108.0	387A/382A	3900	5200	0.57		
57.150	96.838	25.400	21.946	20.274	3.5	2.3	84.2	108.0	387A/382S	3900	5200	0.64		
57.150	100.000	21.000	21.946	17.826	3.5	2.0	84.2	108.0	387A/383A	3900	5200	0.65		
57.150	97.630	24.608	24.608	19.446	3.5	0.8	96.3	142.0	28682/28622	3900	5200	0.73		
57.150	96.838	21.000	21.946	15.875	5.0	0.8	84.2	108.0	387AS/382A	3900	5200	0.56		
57.150	96.838	25.400	21.946	20.274	5.0	2.4	80.4	101.0	387AS/382S	3900	5200	0.64		
57.150	96.838	25.400	21.946	20.274	0.8	2.3	80.4	101.0	387S/382S	3900	5200	0.64		
57.150	100.000	21.001	21.946	17.826	0.8	2.0	-	-	387S/383A	-	-	-		
57.150	110.000	22.000	21.996	18.824	2.3	1.3	91.6	126	390/394A	3400	4500	0.93		
57.150	104.775	30.162	29.317	24.605	2.3	3.3	126	166	462/453X	3700	4900	1.04		
57.150	123.825	38.100	36.678	30.162	3.5	3.3	177	248	555S/552A	3200	4200	2.14		
59.987	134.983	33.449	30.925	21.948	3.6	3.6	153	181	HM911244/HM911216	2600	3700	2.176		
60.000	95.000	24.000	24.000	19.000	5.0	2.5	90.4	135	JLM508748/JLM508710	3900	5200	0.63		



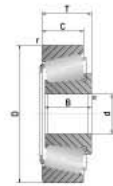
Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)				Bearing Designation		Limiting Speed(rpm)		Weight(kg)
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
60.325	112.712	30.162	30.048	23.812	3.5	3.3	129	191	3980/3920	3400	4500	1.29
60.325	123.825	38.100	36.678	33.338	2.3	3.3	-	-	558/552	-	-	2.12
60.325	100.000	25.400	25.400	19.845	3.5	3.3	98.2	149.0	28985/28921	-	-	-
60.325	101.600	25.400	25.400	19.845	3.5	3.3	98.2	149.0	28985/28920	3700	4900	0.79
63.500	110.000	22.000	21.996	18.824	1.5	3.3	91.6	126	390A/394AS	3400	4500	0.82
63.500	94.458	19.050	19.050	15.083	1.5	1.5	62	108	L610549/L610510	-	-	0.45
63.500	112.712	30.162	30.048	23.812	3.5	3.3	129	191	3982/3920	3400	4500	1.22
63.500	122.238	38.100	38.354	29.718	7.0	3.3	209	279	HM212047/HM212011	3200	4300	1.91
63.500	123.825	38.100	36.678	30.163	2.5	2.3	158	216	559/552A	3000	4100	1.93
63.500	107.950	25.400	25.400	19.050	3.5	3.3	102	158	29585/29520	3400	4500	0.91
63.500	110.000	25.400	25.400	19.050	3.5	1.3	102	158	29585/29521	3400	4500	0.98
65.000	110.000	28.000	28.000	22.500	3.0	2.5	131	195	JM511946/JM511910	3400	4600	1.05
65.000	105.000	24.000	23.000	18.500	3.0	1.0	100	139	JLM710949/JLM710910	3500	4700	0.72
66.675	122.238	38.100	38.354	29.718	3.5	3.3	209	279	HM212049/HM212011	3200	4300	1.84
66.675	110.000	22.000	21.996	18.824	0.8	1.3	91.6	126	395A/394A	3400	4500	1.06
66.675	110.000	22.000	21.996	18.824	3.5	1.3	91.6	126	395S/394A	3400	4500	0.78
66.675	107.950	25.400	25.400	19.050	3.5	3.3	102	158	29590/29520	3400	4500	0.84
66.675	107.950	25.400	25.400	19.050	3.6	0.8	92.8	143	29590/29522	3400	4500	0.864
66.675	112.712	30.162	30.162	23.812	3.5	3.3	155	224	39590/39520	3300	4500	1.13
66.675	112.712	30.162	30.048	23.812	3.5	3.3	129	191	3984/3920	3400	4500	0.78
66.675	112.712	30.162	30.048	23.812	5.5	3.3	129	191	3994/3920	3400	4500	1.15
68.262	110.000	22.000	21.996	18.824	2.3	1.3	91.6	126	399A/394A	3400	4500	0.74
68.262	110.000	22.000	21.996	18.824	5.0	1.3	91.6	126	399AS/394A	3400	4500	0.72
68.262	123.825	38.100	36.678	30.162	3.5	3.3	-	-	560S/552A	-	-	1.84
69.850	120.000	29.795	29.007	24.237	3.5	2	123	188	482/472	2800	3800	1.32
69.850	117.475	30.162	30.162	23.812	3.5	3.3	128	197	33275/33462	3200	4200	1.25
69.850	120.000	29.794	30.163	23.444	3.6	0.8	118	179	33275/33472	3200	4200	1.25
69.850	146.050	41.275	39.688	25.400	3.5	3.3	213	256	H913849/H913810	-	-	2.85
69.850	120.000	32.545	32.545	26.195	3.5	3.3	166	249	47487/47420	3100	4200	1.46
69.850	120.000	32.545	32.545	26.195	3.5	3.3	166	249	47487/47420X	-	-	1.46
70.000	115.000	29.000	29.000	23.000	3.0	2.5	139	198	JM612949/JM612910	3200	4300	1.13
70.000	110.000	26.000	25.000	20.500	1.0	2.5	106	168	JLM813049/JLM813010	3300	4400	0.88
70.000	120.000	29.794	29.007	24.237	2.0	2.0	133	186	484/472	3200	4200	1.30
71.438	117.475	30.162	30.162	23.812	3.5	3.3	128	197	33281/33462	3200	4200	1.18
73.025	127.000	36.512	36.170	28.575	3.5	3.3	182	263	567/563	2900	3800	1.79
73.025	112.712	25.400	25.400	19.050	3.5	3.3	102	166	29685/29620	3200	4300	0.88
73.025	117.475	30.162	30.162	23.812	3.5	3.3	128	197	33287/33462	3200	4200	1.17
73.025	120.000	29.794	30.162	23.444	3.5	0.8	128	197	33287/33472	-	-	1.26
76.200	139.992	36.512	36.098	28.575	3.5	3.3	191	292	575/572	2700	3600	2.37
76.200	139.992	36.512	36.098	28.575	3.5	3.3	191	292	K575/572	2700	3600	2.37
76.200	136.525	30.162	29.769	22.225	3.6	3.2	133	198	K495A/493	2700	3600	1.80
76.200	161.925	47.625	48.260	38.100	3.5	3.3	303	441	755/752	2400	3200	4.68
76.200	161.925	49.212	40.038	31.750	3.5	3.3	257	330	9285/9220	-	-	4.24
76.200	117.800	52.387	50.800	34.925	3.5	3.3	-	-	9378/9320	2000	2800	6.05
76.200	127.000	30.162	31.000	22.225	3.5	3.3	149	222	42687/42620	2400	3200	1.45
76.200	190.500	57.150	57.531	46.038	3.5	3.3	494	692	HH221430/HH221410	2000	2700	8.86
80.000	130.000	35.000	34.000	28.500	3.0	2.5	184	283	JM515649/JM515610	2800	3800	1.70
80.962	150.089	44.450	46.672	36.512	5.0	3.3	294	417	740/742	-	-	3.39
82.550	136.525	30.162	29.769	22.225	3.5	3.3	143	216	495/493	2400	3400	1.60



Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)			Bearing Designation		Limiting Speed(rpm)		Weight(kg)
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil
82.550	139.992	36.512	36.098	28.575	3.5	3.3	191	292	580/572	2700	3600
82.550	139.992	36.512	36.098	28.575	6.8	3.3	191	292	582/572	2700	3600
82.550	152.400	41.275	41.275	31.750	3.5	3.3	229	335	663/652	2600	3400
82.550	146.050	41.275	41.275	31.750	3.5	3.3	229	335	663/653	2600	3400
82.550	168.275	53.975	56.363	41.275	3.5	3.3	379	522	842/832	-	-
82.550	125.412	25.400	25.400	19.845	3.5	1.5	109	178	27687/27620	2900	3800
82.550	133.350	33.338	33.338	26.195	3.5	3.3	167	262	47686/47620	2700	3700
82.550	133.350	33.338	33.338	26.195	6.8	3.3	167	262	47687/47620	2700	3700
85.000	200.000	52.761	49.212	34.925	3.5	3.3	376	519	98335/98788	1400	1900
85.000	130.000	30.000	29.000	24.000	3.0	2.5	149	245	JM716649/JM716610	2800	3700
85.026	150.089	44.450	46.672	36.512	3.5	3.3	294	417	749/742	2400	3200
85.725	136.525	30.162	29.769	22.225	3.5	3.3	143	216	497/493	2700	3600
85.725	136.525	30.162	29.769	22.225	6.4	3.3	143	216	497A/493	2700	3600
85.725	152.400	39.688	36.322	30.162	3.5	3.3	200	319	596/592A	2400	3300
88.900	152.400	39.688	36.322	30.162	3.5	3.3	200	319	593/592A	2400	3300
88.900	161.925	47.625	48.260	38.100	3.5	3.3	303	441	759/752	2400	3200
88.900	161.925	53.975	55.100	42.862	3.5	3.3	343	503	6580/6535	2200	3000
88.900	161.925	53.975	55.100	42.862	3.5	3.3	343	503	K6580/K6535	-	-
88.900	200.000	52.761	49.212	34.925	3.5	3.3	376	519	98350/98788	1400	1900
88.900	152.400	39.688	39.688	30.162	6.4	3.2	248	359	K-HM518445/HM518410	2400	3200
88.900	152.400	39.688	39.688	30.162	6.4	3.3	-	-	HM518445/HM518410	-	-
89.974	146.975	40.000	40.000	32.500	7.0	3.5	254	388	HM218248/HM218210	2500	3300
90.000	145.000	35.000	34.000	27.000	6.0	2.5	206	313	JM718149A/JM718110	2500	3400
90.000	145.000	35.000	34.000	27.000	3.0	2.5	206	313	KJM718149/KJM718110	-	-
92.075	152.400	39.688	36.322	30.162	3.5	3.3	200	319	598/592A	2400	3300
92.075	152.400	39.688	36.322	30.162	6.4	3.3	200	319	598A/592A	2400	3300
95.250	150.000	35.992	36.322	27.000	3.5	3.0	200	319	594/593X	2400	3300
95.250	152.400	39.688	36.322	33.338	3.5	3.3	183	287	594/592	2400	3300
95.250	152.400	39.688	36.322	30.162	5.0	3.3	200	319	594A/592A	2400	3300
95.250	168.275	41.275	41.275	30.162	3.5	3.3	245	386	683/672	2200	3000
96.838	148.430	28.575	28.971	21.433	3.5	3.0	151.0	241.0	42381/42584	-	-
96.838	148.430	28.575	28.971	21.433	3.6	3.0	143	225	K42381/42584	2400	3200
96.838	188.912	50.800	46.038	31.750	3.5	3.3	299	392	90381/90744	-	-
98.425	212.725	66.675	66.675	53.975	3.5	3.3	-	-	943/932	-	-
98.425	190.500	57.150	57.531	46.038	3.5	3.3	494	692	HH221442/HH221410	2000	2700
99.975	156.975	42.000	42.000	34.000	8.0	3.5	278	428	HM220149/HM220110	2300	3100
100.000	145.000	24.000	22.500	17.500	3.0	3.0	116	172	JP10049/JP10010	-	-
100.000	155.000	36.000	35.000	28.000	3.0	2.5	-	-	JM720249/JM720210	-	-
100.000	160.000	41.000	40.000	32.000	3.0	2.5	259	416	JHM720249/JHM720210	-	-
101.600	168.275	41.275	41.275	30.162	3.5	3.3	245	386	687/672	2000	2800
101.600	180.975	47.625	48.006	38.100	3.5	3.3	320	495	780/772	2100	2800
101.600	250.825	76.200	73.025	50.800	6.4	6.4	647	827	HH923649/HH923610	-	-
101.600	250.825	76.200	73.025	50.800	6.4	3.3	647	827	HH923649/HH923611	-	-
101.600	214.312	55.562	52.388	39.688	3.5	3.3	-	-	H924033/H924010	-	-
101.600	190.500	57.150	57.531	44.450	8.0	3.3	424	630	861/854	1900	2600
101.600	212.725	66.675	66.675	53.975	7.0	3.3	530	786	941/932	1800	2400
101.600	157.162	36.512	36.116	26.195	3.5	3.3	207	343	52400/52618	2300	3000
101.600	190.500	57.150	57.531	46.038	8.0	3.3	494	692	HH221449/HH221410	2000	2700



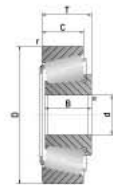
Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)	Weight(kg)		
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil
101.600	200.000	52.761	49.212	34.925	3.5	3.3	376	519	98400/98788	1400	1900
101.600	161.925	39.688	36.116	29.370	3.5	3.3	207	343	52400/52638	-	-
104.775	180.975	47.625	48.006	38.100	3.5	3.3	320	495	782/772	2100	2800
104.775	180.975	47.625	48.006	38.100	3.5	3.3	320	495	K782/K772	2100	2800
104.775	180.975	47.625	48.006	38.100	6.4	3.3	320	495	786/772	2100	2800
104.775	180.975	47.625	48.006	38.100	7.0	3.3	320	495	787/772	2100	2800
104.775	190.500	47.625	49.212	34.925	3.5	3.3	337	543	71412/71750	1900	2600
106.362	165.100	36.512	36.512	26.988	3.5	3.3	210	355	56418/56650	2000	2600
107.950	146.050	21.433	21.433	16.670	1.5	1.5	88.9	186	L521949/L521910	-	-
107.950	212.725	66.675	66.675	53.975	8.0	3.3	530	786	936/932	1800	2400
107.950	161.925	34.925	34.925	26.988	3.5	3.3	178	308	48190/48120	2000	2800
107.950	165.100	36.512	36.512	26.988	3.5	3.3	210	355	56425/56650	2000	2600
107.950	168.275	36.512	36.512	26.988	3.5	3.3	210	355	56425/56662	-	-
107.950	212.725	66.675	66.675	53.975	8.0	3.3	630	906	HH224340/HH224310	1700	2200
107.950	190.500	47.625	49.212	34.925	3.5	3.3	337	543	71425/71750	1800	2400
107.950	165.100	36.512	36.512	26.988	8.0	3.3	210	355	56426/56650	-	-
109.974	177.800	41.275	41.275	30.162	3.5	3.3	254	419	64432/64700	-	-
109.987	159.987	34.925	34.925	26.987	8.0	3.3	181	357	LM522548/LM522510	-	-
109.987	159.987	34.925	34.925	26.987	3.5	3.3	181	357	LM522549/LM522510	-	-
109.992	177.800	41.275	41.275	30.162	3.5	3.3	254	419	64433/64700	1800	2600
110.000	180.000	47.000	46.000	38.000	3.0	2.5	344	554	JHM522649/JHM522610	-	-
110.000	165.000	35.000	35.000	26.500	3.0	2.5	210	357	JM822049/JM822101	-	-
111.125	214.312	55.562	52.388	39.688	3.5	3.3	435	610	H924045/H924010	-	-
114.300	212.725	66.675	66.675	53.975	7.0	3.3	530	786	938/932	1800	2400
114.300	177.800	41.275	41.275	30.162	3.5	3.3	254	419	64450/64700	1800	2600
114.300	180.000	41.275	41.275	30.162	3.5	3.3	254	419	64450/64708	-	-
114.300	180.975	34.925	31.750	25.400	3.5	3.3	181	271	68450/68712	2000	2700
114.300	228.600	53.975	49.428	38.100	3.5	3.3	-	-	HM926740/HM926710	-	-
114.300	273.050	82.550	82.550	53.975	6.4	6.4	832	1080	HH926744/HH926710	-	-
114.300	279.400	82.550	82.550	53.975	6.4	6.4	832	1080	HH926744/HH926716	-	-
114.300	190.500	47.625	49.212	34.925	3.5	3.3	337	543	71450/71750	1900	2600
114.300	254.000	77.787	74.612	49.212	3.3	6.4	-	-	EE197045/197100	-	-
114.300	212.725	66.675	66.675	53.975	7.0	3.3	630	906	HH224346/HH224310	1800	2400
114.300	158.750	34.925	34.925	30.162	3.3	3.3	-	-	LM122948/LM122911	-	-
115.087	190.500	47.625	49.212	34.925	3.5	3.3	337	543	71453/71750	1800	2400
117.475	179.974	34.925	31.750	25.400	3.5	0.8	181	271	68462/68709	-	-
117.475	180.975	34.925	31.750	25.400	3.5	3.3	181	271	68462/68712	2000	2700
117.475	180.975	34.925	31.750	25.400	8.0	3.3	181	271	68463/68712	2000	2700
120.000	174.625	35.720	36.512	27.783	3.5	1.5	212	385	M224748/M224710	1900	2600
120.000	170.000	27.000	25.000	19.500	3.0	3.0	153	238	JP12049/JP12010	-	-
120.000	230.000	53.975	49.428	38.100	3.5	3.3	-	-	97472X/97905X	-	-
120.650	206.375	47.625	47.625	34.925	3.3	3.3	350	593	795/792	1700	2300
120.650	166.688	25.400	25.400	19.050	3.3	3.3	-	-	L724349/L724310	-	-
120.650	182.562	39.689	38.100	33.338	3.5	3.3	-	-	48282/48220	-	-
120.650	273.050	82.550	82.550	53.975	6.4	6.4	832	1080	HH926749/HH926710	-	-
120.650	190.500	46.038	46.038	34.925	3.5	1.5	335	543	HM624749/HM624710	-	-
120.650	174.625	35.720	36.512	27.783	3.5	1.5	226	422	M224749/M224710	-	-
120.650	172.242	35.720	36.512	27.783	3.5	1.5	226	422	M224749/M224710	-	-
120.650	254.000	77.788	82.550	61.912	9.7	6.4	843	1240	HH228340/HH228310	1500	2000



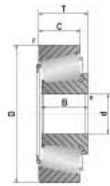
Tapered Roller Bearing (Inch Series)

Dimensions(mm)										Basic load rating(kN) Bearing Designation Limiting Speed(rpm) Weight(kg)									
d	D	T	B	C	R _{min}	R _{min}	Cr	Cor	Cone-Cup	Grease	Oil								
120.650	259.974	77.788	82.550	61.912	9.7	4.0	-	-	HH228340/HH228318	-	-	-	-	-	-	-	-	-	-
120.650	234.950	63.500	63.500	49.212	6.4	3.3	582	931	95475/95925	1600	2100	12.30	-	-	-	-	-	-	-
125.298	228.600	53.975	49.428	38.100	3.5	3.3	-	-	HM926745/HM926710	-	-	8.87	-	-	-	-	-	-	-
127.000	182.562	39.688	38.100	33.338	3.5	3.3	248	493	48290/48220	1700	2300	3.29	-	-	-	-	-	-	-
127.000	182.562	39.688	38.100	33.338	3.5	3.3	248	493	K48290/K48220	-	-	3.29	-	-	-	-	-	-	-
127.000	196.850	46.038	38.100	35.3	3.3	3.3	340	625	67388/67322	1700	2300	5.07	-	-	-	-	-	-	-
127.000	215.900	47.625	47.625	34.925	3.5	3.3	354	614	74500/74850	1600	2200	6.98	-	-	-	-	-	-	-
127.000	295.275	82.553	87.312	57.150	13.5	6.4	-	-	EE540502/541162	-	-	27.08	-	-	-	-	-	-	-
127.000	254.000	77.788	82.550	61.912	9.7	6.4	843	1240	HH228349/HH228310	1500	2000	18.60	-	-	-	-	-	-	-
127.000	295.275	82.550	67.335	50.800	4.8	4.8	-	-	EE195500X/195116X	-	-	26.85	-	-	-	-	-	-	-
127.000	230.000	63.500	63.500	49.212	6.4	3.3	582	931	95500/95905	-	-	11.00	-	-	-	-	-	-	-
127.000	165.895	18.258	17.462	13.495	1.5	1.5	83.5	153	LL225749/LL225710	1900	2600	0.92	-	-	-	-	-	-	-
127.000	228.600	53.975	49.428	38.100	3.5	3.3	-	-	HM926747/HM926710	-	-	8.74	-	-	-	-	-	-	-
127.000	304.800	88.900	82.550	57.150	6.4	6.4	904	1250	HH932132/HH932110	-	-	30.00	-	-	-	-	-	-	-
127.000	169.862	25.400	26.195	20.638	1.5	1.5	132	285	L225849/L225810	-	-	1.60	-	-	-	-	-	-	-
125.298	228.600	-	49.428	38.100	3.5	3.3	-	-	97493/97900	-	-	8.61	-	-	-	-	-	-	-
127.000	228.600	53.975	49.428	38.100	3.5	3.3	348	486	97500/97900	-	-	8.48	-	-	-	-	-	-	-
127.000	234.950	63.500	63.500	49.212	6.4	3.3	582	931	95500/95925	-	-	11.60	-	-	-	-	-	-	-
127.000	295.275	82.550	87.312	57.150	13.5	6.4	977	1340	HH231637/HH231615	-	-	27.80	-	-	-	-	-	-	-
127.000	247.650	63.500	63.500	47.625	3.3	4.8	-	-	EE116050/116097	-	-	13.07	-	-	-	-	-	-	-
128.588	206.375	47.625	47.625	34.925	3.3	3.3	350	593	7997/792	1600	2200	5.76	-	-	-	-	-	-	-
130.000	206.375	47.625	47.625	34.925	3.5	3.3	350	593	797/792	1600	2200	5.65	-	-	-	-	-	-	-
130.175	196.850	46.038	46.038	38.100	3.5	3.3	340	625	67389/67322	-	-	4.95	-	-	-	-	-	-	-
133.350	234.950	63.500	63.500	49.212	9.7	3.3	582	931	95525/95925	-	-	10.90	-	-	-	-	-	-	-
133.350	234.950	63.500	63.500	49.212	4.8	3.3	582	931	95528/95925	-	-	11.00	-	-	-	-	-	-	-
133.350	190.500	39.688	39.688	33.338	3.5	3.3	262	542	48385/48320	1700	2200	3.55	-	-	-	-	-	-	-
133.350	203.200	46.038	46.038	38.100	3.5	3.3	-	-	67390/67320	-	-	5.22	-	-	-	-	-	-	-
133.350	196.850	46.038	46.038	38.100	3.5	3.3	340	625	67390/67322	1700	2300	4.60	-	-	-	-	-	-	-
133.350	215.900	47.625	47.625	34.925	3.5	3.3	354	614	74525/74850	1600	2200	6.49	-	-	-	-	-	-	-
133.350	196.850	46.038	46.038	38.100	8.0	3.3	340	625	67391/67322	-	-	4.63	-	-	-	-	-	-	-
136.525	228.600	57.150	57.150	44.450	3.5	3.3	482	809	896/892	-	-	8.97	-	-	-	-	-	-	-
136.525	215.900	47.625	47.625	34.925	3.5	3.3	354	614	74537/74850	-	-	6.24	-	-	-	-	-	-	-
136.525	190.500	39.688	39.688	33.338	3.5	3.3	262	542	48393/48320	1700	2200	3.34	-	-	-	-	-	-	-
136.525	194.975	33.000	33.000	27.500	3.5	3.5	-	-	LM229140C/LM229110	-	-	-	-	-	-	-	-	-	-
139.700	228.600	57.150	57.150	44.450	3.5	3.3	482	809	898/892	1600	2100	8.66	-	-	-	-	-	-	-
139.700	228.600	57.150	57.150	44.450	6.4	3.3	482	809	898A/892	-	-	8.62	-	-	-	-	-	-	-
139.700	236.538	57.150	56.642	44.450	3.5	2.3	-	-	HM231132/HM231110	-	-	-	-	-	-	-	-	-	-
139.700	214.975	47.625	47.625	34.925	3.5	3.3	354	614	74550/74845	-	-	5.90	-	-	-	-	-	-	-
139.700	215.900	47.625	47.625	34.925	3.5	3.3	354	614	74550/74850	1500	2000	5.99	-	-	-	-	-	-	-
139.700	288.925	82.550	87.312	57.150	9.7	6.4	977	1340	HH231649/HH231610	-	-	26.20	-	-	-	-	-	-	-
139.700	180.975	21.433	20.638	16.670	1.5	1.5	105	211	LL428349/LL428310	-	-	1.30	-	-	-	-	-	-	-
139.700	307.975	88.900	93.662	66.675	9.7	6.8	1130	1580	HH234031/HH234010	-	-	31.20	-	-	-	-	-	-	-
139.700	295.275	82.550	87.312	57.150	9.7	6.4	977	1340	HH231649/HH231615	-	-	26.10	-	-	-	-	-	-	-
139.700	254.000	66.675	66.675	47.625	7.0	3.3	611	1030	99550/99100	1400	1900	13.90	-	-	-	-	-	-	-
140.000	195.000	29.000	27.000	21.000	3.0	3.0	188	304	JP14049/JP14010	-	-	2.50	-	-	-	-	-	-	-
142.875	236.538	57.150	56.642	44.450	8.0	3.3	-	-	82562A/82931	-	-	9.47	-	-	-	-	-	-	-
142.875	194.975	33.000	33.000	27.500	3.5	3.5	-	-	LM229147C/LM229110	-	-	-	-	-	-	-	-	-	-
142.875	241.300	57.150	56.642	44.450	8.0	3.3	-	-	82562A/82950	-	-	10.09	-	-	-	-	-	-	-



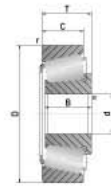
Tapered Roller Bearing (Inch Series)

Dimensions(mm)					Basic load rating(kN)				Bearing Designation		Limiting Speed(rpm)		Weight(kg)		
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil				
146.050	268.288	74.612	74.612	57.150	6.4	6.4	726	1170	EE107057/107105	-	-	-	-	-	18.80
146.050	193.675	28.575	28.575	23.020	1.5	1.5	182	407	36690/36620	1600	2200	-	-	-	2.26
146.050	254.000	66.675	66.675	47.625	7.0	3.3	611	1030	99575/99100	1300	1800	-	-	-	13.20
146.050	203.200	45.100	40.000	38.100	3.5	3.5	-	-	M229349/M229310	-	-	-	-	-	-
146.050	188.120	22.225	20.638	16.670	1.5	1.5	105	214	LL529749/LL529710	-	-	-	-	-	1.39
146.050	236.538	57.150	56.642	44.450	3.5	3.3	477	810	82576/82931	-	-	-	-	-	9.24
146.050	241.300	57.150	56.642	44.450	3.5	3.3	477	810	82576/82950	-	-	-	-	-	9.86
146.050	304.800	88.900	82.550	57.150	6.4	6.4	904	1250	HH932145/HH932110	-	-	-	-	-	27.80
146.050	311.150	88.900	82.550	57.150	6.4	6.4	904	1250	HH932145/HH932115	-	-	-	-	-	29.20
146.050	304.800	88.900	82.550	57.150	6.4	6.4	904	1250	HH932145/HH932110	-	-	-	-	-	27.80
147.875	200.025	41.275	39.688	34.130	8.0	3.3	265	560	48684/48620	1600	2200	-	-	-	3.74
147.875	200.025	41.275	39.688	34.130	3.5	3.3	265	560	48685/48620	1700	2200	-	-	-	3.83
149.225	240.000	57.150	56.642	44.450	3.5	3.3	-	-	82587/82945	-	-	-	-	-	9.38
149.225	236.538	57.150	56.642	44.450	6.4	3.3	553	932	HM231148/HM231110	1500	2000	-	-	-	9.15
149.225	241.300	57.150	56.642	44.450	3.5	3.3	-	-	HM231149/HM231115	-	-	-	-	-	-
149.225	236.538	57.150	56.642	44.450	3.5	3.3	553	932	HM231149/HM231110	-	-	-	-	-	9.21
152.387	269.875	77.000	77.788	64.000	1.5	3.3	-	-	H432649/H432610	-	-	-	-	-	18.22
152.400	268.288	74.612	74.612	57.150	6.4	6.4	726	1170	EE107060/107105	-	-	-	-	-	17.90
152.400	254.000	66.675	66.675	47.625	7.0	3.3	611	1030	99600/99100	1300	1800	-	-	-	12.60
152.400	222.250	46.830	46.830	34.925	8.0	1.5	349	668	M231648/M231610	-	-	-	-	-	5.70
152.400	222.250	46.830	46.830	34.925	3.5	1.5	349	668	M231649/M231610	-	-	-	-	-	5.79
152.400	307.975	88.900	93.662	66.675	9.7	6.8	1130	1580	HH234048/HH234010	-	-	-	-	-	29.10
152.400	203.200	41.275	41.275	34.925	3.3	3.3	262	556	LM330448/LM330410	-	-	-	-	-	3.48
152.400	307.975	88.900	93.662	66.675	9.7	6.8	-	-	HH234049/HH234010	-	-	-	-	-	-
152.400	307.975	88.900	93.662	61.912	9.7	6.8	975	1480	EE450601/451212	-	-	-	-	-	28.60
155.575	330.200	85.725	79.375	53.975	6.4	6.4	960	1400	H936340/H936310	-	-	-	-	-	31.60
155.575	342.900	85.725	79.375	53.975	6.4	6.4	960	1400	H936340/H936316	-	-	-	-	-	34.40
158.750	225.425	41.275	39.688	33.338	3.5	3.3	281	644	46780/46720	1400	1900	-	-	-	5.14
158.750	304.800	66.675	69.106	42.862	6.4	3.3	591	878	EE280626/281200	-	-	-	-	-	20.30
160.000	240.000	46.000	44.500	37.000	3.0	2.5	393	759	JM734445/JM734410	-	-	-	-	-	7.17
160.000	220.000	32.000	30.000	23.000	3.0	3.0	224	372	JP16049/JP16010	-	-	-	-	-	3.17
160.325	288.925	63.500	63.500	47.625	7.0	3.3	563	1240	HM237532/HM237510	-	-	-	-	-	17.80
165.100	225.425	41.275	39.687	33.338	3.5	3.3	281	644	46790/46720	-	-	-	-	-	4.63
165.100	247.650	47.625	47.625	38.100	3.5	3.3	375	779	67780/67720	1300	1800	-	-	-	7.88
165.100	247.650	16.670	47.625	38.100	3.5	3.3	-	-	67780/67720B	-	-	-	-	-	8.44
165.100	254.000	46.038	46.038	33.338	4.8	3.3	389	644	86650/86100	-	-	-	-	-	7.64
165.100	336.550	92.075	95.250	69.850	3.3	6.4	1290	1930	HH437549/HH437510	-	-	-	-	-	38.10
165.100	254.000	46.038	46.038	33.338	4.8	3.3	438	740	M235145/M235113	-	-	-	-	-	4.91
165.100	288.925	63.500	63.500	47.625	7.0	3.3	763	1240	HM237535/HM237510	-	-	-	-	-	17.20
165.100	288.925	63.500	63.500	47.625	7.0	3.3	611	1070	94649/94113	-	-	-	-	-	16.90
165.100	311.150	82.550	82.550	65.088	6.4	6.4	1040	1700	H238140/H238110	-	-	-	-	-	28.30
165.100	311.150	82.550	82.550	63.500	6.4	6.4	-	-	EE219065/219122	-	-	-	-	-	-
165.100	231.976	45.000	44.000	35.999	3.5	3.5	390	736	M533349S/M533310	-	-	-	-	-	5.53
165.100	198.450	82.550	82.550	63.500	6.4	6.4	-	-	EE219065/219117	-	-	-	-	-	-
166.687	225.425	41.275	39.688	33.338	3.5	3.3	281	644	46792/46720	-	-	-	-	-	4.51
168.275	247.650	47.625	47.625	38.100	3.5	3.3	375	779	67782/67720	1300	1800	-	-	-	7.57
168.275	330.200	85.725	79.372	53.975	6.4	6.4	960	1400	H936349/H936310	-	-	-	-	-	29.60
170.000	240.000	46.000	44.500	37.000	3.0	2.5	393	759	JM734449/JM734410	-	-	-	-	-	6.27



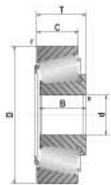
Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)				Bearing Designation		Limiting Speed(rpm)		Weight(kg)
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
170.000	230.000	39.000	38.000	31.000	3.0	2.5	310	590	JHM534149/JHM534110	-	-	4.31
170.000	254.000	46.038	46.038	33.338	4.8	3.3	389	644	86669/86100	-	-	7.09
171.450	222.250	25.400	24.608	19.050	1.5	1.5	154	311	L435049/L435010	-	-	2.31
171.450	260.350	66.675	66.675	52.388	3.5	3.3	605	1180	HM535349/HM535310	-	-	12.40
174.625	247.650	47.625	47.625	38.100	8.0	3.3	375	779	67786/67720	-	-	6.82
174.625	247.650	47.625	47.625	38.100	3.5	3.3	375	779	67787/67720	1300	1700	6.93
174.625	288.925	63.500	63.500	47.625	7.0	3.3	611	1070	94687/94113	-	-	15.70
174.625	260.350	53.975	53.975	41.275	3.5	3.3	497	933	M236845/M236810	-	-	9.42
174.625	298.450	82.550	82.550	63.500	6.4	6.4	909	1520	EE219068/219117	-	-	22.50
174.625	311.150	82.550	82.550	63.500	6.4	6.4	909	1520	EE219068/219122	-	-	25.50
174.625	288.925	63.500	63.500	47.625	7.0	3.3	763	1240	HM237542/HM237510	-	-	15.90
174.625	311.150	82.550	82.550	65.088	6.4	6.4	1040	1700	H238148/H238110	-	-	26.60
177.800	247.650	47.625	47.625	38.100	3.5	3.3	375	779	67790/67720	1300	1800	6.60
177.800	247.650	47.625	47.625	38.100	10.5	3.3	375	779	67791/67720	-	-	6.39
177.800	269.875	55.562	55.562	42.862	3.5	3.3	508	1000	M238840/M238810	-	-	11.00
177.800	288.925	63.500	63.500	47.625	7.0	3.3	763	1240	HM237545/HM237510	-	-	15.90
177.800	289.974	63.500	63.500	48.000	7.0	3.0	763	1240	HM237545/HM237513	-	-	15.90
177.800	260.350	53.975	53.975	41.275	8.0	3.3	497	933	M236848/M236810	-	-	8.93
177.800	260.350	53.975	53.975	41.275	3.5	3.3	497	933	M236849/M236810	1200	1700	9.04
177.800	319.964	88.900	85.725	65.088	3.5	4.8	1030	1600	H239640/H239610	-	-	28.30
177.800	279.400	61.912	61.912	43.655	3.3	3.3	524	979	82680X/82620	-	-	13.00
177.800	288.925	63.500	63.500	47.625	7.0	3.3	611	1070	94700/94113	-	-	15.20
177.800	336.550	90.487	92.075	63.500	9.7	6.4	-	-	EE470078X/470132	-	-	33.65
177.800	428.625	106.362	95.250	61.912	6.4	6.4	1280	1720	EE350701/351687	-	-	65.90
179.975	317.500	63.500	63.500	46.038	3.5	3.3	677	1330	93708/93125	-	-	21.30
180.000	250.000	47.000	45.000	37.000	3.0	2.5	401	786	JM736149/JM736110	-	-	6.66
184.150	266.700	47.625	46.833	38.100	3.5	3.3	386	842	67883/67820	1200	1600	8.52
184.150	235.229	34.000	33.000	28.000	2.0	2.0	263	550	LM236749/LM236710A	-	-	3.39
187.325	266.700	47.625	46.833	38.100	3.5	3.3	386	842	67884/67820	1200	1600	8.18
187.325	319.964	88.900	85.725	65.088	5.5	4.8	1030	1600	H239649/H239610	-	-	26.40
187.325	282.575	50.800	47.625	36.512	3.5	3.3	398	690	87737/87111	-	-	9.77
187.325	269.875	55.562	55.562	42.862	3.5	3.3	508	1000	M238849/M238810	-	-	9.63
190.000	260.000	46.000	44.000	36.500	3.0	2.5	399	806	JM738249/JM738210	-	-	6.84
190.000	260.000	46.000	44.000	36.500	8.0	2.5	-	-	JM738249A/JM738210	-	-	6.74
190.500	266.700	47.625	46.833	38.100	3.5	3.3	386	842	67885/67820	1100	1500	7.84
190.500	266.700	47.625	46.833	38.100	3.5	3.3	386	842	K67885/K67820	-	-	7.84
190.500	288.925	55.562	55.562	42.862	3.5	3.3	-	-	82788/82720	-	-	12.38
190.500	336.550	90.487	92.075	63.500	6.4	6.4	-	-	EE470075/470132	-	-	31.12
190.500	284.162	55.562	55.562	42.862	3.5	3.3	-	-	82788/82722	-	-	11.67
190.500	365.049	92.075	88.897	63.500	6.4	3.3	1080	1840	EE420751/421437	-	-	39.60
190.500	282.575	50.800	47.625	36.512	3.5	3.3	398	690	87750/87111	-	-	9.42
190.500	327.025	90.487	92.075	63.500	6.4	6.4	-	-	EE470075/470128	-	-	29.28
190.500	330.200	90.487	92.075	63.500	6.4	6.4	-	-	EE470075/470130	-	-	29.47
190.500	317.500	63.500	63.500	46.038	4.3	3.3	677	1330	93750/93125	-	-	19.80
190.500	336.550	98.425	95.250	73.025	6.4	6.4	1130	2090	HH840249/HH840210	-	-	36.60
193.675	282.575	50.800	47.625	36.512	3.5	3.3	398	690	87762/87111	-	-	9.06
195.500	428.625	106.362	95.250	61.912	6.4	6.4	1280	1720	EE350750/351687	-	-	63.10
196.850	254.000	28.575	27.783	21.433	1.5	1.5	195	408	L540049/L540010	-	-	3.36
196.850	241.300	23.812	23.017	17.462	1.5	1.5	160	354	LL639249/LL639210	-	-	2.00



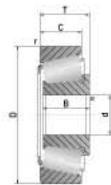
Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)				Bearing Designation		Limiting Speed(rpm)		Weight(kg)
d	D	T	B	C	R _{min}	F _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
196.850	257.175	39.688	39.688	30.162	3.5	3.3	295	722	LM739749/LM739710	-	-	5.28
196.850	266.700	39.688	39.688	30.162	3.5	3.3	295	722	LM739749/LM739719	-	-	6.20
200.000	254.000	28.575	27.783	21.433	1.5	1.5	-	-	L540048/L540010	-	-	3.17
200.000	300.000	65.000	62.000	51.000	3.5	2.5	682	1290	JHM840449/JHM840410	-	-	15.50
200.025	317.500	63.500	63.500	46.038	4.3	3.3	677	1330	93787/93125	-	-	18.30
200.025	384.175	112.712	112.712	90.488	6.4	6.4	1640	3130	H247535/H247510	-	-	60.30
200.025	292.100	57.945	57.945	46.038	3.5	3.3	588	1180	M241543/M241510	-	-	12.40
200.025	393.700	111.125	111.125	84.138	6.4	6.4	1650	2610	HH144642/HH144614	-	-	60.60
203.000	276.225	42.862	42.862	34.133	3.5	3.3	406	815	LM241149/LM241110	-	-	7.03
203.200	282.575	46.038	46.038	36.512	3.5	3.3	393	881	67983/67920	1000	1400	8.71
203.200	292.100	57.945	57.945	46.038	3.5	3.3	588	1180	M241547/M241510	-	-	12.00
203.200	317.500	63.500	63.500	46.038	4.3	3.3	677	1330	93800/93125	-	-	17.80
203.200	406.400	92.075	85.725	49.212	6.4	6.4	1040	1500	EE114080/114160	-	-	46.60
203.200	482.600	117.475	95.250	73.025	6.4	6.4	1410	2060	EE380080/380190	-	-	92.50
203.200	365.049	92.075	88.897	63.500	3.3	3.3	1080	1840	EE420801/421437	-	-	36.90
203.479	261.142	28.575	31.750	21.433	1.5	1.5	-	-	LL641148/LL641111	-	-	3.75
203.978	276.225	42.863	46.038	34.133	3.5	3.3	-	-	LM241148/LM241111	-	-	-
204.788	292.100	57.945	57.945	46.038	3.5	3.3	588	1180	M241549/M241510	-	-	11.70
206.375	336.550	98.425	100.012	77.788	3.3	3.3	1250	2340	H242649/H242610	-	-	33.20
206.375	282.575	46.038	46.038	36.512	3.5	3.3	393	881	67985/67920	1000	1400	8.34
209.550	282.575	46.038	46.038	36.512	3.5	3.3	393	881	67989/67920	-	-	7.97
209.550	317.500	63.500	63.500	46.038	4.3	3.3	677	1330	93825/93125	-	-	16.80
209.550	355.600	127.000	66.675	47.625	7.0	3.3	-	-	96825/96140	-	-	26.81
212.725	285.750	46.038	46.038	34.925	3.5	3.3	398	899	LM742745/LM742710	-	-	8.05
215.900	290.010	31.750	31.750	22.225	3.5	3.3	221	457	543085/543114	-	-	5.53
215.900	355.600	69.850	69.850	49.212	6.8	1.5	-	-	EE130851/131400	-	-	25.37
215.900	285.750	46.038	46.038	34.925	3.5	3.3	398	899	LM742749/LM742710	-	-	7.66
215.900	288.925	46.037	46.038	34.925	3.5	3.3	-	-	LM742749/LM742714	-	-	8.08
220.663	314.325	61.912	61.912	49.212	6.4	3.3	682	1370	M244249/M244210	-	-	14.60
223.838	295.275	46.038	46.038	34.925	3.5	3.3	403	919	LM844049/LM844010	-	-	8.10
228.397	431.800	92.075	85.725	49.212	6.4	6.4	1090	1660	EE113089/113170	-	-	50.20
228.460	431.800	92.075	85.725	49.212	6.4	6.4	1090	1660	EE113091/113170	-	-	50.20
228.600	327.025	52.388	52.388	36.512	6.4	3.3	517	1070	8573/8520	-	-	13.00
228.600	355.600	69.850	69.850	49.212	6.8	1.5	781	1430	EE130902/131400	-	-	22.90
228.600	400.050	88.900	87.312	63.500	10.5	3.3	1100	1930	EE430900/431575	-	-	42.90
228.600	355.600	68.262	66.675	47.625	7.0	3.3	703	1460	96900/96140	-	-	23.30
228.600	358.775	71.438	71.438	53.975	3.5	3.3	896	1890	M249732/M249710	840	1100	26.60
228.600	425.450	177.800	92.250	76.200	7.0	6.4	-	-	EE700091/700167	-	-	57.87
228.600	300.038	33.338	31.750	23.812	3.5	3.3	220	478	544090/544118	-	-	5.57
228.600	355.600	69.850	69.850	50.800	6.4	6.4	932	1730	HM746646/HM746610	-	-	26.20
228.600	320.675	50.800	49.212	33.338	6.4	3.3	431	826	88900/88126	-	-	11.00
228.600	488.950	123.825	111.125	73.025	6.4	6.4	1750	2670	HH949549/HH949510	-	-	99.20
228.800	736.600	88.108	88.108	63.500	6.4	6.4	2030	4590	EE843220/843290	-	-	95.60
231.775	268.288	22.500	21.500	18.500	2.0	2.0	135	361	LL244549/LL244510	-	-	1.85
231.775	336.550	65.088	65.088	50.800	6.4	3.3	773	1600	M246942/M246910	920	1200	18.40
231.775	358.775	71.438	71.438	53.975	6.4	3.3	896	1890	M249734/M249710	920	1200	26.90
231.775	300.038	33.338	31.750	23.812	3.5	3.3	220	478	544091/544118	-	-	5.29
234.848	314.325	49.212	53.975	36.512	3.5	3.3	-	-	LM545848/LM545810	-	-	10.18



Tapered Roller Bearing (Inch Series)

Dimensions(mm)				Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)		Weight(kg)	
d	D	T	B	C	R _{min}	R _{min}	Cr	Cor	Cone-Cup	Grease	Oil
234.900	327.025	52.388	52.388	36.512	6.4	3.3	517	1070	8575/8520	-	12.00
234.950	327.025	52.388	52.388	36.512	6.4	3.3	-	-	8574/8520	-	12.27
234.950	327.025	52.388	49.212	36.925	6.4	3.3	431	826	88925/88128	-	11.00
234.950	320.675	50.800	49.212	33.338	6.4	3.3	431	826	88925/88126	-	10.10
234.950	314.325	49.212	49.212	36.512	3.5	3.3	509	1080	LM545849/LM545810	-	9.79
234.950	311.150	46.038	46.038	33.338	3.5	3.3	432	927	LM446349/LM446310	-	8.78
234.950	384.175	112.712	112.712	90.488	6.4	6.4	-	-	H247548/H247510	-	-
234.950	381.000	74.612	74.612	57.150	6.4	3.3	982	2070	M252330/M252310	-	33.80
234.950	355.600	68.262	66.675	47.625	7.0	3.3	703	1460	96925/96140	-	22.10
234.950	384.175	112.712	112.712	90.488	6.4	6.4	1640	3130	H247549/H247510	-	49.70
236.538	320.675	50.800	44.450	33.338	3.5	3.3	-	-	88931/88126	-	9.46
237.330	336.550	65.088	65.088	50.800	6.4	3.3	773	1600	M246949/M246910	-	17.40
241.300	393.700	73.817	69.850	50.005	6.4	6.4	8650	1640	EE275095/275155	-	32.00
241.300	327.025	52.388	52.388	36.512	6.4	3.3	517	1070	8578/8520	-	11.10
241.300	444.500	101.600	100.012	76.200	6.4	4.8	1560	2430	EE923095/923175	-	64.90
241.300	349.148	57.150	57.150	44.450	6.4	3.3	647	1290	EE127095/127135	-	16.50
241.300	368.300	50.800	50.800	33.338	6.4	3.3	549	1060	EE170950/171450	-	17.70
241.300	355.498	57.150	57.150	44.450	6.4	3.3	-	-	EE127095/127138	-	17.82
247.650	304.800	22.225	22.225	15.875	1.5	1.5	-	-	28880/28820	-	3.22
247.650	346.075	63.500	63.500	50.800	6.4	6.4	787	1650	M348449/M348410	-	17.40
247.650	406.400	115.888	117.475	93.662	6.4	6.4	1930	3790	HH249949/HH249910	-	60.20
247.650	368.300	50.800	50.800	33.338	6.4	3.3	549	1060	EE170975/171450	-	16.70
247.650	381.000	74.612	74.612	57.150	6.4	3.3	982	2070	M252337/M252310	-	30.70
249.250	381.000	79.375	76.200	57.150	6.4	4.8	889	1740	EE126098/126150	-	29.10
249.300	990.600	159.500	160.337	123.000	6.4	6.4	5110	13500	LM283649/LM283610	-	327.00
253.975	324.950	39.000	41.500	27.998	1.5	3.3	-	-	L848849/L848810	-	7.51
254.000	323.850	22.224	22.225	15.875	1.5	1.5	-	-	29875/29820	-	4.32
254.000	393.700	73.817	69.850	50.005	6.4	6.4	8650	1640	EE275100/275155	-	29.30
254.000	422.275	86.121	79.771	66.675	6.8	3.3	1320	2120	HM252344/HM252310	-	44.00
254.000	365.125	58.738	58.738	42.862	6.4	6.4	666	1370	EE134100/134143	-	18.00
254.000	358.775	71.438	71.438	53.975	3.5	3.3	896	1890	M249749/M249710	840	1100
254.000	422.275	86.121	79.771	66.675	6.8	3.3	1280	2030	HM252343/HM252310	-	54.90
254.000	558.800	123.825	104.775	69.850	7.9	0.8	1760	2730	EE6210100/620220	-	126.00
254.000	533.400	133.350	120.650	77.788	6.4	6.4	2100	3130	HH953749/HH953710	-	125.00
255.600	342.900	57.150	63.500	44.450	1.5	3.3	-	-	M349547/M349510	-	14.43
257.175	342.900	57.150	57.150	44.450	6.4	3.3	667	1440	M349549/M349510	-	13.40
257.175	342.900	57.150	57.150	44.450	10.7	3.3	667	1440	M349549A/M349510	-	13.10
257.175	358.775	71.437	76.200	53.975	1.5	3.3	-	-	M249747/M249710	-	20.67
260.350	488.950	120.650	120.650	92.025	6.4	6.4	2070	3310	EE295102/295193	-	96.40
260.350	400.050	69.850	67.470	46.038	9.7	6.4	811	1480	EE221026/221575	-	27.40
260.350	365.125	58.738	58.738	42.862	6.4	6.4	666	1370	EE134102/134143	-	16.80
260.350	-	-	58.738	-	6.4	-	-	-	EE134102/134144	-	-
260.350	419.100	85.725	84.138	61.912	6.4	3.3	1100	2050	EE435102/435165	-	41.40
260.350	422.275	86.121	79.771	66.675	6.8	3.3	1280	2030	HM252348/HM252310	-	41.00
260.350	422.275	86.121	79.771	66.675	6.8	3.3	1320	2120	HM252349/HM252310	-	42.40
263.525	325.438	28.575	28.575	25.400	1.5	1.5	217	572	38880/38820	1000	1500
263.525	355.600	57.150	57.150	44.450	3.5	3.3	688	1520	LM451345/LM451310	-	15.40
266.700	393.700	73.817	69.850	50.005	6.4	6.4	8650	1640	EE275105/275155	-	26.50
266.700	444.500	120.650	117.475	88.900	6.4	0.6	1790	3550	H852849/H852810	-	72.70
266.700	355.600	57.150	57.150	44.450	10.5	3.3	688	1520	LM451349A/LM451310	-	14.50



Tapered Roller Bearing (Inch Series)

Dimensions(mm)						Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)		Weight(kg)	
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil		
273.050	393.700	73.817	69.850	50.005	6.4	6.4	8650	1640	EE275108/275155	-	-	-	25.00
273.050	406.400	69.850	69.850	46.038	6.4	6.4	-	-	EE275108/275160	-	-	-	27.16
275.000	352.425	36.513	40.000	23.812	3.5	3.3	-	-	L853048/L853010	-	-	-	8.33
276.225	352.425	36.512	34.925	23.812	3.5	3.3	326	746	L853049/L853010	-	-	-	7.73
279.400	488.950	120.650	120.650	92.025	1.3	6.4	2070	3310	EE295110/295193	-	-	-	88.90
279.400	469.900	95.250	93.662	69.850	9.7	3.3	1380	2370	EE722110/722185	-	-	-	59.50
279.982	380.898	65.088	65.088	49.212	3.5	3.3	708	1770	LM654642/LM654610	-	-	-	21.20
280.192	406.400	69.850	67.673	53.975	6.8	3.3	851	1700	EE128111/128160	-	-	-	26.80
280.192	406.400	52.388	50.211	34.925	6.8	3.3	590	1230	EE101103/101600	-	-	-	20.00
285.750	358.775	33.338	31.750	22.225	3.5	3.3	253	607	545112/545141	-	-	-	6.88
285.750	380.898	65.088	65.088	49.212	3.5	3.3	708	1770	LM654649/LM654610	-	-	-	19.90
285.750	354.012	33.337	31.750	22.225	3.5	3.3	-	-	545112/545139	-	-	-	6.42
288.925	406.400	77.788	77.788	60.325	6.4	3.3	1170	2560	M255449/M255410	-	-	-	30.50
292.100	393.700	63.500	50.800	44.450	3.5	6.4	468	985	84115/84155	-	-	-	18.00
292.100	374.650	47.625	47.625	34.925	3.5	3.3	510	1150	L555249/L555210	-	-	-	11.80
292.100	558.800	136.525	136.525	98.425	6.4	6.4	2640	4090	EE790114/790221	-	-	-	140.00
292.100	469.900	95.250	93.662	69.850	9.7	3.3	1380	2370	EE722115/722185	-	-	-	55.30
298.450	444.500	63.500	61.912	39.688	8.0	1.5	758	1410	EE291175/291750	-	-	-	29.80
299.974	495.300	141.288	141.288	114.300	6.4	6.4	2810	5640	HH258248/HH258210	-	-	-	110.00
300.038	422.275	82.550	82.550	63.500	6.4	3.3	1270	2790	HM256849/HM256810	-	-	-	35.10
304.800	444.500	63.500	61.912	39.688	8.0	1.5	758	1410	EE291201/291750	-	-	-	28.40
304.800	406.400	63.500	63.500	47.625	6.4	3.3	754	1770	LM757049/LM757010	-	-	-	21.40
304.800	495.300	95.250	92.075	69.850	16	6.4	1440	2580	EE724120/724195	-	-	-	63.30
304.800	495.300	76.200	74.612	53.975	6.4	3.3	1320	2080	EE941205/941950	-	-	-	52.30
304.800	393.700	50.800	50.800	38.100	6.4	3.3	575	1330	L357049/L357010	-	-	-	14.40
304.800	499.948	101.600	79.375	53.975	6.4	6.4	1140	1970	M959442/M959410	-	-	-	66.10
304.800	558.800	136.525	136.525	98.425	1.3	6.4	2640	4090	EE790120/790221	-	-	-	134.00
304.800	438.048	76.200	76.992	53.975	6.4	4.8	879	1810	EE129120X/129172	-	-	-	33.70
312.738	358.772	22.225	20.638	14.288	2.3	1.5	131	353	LL957049/LL957010	-	-	-	3.11
314.325	495.300	120.650	119.062	88.900	6.4	6.4	1920	3990	H859049/H859010	-	-	-	82.70
317.500	444.500	63.500	61.912	39.688	8.0	1.5	758	1410	EE291250/291750	-	-	-	25.40
317.500	447.675	85.725	85.725	68.262	3.5	3.3	1320	2820	HM259048/HM259010	-	-	-	40.70
317.500	622.300	147.638	131.762	82.550	14.3	12.7	2700	4410	H961649/H961610	-	-	-	178.00
317.500	447.675	85.725	85.725	68.262	3.5	3.3	1430	3160	HM259049/HM259010	-	-	-	41.80
323.850	381.000	28.575	28.575	20.638	3.5	3.3	239	670	LL758744/LL758715	-	-	-	5.38
325.438	596.900	136.525	136.525	98.425	6.4	6.4	2830	4580	EE720128/720236	-	-	-	158.00
330.200	482.600	60.325	55.562	38.100	7.0	6.4	537	1160	EE526130/526190	-	-	-	32.80
330.200	415.925	47.625	47.625	34.925	12.7	3.3	475	1200	L860048/L860010	-	-	-	13.50
330.200	415.925	47.625	47.625	34.925	3.5	3.3	475	1200	L860049/L860010	-	-	-	14.10
333.375	469.900	90.488	90.488	71.438	6.4	3.3	1570	3500	HM261049/HM261010	-	-	-	48.60
342.900	457.098	68.262	63.500	47.625	3.3	3.3	807	1990	LM961548/LM951511	-	-	-	28.20
342.900	450.850	66.675	66.675	52.388	8.5	3.5	953	2250	LM361649/LM361610	-	-	-	26.30
346.075	482.600	66.675	63.500	44.450	6.8	6.8	878	1810	EE203136/203190	-	-	-	31.50
346.075	482.600	66.675	63.500	44.450	12.7	6.8	878	1810	EE203137/203190	-	-	-	31.00
346.075	488.950	95.249	95.250	74.612	6.4	3.3	1590	3440	HM262748/HM262710	-	-	-	53.79
346.075	488.950	95.250	95.250	74.612	6.4	3.3	1690	3780	HM262749/HM262710	-	-	-	55.90
346.075	482.600	60.325	55.562	38.100	7.0	6.4	537	1160	EE161363/161900	-	-	-	29.10
349.250	501.650	90.488	84.138	69.850	6.4	3.3	1320	2800	EE333137/333197	-	-	-	53.23



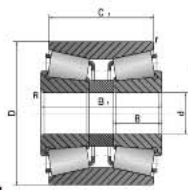
Tapered Roller Bearing (Inch Series)

Dimensions(mm)					Basic load rating(kN)			Bearing Designation		Limiting Speed(rpm)	Weight(kg)	
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
355.600	444.500	60.325	60.325	47.625	3.5	3.3	718	1980	L163149/L163110	-	20.70	
355.600	501.650	90.488	84.138	69.850	6.4	3.3	1320	2800	EE333140/333197	-	50.60	
355.600	673.100	152.400	152.400	114.300	16.0	6.4	-	-	EE121140/121265	-	-	
355.600	501.650	74.612	66.675	50.800	6.4	3.3	-	-	EE231400/231975	-	-	
355.600	469.900	60.325	55.562	38.100	7.0	6.4	537	1160	EE161400/161850	-	24.00	
355.600	482.600	60.325	55.562	38.100	7.0	6.4	537	1160	EE161400/161900	-	26.80	
366.700	355.600	57.150	57.150	44.450	3.5	3.3	688	1520	LM451349/LM451310	-	14.80	
368.249	523.875	101.600	101.600	79.375	6.4	6.4	1940	4360	HM265049/HM265010	-	68.70	
371.475	501.650	74.612	66.675	50.800	6.4	3.3	-	-	EE231462/231975	-	-	
381.000	522.288	85.725	84.138	61.912	6.4	3.3	1360	2980	LM565949/LL565910	-	49.20	
381.000	479.425	49.212	47.625	34.925	6.4	3.3	582	1370	L865547/L865512	-	18.20	
381.000	546.100	104.775	104.775	82.550	6.4	6.4	1940	4210	HM266446/HM266410	-	76.60	
381.000	508.000	63.500	58.738	38.100	6.4	3.3	646	1540	EE192150/192200	-	29.50	
381.000	590.550	114.300	114.300	88.900	6.4	6.4	2440	5550	M268730/M268710	-	118.00	
381.000	546.100	104.775	104.775	82.550	6.4	6.4	2100	4740	HM266447/HM266410	-	79.80	
384.175	546.100	104.775	104.775	82.550	6.4	6.4	1940	4210	HM266448/HM266410	-	75.10	
384.175	546.100	104.775	104.775	82.550	6.4	6.4	2100	4740	HM266449/HM266410	-	78.20	
384.175	441.325	28.575	28.575	20.638	3.5	3.3	228	705	LL365348/LL365310	-	6.15	
385.762	514.350	82.550	82.550	63.500	6.4	3.3	1330	3200	LM665949/LM665910	-	45.10	
387.248	546.100	87.312	87.312	66.675	6.4	6.4	-	-	M667935/M667910	-	-	
396.875	546.100	76.200	61.120	55.562	6.4	6.4	928	2050	EE234156/234215	-	41.00	
403.225	460.375	28.575	28.575	20.638	3.5	3.3	225	727	LL566848/LL566810	-	6.53	
406.400	549.275	85.225	84.138	61.912	6.4	3.3	1400	3140	LM567949/LL567910	-	53.60	
406.400	508.000	61.912	61.912	47.625	3.3	3.3	842	2280	L467549/L467510	-	26.30	
406.400	546.100	76.200	61.120	55.562	6.4	6.4	928	2050	EE234160/234215	-	41.10	
406.400	762.000	180.975	161.925	107.950	12.7	0.1	-	-	H969249/H969210	-	328.00	
406.400	609.600	92.075	84.138	60.325	6.8	6.4	1570	2870	EE911600/912400	-	77.70	
409.575	546.100	87.312	87.312	66.675	6.4	6.4	-	-	M667948/M667910	-	53.25	
409.575	546.100	87.312	87.312	68.262	6.4	6.4	1440	3450	M667948/M667911	-	53.50	
415.925	590.550	114.300	114.300	88.900	6.4	6.4	2440	5550	M268749/M268710	-	98.70	
431.800	603.250	76.200	73.025	50.800	6.4	6.4	963	2240	EE241701/242375	-	58.50	
431.800	533.400	46.038	46.038	34.925	3.3	3.3	612	1560	80385/80325	-	20.60	
431.800	571.500	74.612	74.612	52.388	3.3	3.3	1210	2860	LM869448/LM869410	-	47.30	
431.800	552.450	44.450	44.450	31.750	3.3	3.3	614	1590	80170/80217	-	25.30	
431.902	685.698	177.800	174.625	142.875	6.4	6.4	4550	9230	EE650170/650270	-	246.00	
447.675	552.450	44.450	41.618	32.545	3.3	3.3	-	-	LL469949/LL469910	-	20.75	
447.675	552.450	44.450	44.450	31.750	3.3	3.3	614	1590	80176/80217	-	21.40	
447.675	565.150	44.448	44.450	31.750	3.3	3.3	-	-	80176/80222	-	24.26	
447.675	635.000	120.650	120.650	95.250	6.4	6.4	-	-	M270749/M270710	-	-	
457.200	573.088	74.612	74.612	57.150	6.4	6.4	1210	3230	L570649/L570610	-	41.60	
457.200	596.900	76.200	73.025	53.975	9.7	3.3	1210	2930	EE244180/244235	-	49.50	
457.200	603.250	85.725	84.138	60.325	6.4	3.3	1460	3470	LM770949/LM770910	-	61.20	
457.200	615.950	85.725	85.725	66.675	6.4	6.4	1660	4120	LM272235/LM272210	-	71.10	
457.200	730.148	120.650	114.300	82.550	9.7	6.4	2770	4850	EE671801/672873	-	175.00	
476.250	565.150	41.275	41.275	31.750	3.3	3.3	460	1460	LL771948/LL771911	-	19.20	
479.425	679.450	128.588	128.588	101.600	6.4	6.4	3190	7380	M272749/M272710	-	149.00	
482.600	634.873	80.962	80.962	63.500	6.4	3.3	1440	3690	EE243190/243250	-	65.90	
482.600	615.950	53.975	46.038	41.275	3.3	3.3	643	1750	80480/80425	-	34.80	



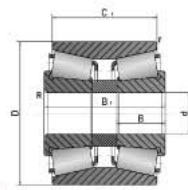
Tapered Roller Bearing (Inch Series)

Dimensions[mm]				Basic load rating[kN]			Bearing Designation		Limiting Speed[rpm]	Weight[kg]	
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil
482.600	615.950	85.725	85.725	66.675	6.4	6.4	1660	4120	LM272249/LM272210	-	58.50
488.950	660.400	93.662	94.458	69.850	6.4	6.4	2030	4580	EE640192/640260	-	88.20
488.950	634.873	84.138	84.138	61.912	6.4	3.3	1590	3910	LM772748/LM772710	-	63.60
489.026	634.873	80.962	80.962	63.500	6.4	3.3	1440	3690	EE243192/243250	-	62.70
498.475	634.873	80.962	80.962	63.500	6.4	3.3	1440	3690	EE243196/243250	-	58.10
501.650	711.200	136.525	136.525	106.630	6.4	6.4	3460	8070	M274149/M274110	-	170.00
508.000	838.200	146.050	139.700	104.775	9.7	9.7	3540	6450	EE426200/426330	-	290.00
533.400	635.000	50.800	50.800	38.100	6.4	6.4	762	2080	LL575343/LL575310	-	28.20
536.575	761.873	146.050	146.050	114.300	6.4	6.4	3930	9250	M276449/M276410	-	212.00
539.750	635.000	50.800	50.800	38.100	6.4	6.4	762	2080	LL575349/LL575310	-	26.10
543.097	692.150	80.962	80.962	61.912	6.4	6.4	-	-	L476548/L476510	-	67.25
549.275	692.150	80.962	80.962	61.912	6.4	6.4	1490	4010	L476549/L476510	-	67.10
558.800	736.600	76.200	76.200	50.800	6.4	6.4	1370	3300	EE542220/542290	-	78.40
558.800	723.900	73.025	73.025	57.150	4.8	4.8	1510	3470	EE647220/647285	-	73.50
558.800	736.600	104.775	104.775	80.962	6.4	6.4	2520	6390	LM377449/LM377410	-	118.00
571.500	812.800	155.575	155.575	120.650	6.4	6.4	4440	10500	M278749/M278710	-	254.00
584.200	685.800	49.212	49.212	34.925	3.5	3.3	783	2280	LL778143/LL778110	-	28.80
596.900	685.800	31.750	31.750	25.400	3.5	3.3	337	1020	680235/680270	-	16.70
609.396	762.000	95.250	92.075	71.438	6.4	6.4	1940	5530	L879946/L879910	-	92.90
609.600	774.700	85.725	79.375	60.325	6.4	6.4	1980	4640	L580049/L580010	-	85.80
609.600	787.400	93.662	93.662	69.850	6.4	6.4	2230	5640	EE649240/649310	-	109.00
635.000	736.600	57.150	53.975	41.275	3.3	3.3	641	1900	80780/80720	-	34.30
635.000	933.450	179.387	177.800	141.288	12.0	6.4	-	-	M281635/M281610	-	-
639.600	762.000	95.250	92.075	71.438	6.4	6.4	1940	5530	L879947/L879910	-	92.70
660.400	812.800	95.250	95.250	73.025	6.4	6.4	2170	6030	L281148/L281110	-	98.50
673.100	793.750	66.675	61.912	49.212	6.4	6.4	1090	3220	LL481448/LL481411	-	52.20
685.800	876.300	73.662	92.075	69.850	6.4	6.4	2350	6320	EE655270/655345	-	134.00
698.500	819.150	63.500	63.500	50.800	3.3	3.3	1030	3280	LL382149/LL382110	-	54.60
711.200	914.400	85.725	82.550	60.325	6.4	6.4	2040	5180	EE755280/755360	-	132.00
723.900	914.400	84.138	80.962	60.325	5.5	6.4	2040	5180	EE755285/755360	-	122.00
759.925	889.000	69.850	69.850	50.800	3.3	3.3	1340	4370	LL483448/LL483418	-	68.40
759.925	889.000	88.900	88.900	72.000	3.3	3.3	2010	6300	L183448/L183410	-	89.90
762.000	889.000	69.850	69.850	50.800	3.3	3.3	1340	4370	LL483449/LL483418	-	67.00
762.000	889.000	88.900	88.900	72.000	3.3	3.3	2010	6300	L183449/L183410	-	88.20
762.000	965.200	93.662	80.962	66.675	6.4	3.3	-	-	EE752300/752380	-	-
774.700	965.200	93.662	80.962	66.675	6.4	3.3	2100	5460	EE752305/752380	-	135.00
801.688	914.400	58.738	58.738	41.275	3.5	3.3	1060	3570	LL584449/LL584410	-	52.60
838.200	1041.400	93.662	88.900	66.675	6.4	6.4	2160	5920	EE763330/763410	-	162.00
857.250	1092.200	120.650	111.125	76.200	19.0	6.4	2850	7670	EE157337/157430	-	233.00
928.000	1060.000	92.000	90.000	76.000	3.3	3.3	-	-	JL286948/JL286910	-	-
930.000	1060.000	92.000	90.000	76.000	3.3	3.3	-	-	JL286949/JL286910	-	-
977.900	1130.300	66.675	63.500	47.625	6.4	6.4	1640	5390	LL687949/LL687910	-	100.00
1016.00	1270.00	101.600	101.600	66.675	9.7	9.7	2790	8170	EE168400/168500	-	268.00
1063.625	1219.200	65.088	65.088	42.862	3.3	3.3	1680	5780	LL788345/LL788310	-	107.00
1066.800	1320.800	95.250	88.900	69.850	6.4	6.4	2280	7030	EE776420/776520	-	266.00
1066.800	1219.200	65.088	65.088	42.862	3.3	3.3	1680	5780	LL788349/LL788310	-	104.00
1092.200	1320.800	95.250	88.900	69.850	6.4	6.4	2280	7030	EE776430/776520	-	236.00
1155.700	1435.100	120.650	120.650	95.250	6.4	6.4	3960	13000	EE277455/277565	-	430.00
1270.000	1435.100	69.850	65.088	47.625	6.4	6.4	1810	6800	LL889049/LL889010	-	146.00
1562.100	1806.575	127.000	123.825	85.725	9.7	9.7	4450	16700	EE299615/299711	-	475.00
1689.100	1844.675	68.262	68.262	42.862	6.4	6.4	2100	9010	LL789749/LL789710	-	176.00



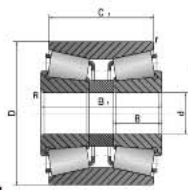
Double Row & Four Row Tapered Roller Bearing

Dimensions(mm)				Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)	Weight(kg)
d	D	T	B	C	R _{min}	R _{max}	Cr	Cor	
44.450	95.250	65.090	28.300	44.450	1.3	0.8	-	-	53176/53376D
50.800	120.650	69.850	34.925	68.265	3.5	1.5	-	-	NA33889SW/K103272
52.388	112.712	65.087	26.909	46.038	3.5	1.5	-	-	55206/55444D
63.500	140.030	66.091	65.989	23.520	2.3	2.3	-	-	78251D/78551
70.000	120.000	74.615	37.308	53.975	3.5	0.8	-	-	NA4838W/472D
76.200	136.525	69.850	34.925	53.975	3.5	0.8	-	-	NA495A/493DC
84.138	177.800	109.537	46.038	74.612	3.5	2.3	-	-	9386H/9320D
85.000	200.025	115.888	49.212	80.216	3.5	2.3	-	-	98335/98789D
88.900	123.825	50.797	20.638	42.862	1.5	0.8	-	-	L217849/L217810D
92.075	148.430	28.575	57.942	21.433	1.5	3.0	-	-	42362D/42584
95.250	152.400	82.550	36.322	63.500	3.5	0.8	-	-	594/592D
95.250	152.400	82.550	36.322	63.500	5.0	0.8	-	-	594A/592D
97.394	161.925	82.550	41.275	61.912	3.5	0.8	-	-	NA52375T/52637D
98.425	190.500	127.000	57.531	101.600	3.5	1.5	-	-	866/854D
99.979	196.850	103.378	46.038	74.422	3.5	1.5	-	-	HM821547/HM821511D
100.211	168.275	95.250	95.250	30.162	0.8	3.3	-	-	688TD/672
101.600	165.100	106.581	49.212	114.300	1.5	-	-	-	HM120848/HM120817XD
101.600	168.275	92.075	41.275	69.850	3.5	0.8	-	-	687/672DC
101.600	168.275	92.075	41.275	69.850	3.5	0.8	-	-	K687/K672D
101.600	168.275	92.075	46.038	69.850	3.5	0.8	-	-	NA691/672D
101.600	190.500	127.000	57.531	101.600	8.0	1.5	-	-	861/854D
101.600	190.500	127.000	57.531	104.775	8.0	1.5	-	-	HH221449/HH221410D
101.600	200.025	115.888	49.212	80.216	3.5	2.3	-	-	98400/98789D
101.600	-	-	49.212	-	3.5	-	-	-	98400/98710D
104.775	180.975	104.775	48.006	85.725	3.5	1.5	-	-	782/774D
106.362	165.100	82.550	36.512	63.500	3.5	0.8	-	-	56418/56650D
107.950	165.100	82.550	36.512	63.500	3.5	0.8	-	-	56425/56650D
107.950	165.100	88.900	44.450	63.500	3.5	0.8	-	-	NA56425SW/56650D
109.987	159.987	74.613	34.925	58.738	3.5	0.8	-	-	LM522549/522510D
114.300	-	-	66.675	-	7.0	-	-	-	938/932D
114.300	177.800	92.075	41.275	69.850	3.5	0.8	-	-	64450/64700D
114.300	-	-	71.438	-	3.5	-	-	-	HH224364NA/HH224310D
114.300	-	-	49.428	-	3.5	-	-	-	HM926740/HM926710CD
119.062	195.262	136.778	57.150	142.875	1.5	1.0	-	-	HM124646/HM124618XD
119.062	194.874	125.254	57.150	131.351	1.5	1.6	-	-	HM124646/HM124616XD
123.825	182.562	85.728	38.100	73.025	3.5	0.8	-	-	48286/48220D
127.000	182.562	85.725	38.100	73.025	3.5	0.8	-	-	48290/48220D
127.000	182.562	93.660	46.830	73.025	3.5	0.8	-	-	NA48290SW/48220D
127.000	182.562	76.200	33.338	1.5	3.3	-	-	-	48290DW/48220
127.000	182.562	85.725	42.862	73.025	3.5	0.8	-	-	NA48291/48220DC
127.000	196.850	101.600	46.038	85.725	3.5	0.8	-	-	67388/67322D
127.000	-	-	63.500	-	6.4	-	-	-	95500/95927D
127.000	234.950	142.875	63.500	114.300	6.4	1.5	-	-	95500/95927CD
127.000	228.600	115.888	49.428	84.138	3.5	2.3	-	-	HM926747/HM926710D
131.750	207.950	146.050	57.150	127.000	1.5	0.8	-	-	HM127446/HM127415XD
131.750	207.962	146.305	57.150	152.400	1.5	1.0	-	-	HM127446/HM127415D
133.350	234.950	142.875	63.500	114.300	9.7	1.5	-	-	95525/95927CD



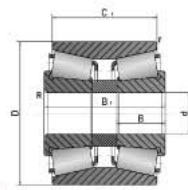
Double Row & Four Row Tapered Roller Bearing

Dimensions(mm)				Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)	Weight(kg)
d	D	T	B	C	R _{min}	R _{max}	Cr	Cor	
133.350	-	-	63.500	-	9.7	-	-	-	95525/95927D
139.700	-	-	47.625	-	3.5	-	-	-	74550/74851D
139.700	215.900	106.362	47.625	80.962	3.5	1.5	-	-	74550/74851CD
139.700	-	-	66.675	-	7.0	-	-	-	99550/99102D
139.700	228.600	123.825	57.150	98.425	3.5	1.5	-	-	898/892CD
139.700	-	-	57.150	-	6.4	-	-	-	898A/892DC
142.875	200.025	93.665	46.833	73.025	3.5	0.8	-	-	NA48685SW/48620D
142.875	200.025	93.665	46.833	73.025	3.5	0.8	-	-	NA48686/4862CD
144.450	220.662	155.840	58.738	163.510	1.5	1.0	-	-	HM129848/HM129814XD
144.450	220.663	241.3	-	163.627	-	-	590	1310	JB1204P
157.150	252.489	272.8	69.850	184.277	-	-	860	1920	JB1205P
146.050	-	-	66.675	-	7.0	-	-	-	99575/99102D
146.050	236.538	131.762	56.642	106.362	3.5	1.5	-	-	HM231140/HM231110D
146.050	241.300	131.765	65.883	106.362	3.5	1.5	-	-	HM231140NA/HM231116D
146.050	236.538	131.765	65.883	106.362	3.5	1.5	-	-	HM231140NA/HM231111CD
149.225	236.538	131.762	56.642	106.362	3.5	1.5	-	-	HM231149/H231111CD
152.400	254.000	149.225	66.675	111.125	7.0	1.5	-	-	99600/99102CD
152.400	222.250	100.010	46.830	76.200	3.5	0.8	-	-	M231649/M231610CD
152.400	-	-	46.830	-	3.5	-	-	-	M231649/M231610D
152.400	307.975	200.025	93.662	155.575	9.7	2.3	-	-	HH234048/HH234011CD
157.150	252.412	177.914	69.850	184.150	1.5	1.3	-	-	HM133444/HM133416XD
158.750	225.425	85.725	39.688	69.850	3.5	0.8	-	-	46780/46720CD
165.100	225.425	95.250	47.625	69.850	3.5	0.8	-	-	NA46790SW/46720CD
165.100	288.925	142.875	63.500	111.125	7.0	1.5	-	-	94649/94114CD
165.100	288.925	142.875	63.500	111.125	7.0	1.5	-	-	HM237535/HM237510CD
165.100	247.650	103.188	-	84.138	3.5	0.8	652	-	67780/67720CD
177.787	301.700	190.546	87.312	196.850	1.5	0.9	-	-	H337846/H337816XD
177.800	-	-	47.625	-	3.5	-	-	-	67790/67720D
177.800	-	-	51.595	-	3.5	-	-	-	NA67790/67720CD
177.800	247.650	103.188	47.625	84.138	3.5	0.8	652	-	67790/67720CD
177.800	247.650	103.187	47.625	84.138	10.5	0.8	-	-	67791/67720CD
177.800	269.875	119.063	55.562	93.662	3.5	1.5	-	-	M238840/M238810CDXA
177.800	282.575	107.950	53.975	79.375	3.5	1.5	-	-	NA87700SW/87112D
177.800	-	-	63.500	-	7.0	-	-	-	94700/94114D
177.800	288.925	142.875	63.500	111.125	7.0	1.5	-	-	94700/94114CD
177.800	288.925	142.875	63.500	111.125	7.0	1.5	-	-	HM237545/HM237510CD
177.800	288.925	142.875	71.438	111.125	0.6	1.5	-	-	HM237545NA/HM237510CD
177.800	288.925	123.825	123.825	63.500	1.5	3.3	-	-	HM237546D/HM237510
177.800	320.675	185.738	85.725	138.112	3.5	1.5	-	-	H239640/H239612CD
179.975	317.500	146.050	63.500	111.125	3.5	1.5	-	-	93708/93127CD
184.150	242.888	95.250	-	69.850	3.5	0.8	-	-	LM637349NW/LM637310D
187.325	269.875	119.063	101.600	93.662	1.5	3.3	-	-	M238849D/M238810CD/M238810
187.325	269.875	119.062	55.562	93.662	3.5	1.5	-	-	M238849/M238810CD
187.325	320.675	185.738	85.725	138.112	5.5	1.5	-	-	H239649/239612CD
190.500	-	-	46.833	-	3.5	-	-	-	67885/67820D
190.500	-	-	54.767	-	3.5	-	-	-	NA67885SW/67820D
190.500	-	-	89.695	-	1.5	-	-	-	67885D/67820D/67820



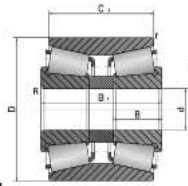
Double Row & Four Row Tapered Roller Bearing

Dimensions(mm)				Basic load rating[kN]		Bearing Designation		Limiting Speed(rpm)		Weight(kg)	
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil
190.500	368.300	193.675	88.897	136.525	6.4	1.5	-	-	EE420751/EE421451CD	-	83.80
190.500	-	-	92.250	-	6.4	-	-	-	HH840249/HH840210D	-	-
190.500	-	-	92.250	-	6.4	-	-	-	HH840249/HH840210DF	-	-
196.850	257.175	85.725	39.688	66.675	3.5	0.8	-	-	LM739749/LM739710CD	-	9.96
200.025	384.175	238.124	112.712	193.675	6.4	1.5	-	-	H247535/H247510CDXA	-	-
203.200	276.225	90.485	42.862	73.025	3.5	0.8	-	-	LM241149/LM241110D	-	14.80
203.200	276.225	95.250	47.625	73.025	3.5	0.8	-	-	LM241149NW/LM241110D	-	15.30
203.200	292.100	125.415	57.945	101.600	3.5	1.5	-	-	M241547/M241510CD	-	25.10
203.200	317.500	63.500	123.825	46.038	1.5	3.3	-	-	93800D/93125	-	37.52
-	292.100	57.945	-	46.038	-	3.3	-	-	M241547DC/M241510	-	-
203.200	368.300	158.750	152.400	63.500	3.3	3.3	-	-	EE420800D/421450	-	66.91
203.200	368.300	193.675	88.897	136.525	3.3	1.5	-	-	EE420801/421451CD	-	78.30
206.375	336.550	211.138	100.012	169.862	3.3	1.5	-	-	H242649/H242610CD	-	70.30
206.375	336.550	180.976	184.150	77.788	1.5	3.3	-	-	H242649D/H242610	-	65.50
215.900	355.600	68.262	130.175	47.625	6.4	3.3	-	-	96851D/96140	-	-
215.900	285.750	98.425	46.038	76.200	3.5	0.8	-	-	LM742749/LM742710CD	-	17.00
219.075	358.775	196.850	200.025	85.725	1.5	6.4	-	-	H244848D/H244810	-	-
219.075	358.775	196.850	200.025	85.725	1.5	6.4	-	-	H244849D/H244810	-	84.30
220.662	314.325	131.762	61.912	106.362	6.4	1.5	-	-	M244249/M244210CD	-	31.80
220.662	-	-	61.912	-	6.4	-	-	-	M244249/M244210D	-	-
220.662	314.325	115.886	115.888	106.362	1.5	3.3	-	-	M244249DW/M244210CD/M244210	-	29.60
222.250	355.600	68.262	130.175	47.625	1.5	3.3	-	-	96876TD/96140	-	-
228.460	-	-	85.725	-	6.4	-	-	-	EE113091/113170DF	-	-
228.460	431.800	196.850	85.725	111.125	6.4	3.3	-	-	EE113091/113171D	-	107.00
228.600	327.025	114.300	52.388	82.550	6.4	1.5	-	-	8573/8520CD	-	27.90
228.600	355.600	152.400	66.675	111.125	7.0	1.5	-	-	96900/96140CD	-	49.30
215.900	355.600	152.400	69.850	111.125	6.8	1.5	-	-	EE130851/131401CD	-	34.35
228.600	355.600	152.400	69.850	111.125	6.8	1.5	-	-	EE130902/EE131401CD	-	48.40
228.600	-	-	73.025	-	6.4	-	-	-	NA130902/131401D	-	-
228.600	-	-	71.438	-	3.5	-	-	-	M249732/M249710D	-	-
228.600	400.050	187.325	87.312	136.525	10.5	1.5	-	-	EE430900/EE431576CD	-	89.60
228.600	355.600	152.400	69.850	114.300	6.4	1.5	-	-	HM746646/HM746610CD	-	55.40
228.600	-	-	111.125	-	6.4	-	-	-	HH949549/HH949510DB	-	-
234.950	327.025	114.300	52.388	82.550	6.4	1.5	-	-	8575/8520CD	-	25.90
234.950	327.025	117.475	58.738	82.550	6.4	1.5	-	-	NA8575SW/8520CD	-	27.60
234.950	355.600	152.400	66.675	111.125	7.0	1.5	-	-	96925/96140CD	-	46.80
234.950	-	-	112.712	-	6.4	-	-	-	H247549/H247510D	-	-
234.950	384.175	238.124	112.712	193.675	6.4	1.5	-	-	H247549/H247510CD	-	-
234.950	311.150	101.600	-	73.025	3.5	0.8	-	-	LM446349NW/LM446310D	-	19.20
241.300	327.025	114.300	52.388	82.550	6.4	1.5	-	-	8578/8520CD	-	23.90
241.300	349.148	127.000	57.150	101.600	6.4	1.5	-	-	EE127095/127136CD	-	35.40
241.300	368.300	120.650	50.800	85.725	6.4	1.5	-	-	EE170950/EE171451CD	-	39.50
241.300	406.400	215.900	100.012	184.150	6.4	1.5	-	-	H249148/H249111CD	-	104.00
241.300	444.500	209.550	100.012	158.750	6.4	1.5	-	-	EE923095/923176DG	-	-
253.975	347.662	-	-	-	3.5	-	-	-	LM249747NW/LM249710CD	-	-
253.975	347.662	101.600	-	69.850	3.5	1.5	-	-	LM249747NW/LM249710D	-	24.00



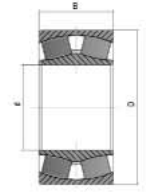
Double Row & Four Row Tapered Roller Bearing

Dimensions[mm]				Basic load rating[kN]			Bearing Designation		Limiting Speed[rpm]	Weight[kg]	
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil
254.000	422.275	173.038	79.771	128.587	6.8	1.5	-	-	HM252343/HM252311D	-	-
254.000	422.275	178.592	79.771	139.700	6.8	1.5	-	-	HM252344/HM252310CD	-	89.50
254.000	422.275	173.038	86.517	128.588	6.4	1.5	-	-	HM252344NA/HM252311D	-	89.80
254.000	393.700	157.162	69.850	109.538	6.4	1.5	-	-	EE275100/275156CD	-	63.50
254.000	438.150	165.100	165.100	63.500	3.3	6.4	-	-	EE738101D/EE738172	-	-
254.000	-	-	120.650	-	6.4	-	-	-	HH953749/H953710CD	-	-
254.000	533.400	276.225	120.650	165.100	6.4	1.5	-	-	HH953749/H953710D	-	263.00
260.350	-	-	58.738	-	6.4	-	-	-	EE134102/EE134144D	-	-
260.350	422.275	178.592	79.771	139.700	6.8	1.5	-	-	HM252348/HM252310CD	-	83.50
260.350	-	-	84.138	-	6.4	-	-	-	EE435102/435165CD	-	-
266.700	352.425	107.950	-	82.550	6.4	1.5	-	-	LM251649NW/LM251610D	-	26.40
266.700	355.600	127.000	109.538	101.600	1.5	1.5	-	-	LM451349DGW/LM451310CD/LM451310	-	34.57
266.700	-	-	57.150	-	3.5	-	-	-	LM451349/LM451310D	-	-
266.700	355.600	127.000	109.538	101.600	1.5	1.5	-	-	LM451349DW/LM451310CD/LM451310	-	34.34
269.875	381.000	158.750	79.771	123.825	6.4	1.5	-	-	HM152349/HM252310CD	-	53.50
279.400	457.200	244.475	244.475	106.362	1.5	6.4	-	-	HH255149D/HH255110	-	165.00
280.192	406.400	149.226	67.673	117.475	6.8	1.5	-	-	EE128111/128160CD	-	37.48
285.750	380.898	139.700	117.475	107.950	1.5	1.5	-	-	LM654648DW/LM654610CD/LM654610	-	44.95
285.750	380.898	139.700	65.088	107.950	3.5	1.5	-	-	LM654649/LM654610CD	-	41.60
288.925	406.400	165.100	77.788	130.175	6.4	1.5	-	-	M255449/M255410CD	-	63.30
292.100	422.275	152.400	130.175	117.475	3.2	1.5	-	-	EE330116D/330167D/330166	-	-
298.450	444.500	146.050	61.912	98.425	8.0	1.5	-	-	EE291175/291751CD	-	64.80
298.450	444.500	146.050	61.912	98.425	8.0	1.5	-	-	EE291175/291751D	-	43.63
300.038	422.275	150.813	150.812	63.500	3.3	3.3	-	-	HM256849D/HM256810	-	67.60
304.800	419.100	130.175	130.175	53.975	1.5	6.4	-	-	M257149DW/M257110	-	51.70
304.800	438.048	161.925	80.962	123.825	6.4	1.5	-	-	NA329120/329173D	-	-
304.800	-	-	53.975	-	6.4	-	-	-	L357049NW/L357010D	-	-
304.800	393.700	107.950	50.800	82.550	6.4	1.5	-	-	L357049/L357010CD	-	30.00
316.111	447.675	158.750	173.035	68.262	3.0	3.3	-	-	HM259045TD/HM259010	-	-
317.500	422.275	128.588	128.587	53.975	1.6	3.3	-	-	LM258648DGW/LM258610	-	-
317.500	447.675	180.975	85.725	146.250	3.5	1.5	-	-	HM259049/HM259010CD	-	86.70
317.500	447.675	158.750	158.750	68.262	3.3	3.3	-	-	HM259049D/HM259010	-	80.70
317.500	622.300	304.800	131.762	174.625	14.3	3.3	-	-	H961649/H961610CD	-	-
317.500	622.300	304.800	131.762	174.625	14.3	3.3	-	-	H961649/H961610D	-	370.00
325.438	-	-	136.525	-	6.4	-	-	-	EE720128/720236D	-	-
330.200	482.300	133.350	55.562	88.900	7.0	1.5	-	-	EE161300/161901CD	-	70.10
330.200	482.600	177.800	80.167	127.000	6.4	1.5	-	-	EE526130/EE526191D	-	63.01
330.200	415.925	100.012	47.625	74.612	3.5	1.5	-	-	L860049/L860010CD	-	19.03
333.375	469.900	190.500	90.488	152.400	6.4	1.5	-	-	HM261049/HM261010CD	-	96.10
333.375	-	-	90.488	-	6.4	-	-	-	HM261049/HM261010D	-	-
343.052	-	-	122.238	-	1.5	-	-	-	LM761649DW/LM761610D/LM761610	-	-
346.075	488.950	174.625	174.625	74.612	3.3	3.3	-	-	HM262749D/HM262710	-	108.00
347.662	469.900	138.112	138.112	57.150	-	3.3	-	-	M262449DW/M262410	-	-
355.600	482.600	133.350	55.562	88.900	7.0	1.5	-	-	EE161400/161901CD	-	58.00
355.600	444.500	136.525	60.325	111.125	3.5	1.5	-	-	L163149/L163110CD	-	46.10



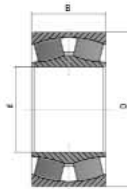
Double Row & Four Row Tapered Roller Bearing

Dimensions(mm)					Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)		Weight(kg)	
d	D	T	B	C	R _{min}	F _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
355.600	457.200	120.650	120.650	50.800	1.5	3.3	-	-	LM263149D/LM263110	-	51.20	
355.600	-	-	153.988	-	1.5	-	-	-	M263349D/M263310D/M263310	-	-	
355.600	488.950	153.988	153.988	63.500	1.5	3.3	-	-	M263349D/M263310	-	85.30	
355.600	-	-	128.587	-	1.5	-	-	-	LM763449DW/LM763410D/LM763410	-	-	
368.300	523.875	185.738	185.738	79.375	3.3	6.4	-	-	HM265049TD/HM265010	-	138.00	
368.300	523.875	185.738	185.738	79.375	3.3	6.4	-	-	HM265049DW/HM265010	-	-	
368.300	523.875	185.738	185.738	79.375	3.3	6.4	-	-	HM265049DW/HM265010CD/LM265010	-	-	
381.000	-	-	58.738	-	6.4	-	-	-	EE192150/192201D	-	-	
381.000	-	-	47.625	-	6.4	-	-	-	L865547/L865512D	-	-	
381.000	590.550	244.475	114.300	193.675	6.4	1.5	-	-	M268730/M268710CD	-	246.00	
384.175	546.100	222.250	104.775	177.800	6.4	1.5	-	-	HM266449/HM266410CD	-	163.00	
385.762	514.350	177.800	82.550	139.700	6.4	1.5	-	-	LM665949/LM665910CD	-	95.50	
406.400	546.100	138.112	138.112	53.975	1.5	6.4	-	-	LM767748DA/LM767710	-	-	
409.575	546.100	161.925	161.925	66.675	1.5	6.4	-	-	M667947DW/M667910	-	104.00	
409.575	546.100	161.925	161.925	68.262	1.5	6.4	-	-	M667947DW/M667911	-	101.61	
415.925	590.550	244.475	114.300	193.675	6.4	1.5	-	-	M268749/M268710CD	-	206.00	
415.925	590.550	244.475	114.300	193.675	6.4	1.5	-	-	M268749/M268710DC	-	-	
415.925	590.550	209.550	209.550	88.900	3.3	6.4	-	-	M268749DW/M268710	-	190.00	
431.800	673.100	192.639	87.833	127.000	6.4	1.5	-	-	EE571703/572651D	-	223.00	
431.800	-	-	161.925	-	1.5	-	-	-	LM769349D/LM769310D/LM769310	-	-	
431.800	571.500	155.575	74.612	111.125	3.3	1.5	-	-	LM869448/LM869410CD	-	98.00	
431.800	571.500	155.575	133.350	111.125	1.5	1.5	-	-	-LM869449ADW/LM869410CD/LM869410	-	104.64	
457.200	-	-	73.025	-	9.7	-	-	-	EE244180/244236D	-	-	
457.200	761.873	215.900	209.550	95.250	-	6.4	-	-	EE423181XD/423300	-	-	
457.200	749.808	215.900	209.550	95.250	-	6.4	-	-	EE423181XD/423296	-	-	
459.948	624.924	205.000	205.000	88.000	3.1	9.0	-	-	M271149D/M271110	-	184.00	
479.425	679.450	238.124	238.125	101.600	1.3	6.4	-	-	M272749DW/M272710	-	-	
479.425	679.450	276.225	85.725	222.250	6.4	1.5	-	-	M272749/M272710DC	-	317.00	
482.600	-	-	158.750	-	6.4	-	-	-	LM272248DW/LM272210D/LM272210	-	-	
482.600	-	-	158.750	-	3.3	-	-	-	-LM272249DW/LM272210CD/LM272210	-	-	
482.600	615.950	184.150	85.725	146.050	6.4	1.5	-	-	LM272249/LM272210D	-	124.00	
482.600	-	-	158.750	-	3.3	-	-	-	LM272249D/LM272210D/LM272210	-	-	
488.950	634.873	180.975	84.138	136.525	6.4	1.5	-	-	LM772748/LM772710CD	-	136.00	
498.475	634.873	177.800	80.962	142.875	6.4	1.5	-	-	EE243196/243251CD	-	-	
498.475	634.873	177.800	80.962	142.875	6.4	1.5	-	-	EE243196/243251D	-	-	
520.700	736.600	186.502	81.758	114.300	6.4	1.5	-	-	EE982051/982901CD	-	-	
536.575	761.873	269.876	269.875	114.300	3.3	6.4	-	-	M276449DW/M276410	-	-	
539.750	-	-	50.800	-	6.4	-	-	-	LL575349/LL575310CD	-	-	
571.500	812.800	333.375	285.750	263.525	3.3	1.5	-	-	M278749DW/M278710D/M278710	-	-	
609.600	787.400	206.375	93.662	158.750	6.4	1.5	-	-	EE649240/649311CD	-	233.00	
657.225	933.450	377.825	328.612	301.625	3.3	1.5	-	-	M281649D/M281610CD/M281610	-	-	
657.225	933.450	328.612	328.612	141.288	3.3	6.4	-	-	M281649D/M281610	-	747.00	
660.400	812.800	203.200	95.250	158.750	6.4	1.5	-	-	L281148/L281110CD	-	206.00	
711.200	914.400	190.500	82.550	139.700	6.4	3.3	-	-	EE755280/755361CD	-	286.00	
762.000	1079.500	438.149	381.000	349.250	4.8	3.3	-	-	M284249DW/M284210D/M284210	-	-	
938.212	1270.000	400.050	400.050	169.862	4.8	12.7	-	-	LM287649D/LM287610	-	1500.00	
1200.150	-	-	482.600	-	4.8	-	-	-	LM288949D/LM288910D/LM288910	-	-	



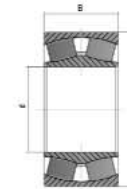
Spherical Roller Bearing

Dimensions(mm)					Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)		Weight(kg)
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor		Grease	Oil
45	100	-	25	-	1.5	1.5	104	116	21309C	4000	5400
65	120	-	31	-	1.5	1.5	177	230	22213CW33	3800	4800
70	150	-	51	-	2.1	2.1	311	364	22314CW33	2600	3500
85	180	-	60	-	3	3	397	481	22317CW33	2200	2900
90	160	-	40	-	2	2	246	330	22218CKW33	2300	3100
90	190	-	64	-	3	3	497	617	22318CW33	1900	2500
90	160	-	52.4	-	2	2	303	412	23218MBW33	1900	2400
100	215	-	73	-	3	3	633	806	22320CW33	1600	2200
110	170	-	45	-	2	2	288	471	23022CK	1900	2500
110	200	-	69.8	-	2.1	2.1	515	760	23222CW33	1500	1900
120	180	-	46	-	2	2	299	517	23024MB	1900	2600
120	180	-	46	-	2	2	299	517	23024CAW33	1900	2600
120	200	-	80	-	2	2	495	925	24124MBW33	900	120
130	180	-	37	-	1.5	1.5	204	355	23926YMW33	1800	2300
140	190	-	37	-	1.5	1.5	248	466	23928YMW33	1700	2200
160	290	-	80	-	3	3	885	1270	22232CW33	1200	1700
160	270	-	86	-	2.1	2.1	784	1240	23132CW33	1100	1400
170	310	-	86	-	4	4	952	1390	22234CW33	1100	1500
170	260	-	67	-	2.1	2.1	629	1110	23034CAW33	1200	1600
180	320	-	112	-	4	4	1360	2110	23236MBKW33	1000	1300
190	340	-	120	-	4	4	1550	2420	23238CAW33	1000	1260
200	420	-	138	-	5	5	2010	2750	22340MBKW33	830	1100
200	340	-	112	-	3	3	1240	2210	23140CAKW33	840	1000
200	280	-	60	-	2.1	2.1	495	1150	23940MBW33	1600	2000
200	340	-	140	-	3	3	1380	2800	24140CAW33	560	700
200	340	-	140	-	3	3	1380	2800	24140CAKW33	560	700
220	460	-	145	-	5	5	2380	3380	22344MBW33	720	960
220	340	-	90	-	3	3	984	1890	23044CAW33	940	1300
220	340	-	90	-	3	3	984	1890	23044CKW33	940	1300
220	400	-	144	-	4	4	2040	3750	23244CKW33	710	840
220	300	-	60	-	2.1	2.1	500	1200	23944MBW33	1500	1900
240	400	-	128	-	4	4	1080	2320	23148CAW33	750	890
240	440	-	160	-	4	4	2530	4300	23248CAW33	670	850
240	440	-	160	-	4	4	2530	4300	23248CAK	670	850
240	440	-	160	-	4	4	2530	4300	23248CAKW33	670	850
240	320	-	60	-	2.1	2.1	530	1310	23948MBW33	1300	1700
260	400	-	104	-	4	4	1470	2720	23052CAW33	760	1000
280	580	-	175	-	6	6	3150	4910	22356CK	530	710
280	460	-	146	-	5	5	2180	3920	23156MBW33	600	710
280	500	-	176	-	5	5	2850	4770	23256MB	560	670
280	500	-	176	-	5	5	2850	4770	23256MBKW33	560	670
280	500	-	176	-	5	5	2850	4770	23256CAKW33	560	670
280	380	-	75	-	2.1	2.1	700	1850	23956CKW33	1000	1400
280	420	-	140	-	4	4	1620	3700	24056CAW33	670	850
300	500	-	160	-	5	5	2560	4490	23160CAKW33	530	630



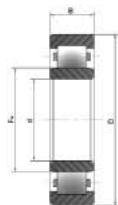
Spherical Roller Bearing

Dimensions(mm)					Basic load rating(kN)		Bearing Designation		Limiting Speed(rpm)		Weight(kg)	
d	D	T	B	C	R _{min}	F _{min}	Cr	Cor	Cone-Cup	Grease	Oil	
300	540	-	192	-	5	5	3350	5570	23260CAW33	500	600	195
300	420	-	90	-	3	3	1050	2500	23960MBW33	950	1300	40.1
300	460	-	160	-	4	4	2420	4850	24060CAW33	560	700	65.7
320	480	-	121	-	4	4	1890	3510	23064CAW33	530	630	78.5
320	540	-	176	-	5	5	3020	5390	23164SPLIT	500	600	190
320	540	-	176	-	5	5	3220	5390	23164MBKW33	500	600	165
320	580	-	208	-	5	5	3880	6520	23264CAW33	450	530	253
320	440	-	90	-	3	3	1330	2870	23964CAW33	630	840	43.0
320	440	-	90	-	3	3	1330	2870	23964MBW33	630	840	43.0
340	520	-	133	-	5	5	2270	4210	23068CAW33	500	600	114
340	580	-	190	-	5	5	3450	6100	23168CAW33	450	530	206
340	460	-	90	-	3	3	1200	2700	23968MBW33	900	1200	45.6
340	520	-	180	-	5	5	2460	5700	24068CAW33	530	670	137
340	580	-	243	-	5	5	3700	7950	24168CAW33	320	400	256
360	540	-	134	-	5	5	2360	1160	23072MBW33	450	530	126
360	600	-	192	-	5	5	3630	6550	23172CAW33	420	500	255
360	600	-	192	-	5	5	3630	6550	23172CAW33	420	500	221
360	650	-	232	-	6	6	4650	8300	23272MBW33	400	500	330
360	480	-	90	-	3	3	1290	2820	23972CAW33	850	1100	46.6
360	480	-	90	-	3	3	1290	2820	23972MBW33	850	1100	46.6
360	540	-	180	-	5	5	3010	6350	24072CAW33	500	630	148
380	520	-	106	-	4	4	1730	3800	23976MBW33	800	1000	69.5
400	650	-	200	-	6	6	4040	7580	23180CA	380	450	239
400	540	-	106	-	4	4	2540	3900	23980MBW33	750	950	72.4
400	540	-	106	-	4	4	2540	3900	23980CAW33	750	950	72.4
420	760	-	272	-	6	6	6400	11300	23284CAW33	320	400	550
420	560	-	106	-	5	5	1810	4000	23984CAW33	480	600	74.5
420	560	-	106	-	5	5	1810	4000	23984CAW33	480	600	77
440	650	-	157	-	6	6	3210	6410	23088CAW33	350	420	184
440	650	-	212	-	6	6	4150	9100	24088MW33	360	450	237
440	720	-	226	-	6	6	4480	9350	23188MBH40	330	400	420
460	620	-	118	-	4	4	2220	4900	23992CAW33	430	530	103
460	620	-	118	-	4	4	2220	4900	23992MBW33	430	530	103
460	830	-	296	-	7.5	7.5	6100	14400	24192CAW33	160	200	459
480	650	-	128	-	5	5	2390	5450	23996CAW33	430	530	126
500	720	-	167	-	6	6	3470	7650	230/500	380	480	228
500	720	-	167	-	6	6	3470	7650	230/500CAKW33	380	480	227
500	870	-	224	-	9.5	9.5	9750	39500	294/500	320	460	559
530	780	-	185	-	6	6	4290	9650	230/530K	340	430	328
530	710	-	136	-	5	5	2900	6700	239/530MW33	360	450	154
530	710	-	109	-	5	5	3356	16600	292/530	350	300	113
600	870	-	200	-	6	6	5170	11600	230/600	300	380	431
600	980	-	300	-	7.5	7.5	8900	18800	231/600	180	250	894



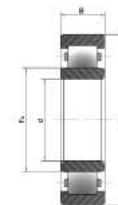
Spherical Roller Bearing

Dimensions(mm)					Basic load rating(kN)				Bearing Designation	Limiting Speed(rpm)	Weight(kg)
d	D	T	B	C	R _{min}	r _{min}	Cr	Cor	Cone-Cup	Grease	Oil
600	800	-	150	-	5	5	3260	8400	239/600CAW33	320	400
600	800	-	150	-	5	5	3260	8400	239/600KMW33	320	400
600	870	-	272	-	6	6	7690	15900	240/600	240	320
600	870	-	272	-	6	6	8100	16500	240/600CAW33	220	300
600	980	-	375	-	7.5	7.5	1000	21600	241/600	110	150
600	980	-	375	-	7.5	7.5	1000	21600	241/600CAW33	110	150
600	800	-	122	-	5	5	4050	21200	292/600	-	450
630	850	-	165	-	6	6	3550	9750	239/630	280	360
670	900	-	170	-	6	6	4400	10600	239/670K+8LeeveH39/670K	260	340
670	1090	-	412	-	7.5	7.5	14000	31500		241/670K	150
710	950	-	180	-	6	6	5000	12000	239/710K	240	310
750	1120	-	224	-	9	9	-	-	293/750	-	250
900	1180	-	206	-	6	6	6050	16400	239/900CAKW33	180	240
950	1250	-	224	-	7.5	7.5	7350	19000	239/950KFY	160	225
1060	1400	-	250	-	7.5	7.5	9350	25000	239/1060KMW33	145	170
1060	1400	-	250	-	7.5	7.5	9350	25000	239/1060KMB	145	170
1180	1540	-	272	-	7.5	7.5	10290	29600	239/1180CAKF	110	150
1180	1540	-	272	-	7.5	7.5	10290	29600	239/1180KMW33	110	150
1180	1540	-	375	-	7.5	7.5	13310	40000	249/1180CAK	110	150
1500	1820	-	315	-	7.5	7.5	12000	40000	248/1500K	65	83
1500	1820	-	315	-	7.5	7.5	12000	40000	248/1500KW33	65	83
1800	2180	-	375	-	9.5	9.5	17400	62800	248/1800CAK30W20	62	70
1800	2180	-	375	-	9.5	9.5	17400	62800		248/1800CAK30	62
1800	2180	-	375	-	9.5	9.5	17400	62800	248/1800CK30	62	70
150	250	60	20	29	2.1	2.1	735	2840	29330	-	1600
160	270	67	23	32	3	3	880	3400	29332	-	1400
160	270	67	23	32	3	3	880	3400	29332MA	-	1400
190	270	48	48	24	2	2	540	2300	29238F3	-	1800
200	280	48	15	24	2	2	550	2410	29240	-	1800
200	340	85	29	41	4	4	1350	5250	29340	-	1000
220	360	85	29	41	4	4	1410	5750	29344	-	1000
240	340	60	19	30	2.1	2.1	890	4000	29248	-	1300
280	520	145	52	68	6	6	3450	13500	29456	-	580
280	520	145	52	68	6	6	3450	13500	29456E	-	580
300	480	109	37	50	5	5	2310	10000	29360	-	720
300	480	109	37	50	5	5	2310	10000	29360E	-	720
300	540	145	52	70	6	6	4510	16460	29460EM	-	540
320	580	155	55	75	7.5	7.5	4050	16800	29464E	-	480
360	500	85	25	44	4	4	1550	7300	29272M	-	800
400	710	185	67	89	7.5	7.5	5850	25000	29480	-	360
400	710	185	67	89	7.5	7.5	5850	25000	29480E	-	360
440	600	95	30	49	5	5	2030	10100	29288M	-	670
460	710	150	51	72	6	6	4600	21700	29392	-	430



Cylindrical Roller Bearing

d	Dimensions(mm)				Bearing No.	Basic Load rating(kN)		Limiting Speed(rpm)		Weight(kg)
	D	B	r _{min}	r _{1min}		Cr	Cor	Grease	Oil	
120	215	40	2.1	2.1	N224	250	211	2400	3000	6.189
75	130	31	1.5	1.5	N2215M	155	205	4000	5000	1.64
190	340	55	4	4	NU238M	555	770	1800	2200	21.6
240	440	72	4	4	NU248M	935	1340	1300	1600	50.4
260	480	80	5	5	NU252	1140	1660	1300	1500	6.12
260	480	80	5	5	NU252M	1140	1660	1300	1500	6.12
280	500	80	5	5	NU256EM1A	1140	1680	1200	1400	71.5
300	540	85	5	5	NU260	1400	2070	1100	1300	88.9
320	580	92	5	5	NU264EM1	1600	2390	1000	1200	113
50	110	27	2	2	NU310M	87	86	5600	6700	1.17
110	240	50	3	3	NU322EM	450	525	2200	2800	11.1
140	300	62	4	4	NU328MP64	595	745	2000	2400	22.4
150	320	65	4	4	NU330M	760	920	1800	2200	27.1
170	360	72	4	4	NU334ECM	930	1150	1600	2000	37.9
80	125	22	1.1	1	NU1016M	72.5	90.5	5300	6300	0.969
150	225	35	2.1	1.5	NU1030M	202	294	2800	3400	4.77
170	260	42	2.1	2.1	NU1034M	287	415	2400	2800	7.91
240	360	56	3	3	NU1048	530	820	1600	2000	19.5
240	360	56	3	3	NU1048M	530	820	1600	2000	19.5
280	420	65	4	4	NU1056	660	1050	1400	1700	30.8
280	420	65	4	4	NU1056M	660	1050	1400	1700	30.8
320	480	74	4	4	NU1064MA	905	1470	1200	1400	46.1
340	520	82	5	5	NU1068	1080	1740	1100	1300	61.8
340	520	82	5	5	NU1068M	1080	1740	1100	1300	61.8
360	540	82	5	5	NU1072MA	1110	1830	1000	1300	64.6
380	560	82	5	5	NU1076M1A	1140	1910	1000	1200	67.5
440	650	94	6	6	NU1088M	1470	2530	800	1000	105
90	160	40	2	2	NU2218EM	242	315	3600	4300	3.48
130	230	64	3	3	NU2226EM	530	735	2400	3000	12.5
130	230	64	3	3	NU2226M	380	530	2400	3000	11.2



Cylindrical Roller Bearing

d	Dimensions(mm)				Bearing No.	Basic Load rating(kN)		Limiting Speed(rpm)		Weight(kg)
	D	B	r _{min}	r _{1min}		Cr	Cor	Grease	Oil	
130	230	64	3	3	NU2226	380	530	2400	3000	11.2
170	310	86	4	4	NU2234EM	970	1400	1900	2300	31.9
220	400	108	4	4	NU2244	1140	1810	1400	1700	61.8
140	300	102	4	4	NU2328M	920	1250	1800	2200	36.8
180	380	126	4	4	NU2336	1380	1990	1300	1700	73.1
55	100	21	1.5	1.1	NJ211E	86.5	98.5	5800	7100	0.083
170	310	52	4	4	NJ234	475	635	2000	2400	1.67
180	320	52	4	4	NJ236M	495	675	1900	2200	1.76
190	340	55	4	4	NJ238EM	695	955	1700	2000	2.11
200	360	58	4	4	NJ240M	620	865	1500	1800	2.59
220	400	65	4	4	NJ244M	760	1080	1500	1800	3.53
240	440	72	4	4	NJ248	935	1340	1400	1600	4.57
240	440	72	4	4	NJ248M	935	1340	1400	1600	4.57
260	480	80	5	5	NJ252	1140	1660	1300	1500	6.12
40	90	23	1.5	1.5	NJ308EM	83	81.5	6700	8000	0.084
110	240	50	3	3	NJ322EM	150	525	2200	2800	1.16
75	190	45	3	3	NJ415M	262	274	3400	4000	6.27
95	240	55	4	4	NJ419M	400	445	2600	3200	13.6
140	360	82	5	5	NJ428M	875	1020	1700	2000	46.4
110	170	28	2	1.1	NJ1022EM	131	174	3800	4500	2.27
150	225	35	2.1	1.5	NJ1030	202	294	2800	3400	4.77
150	225	35	2.1	1.5	NJ1030M	202	294	2800	3400	4.77
220	340	56	3	3	NJ1044	500	750	1800	2200	18.2
140	300	102	4	4	NJ2328M	1020	1380	1700	2200	37.7
140	300	102	4	4	NJ2328MW20	1020	1380	1700	2200	37.7
95	170	32	2.1	2.1	NUP219 ETV P2	220	265	3800	4500	3.17
90	160	40	2	2	NUP2218EM	242	315	3600	4300	3.11
85	150	28	2	2	NF217	120	140	4300	5000	1.87
100	180	34	2.1	2.1	NF220EM	183	217	3600	4300	3.36
110	200	38	2.1	2.1	NF222	229	272	3200	3800	4.64
170	260	67	2.1	-	NN3034	450	805	2200	2600	12.8



CLUTCH RELEASE BEARING



CLUTCH RELEASE BEARING

SKF REF.VKC	ORIGINAL BEF.	DIMENSION			APPLICATION
		d	D	h	
2901	088141165B	35	40/60	15	AUDI-VW
2601	012141165A	34.6	37/59.8	23.8	AUDI-VW
2601	01E141165A-C	34.6	37/59.8	23.8	AUDI-VW
3505	8-94379-441-0	38.1	48	16.5	ISUZU
3505	MD701125	38.1	48	16.5	DAIHATSU
3205	4293481	38.1	48	16.5	TOYOTA
3505	90363-38084	38.1	48	16.5	DAIHATSU
3578	31230-87702/3/4/5	28	44	22	DAIHATSU
-	3151093041	40	43.2/63.75	22.83	Paykan
2091	113141165B	34	37/52.4	14.5	AUDI-VW
3623	09269-28006	28.3	50	21.5	SUZUKI
3602	-	29.2	45	20.8	KIA
3515	41421-21000	32	48	22	HYUNDAI
3515	MD706180	32	48	22	DAIHATSU
3507	8540-16-510B	36	54	24.5	MAZDA
3507	H606-16-510	36	54	24.5	FORD
3507	03 369 878	36	54	24.5	OPEL
3555	30502-52A00/60	33.2	48	24	NISSAN
3592	MD703270	32	55	34	DAIHATSU
2516	-	24.3	34	18.5	PEUGEOT
2195	020141165B/H	-	33	19	AUDI-VW/SEAT
2195	GRB527	-	33	19	ROVER
3554	8-4101-243-0	36.9	48	20.15	ISUZU
3554	E301-16-510A	36.9	48	20.15	MAZDA
3560	30502-81N00	33.1	62	13	NISSAN
3560	30502-M8000	33.1	62	13	KIA
315	30502-52A60	33.1	48	13	NISSAN
3559	ME602710	37.2	58.5	31.7	DAIHATSU
3559	MD600576	37.2	58.5	31.7	HYUNDAI
3579	41421-43020	32	55	27	HYUNDAI
3579	MR195689	32	55	27	DAIHATSU
3584	31230-20160/70/90	35.75(36)	60	25.7	TOYOTA
-	BB12998550	28	44	22.35	-
3577	22810-PX5-J02	35.2	55	24.7	HONDA
3579	41421-43020	32	55	27	HYUNDAI
3579	MD719469/MR195689	32	55	27	DAIHATSU
3606	8-94377-417-1	41.8	62	19	ISUZU
3606	94379499	41.8	62	19	OPEL
3606	94379499	41.8	62	19	VAUXHALL
3574	8-94109-658-0	42.8	62	23.2	ISUZU
3564	09269-33001	33.1	50	22.3	DAIHATSU
3564	09269-33001	33.1	50	22.3	SUZUKI
3567	09269-28004	28	44	22.4	SUZUKI



CLUTCH RELEASE BEARING

SKF REF.VKC	ORIGINAL BEF.	DIMENSION			APPLICATION
		d	D	h	
3568	8531-16-510A	33	50	24.5	MAZDA
3568	E301-16-510	33	50	24.5	FORD
3556	31230-12040	33.1	50	21.5	TOYOTA
-	41421(20)-28000	32	48	23.2	HYUNDAI
3695	90251210	38	42.8/56.5	16.9	GM DAEWOO
3695	06 68 651	38	42.8/56.5	16.9	OPEL
3695	8732232	38	42.8/56.5	16.9	SAAB
3695	06 68 651	38	42.8/56.5	16.9	VAUXHALL
3615	31230-35070	35	50	30.6	TOYOTA
3615	J31 230 350 70	35	50	30.6	PORSCHE/VW/AUDI
3602	E8BZ-7548-A	29.2	47	21.4	FORD
3602	B301-15-510A	29.2	47	21.4	MAZDA
3602	OK2A1-16-510	29.2	47	21.4	KIA
2247	21081601180	26.2	35/56	18	LADA
2248	21011601180/2/5	26.2	41.3/70	28	LADA
2535	21081601180	25.75	33	20.7	LADA
-	30502-4E122	33.1	48	22.5	NISSAN
3612	30502-V6200	40	62	19	KIA
3500	30502-21000	40	62	19	NISSAN
3622	31230-12170	33.4	50	22	TOYOTA
3622	31230-12120	33.4	50	22	TOYOTA
3587	ME624678	47.1	68	48.7	MITSUBISHI
3565	30502-45P00	40	61	23	NISSAN
3565	30502-W1701	40	61	23	KIA
3556	31230-12040	33.1	50	22	TOYOTA
3625	31230-32060	35.3	60	25.2	TOYOTA
2241	02A141165A	31.5	39.8/54	22	VW/SKODA
2241	02A141165G	31.5	39.8/54	22	AUDI
-	-	24.3	35	20.5	-
2536	21101601180	25.5	34	20.9	LADA
3579	41421-43000/20	32	54	27	HYUNDAI
-	-	35.5	42/56.7	20.6	-
3621	8-97023-074-0	42	61	23	ISUZU
3600	-	36.05	53.5	24.5	-
3559	ME602710	37.2	58.5	31.7	MITSUBISHI
3559	ME602710	37.2	58.5	31.7	HYUNDAI
-	113 152 180	25.5	29.5	20.5	SKODA
-	-	26.1	45/70	28	-
2168	60805112	28.5	39.5	25.9	ALFA
2168	4305128	28.5	39.5	25.9	FIAT
2168	4409362	28.5	39.5	25.9	FIAT
2168	5888476	28.5	39.5	25.9	LANCIA
2168	SE022125316A	28.5	39.5	25.9	SEAT



CLUTCH RELEASE BEARING

SKF REF.VKC	ORIGINAL BEF.	DIMENSION			APPLICATION
		d	D	h	
2168	7681283	28.5	39.5	25.9	ZASTAVA
3565	30502-45P00	40	62	23.2	NISSAN
-	8-57089-652-0	40.2	60/78.4	31.3	ISUZU
2238	90251210	38.05	41/63.8	16.7	DAEWOO
2238	96181631	38.05	41/63.8	16.7	DAEWOO
2238	668651	38.05	41/63.8	16.7	OPEL
2238	90129951	38.05	41/63.8	16.7	OPEL
2238	90278884	38.05	41/63.8	16.7	OPEL
2238	8732232	38.05	41/63.8	16.7	SAAB
2238	8745762	38.05	41/63.8	16.7	SAAB
2213	388645	38.1	48	18.3	OPEL
2213	90112260	38.1	48	18.3	OPEL
2213	90129095	38.1	48	18.3	OPEL
2213	90129951	38.1	48	18.3	OPEL
2186	668635	35.3	48	19.5	BEDFORD
2186	90111364	35.3	48	19.5	BEDFORD
2186	668634	35.3	48	19.5	OPEL
2215	668650/90250658	35.2	39/65.4	19	OPEL
-	-	29.2	48	21	-
-	9621805280	26.8	30.7/38.55	47	FIAT
-	2041.55	26.8	30.7/38.55	47	PEUGEOT
-	96252260580	26.8	30.7/38.55	33	FIAT
3540	0727-16-5121304-16-510A	55	68	22	MAZDA
3610	30502-03E24	33.1	62	24	NISSAN
3610	30502-28E24	33.1	62	24	NISSAN
3581	30502-03E20	33.1	62	20	NISSAN
3581	30502-28E21	33.1	62	20	KIA
-	31230-36150	35.1	68	30	TOYOTA
2215	668652/90278910	35.3	40/63.6	19.5	OPEL
3600	FE62-16-510	36.3	54	24.5	FORD
3600	BP02-16-510	36.3	54	24.5	MAZDA
3600	OK011-16-510	36.3	54	24.5	KIA
-	41410-11000	32.3	48	21	HYUNDAI
-	MD706180	32.3	48	21	MITSUBISHI
3695	9006475	38.15	44.5/56.5	17	GM DAEWOO
3695	06 68 651	39.15	44.5/56.6	18	OPEL/SAAB
3644	31230-36160	38.2	68	33.8	TOYOTA
-	-	34.1	42.8/62	25	-
3556	31230-12140	33.1	50	22	TOYOTA
3649	31230-60150	38.2	68	37.6	TOYOTA
-	31230-60181	38.2	68	42.5	TOYOTA
2213	4304521	24.15	34.5	28.5	AUTOBIANCHI
2213	7683329	24.15	34.5	28.5	FIAT



CLUTCH RELEASE BEARING

SKF REF.VKC	ORIGINAL BEF.	DIMENSION			APPLICATION
		d	D	h	
2216	2041,60	24.3	34	20.5	CITROEN
2216	91537419	24.3	34	20.5	CITROEN
2216	9617860880	24.3	34	20.5	FIAT
2216	2041,40/2/5	24.3	34	20.5	PEUGEOT
2216	GRB90257	24.3	34	20.5	ROVER
2051	2041.30	33.2	39.5	24	PEUGEOT
2051	2041.14	33.2	39.5	24	PEUGEOT-TALBOT
2051	7940708649	33.2	39.5	24	PEUGEOT
2169	2041.43	33.2	39.5	24	PEUGEOT
2169	7940709765	33.2	39.5	24	PEUGEOT
2045	0002505215	34.1	43.2/63.7	25	MERCEDES
2045	3296487	35.1	43.2/63.8	26	MERCEDES
2080	0015796000	23.8	33	24	TALBOT
2080	7700519170	23.8	33	24	DACIA
2080	7701348231	23.8	33	24	DACIA-RENAULT
2080	2041.38	23.8	33	24	PEUGEOT
-	-	35.5	46.7/67	29	-
3616	-	35	50	33.7	TOYOTA
-	-	60	89	22	-
3527	-	65	101.8	22	-
-	03452-23001	-	-	-	MITSUBISHI
-	-	29	63	33.8	-
-	30502-90004	63.5	103	21.5	NISSAN
3509	09269-35003	35	57	14	AUTO, SUZUKI
-	0222-16-222	45	74	17.4	-
-	31242-1110	55	86	20	HINO
-	9-0095-011	55	87.5	19.5	ISUZU
3541	30502-90007	70	117	27	HINO,ISUZU
-	30502-52A60	40	63.6	14	-
3503/35	90363-33057	33	60	17	-
356	-	33	65.5	24.5	-
3505	31230-1020A	38.1	67	16.4	-
-	90363-40001	40	70	20	-
3506	02221-16-222	40	63.6	16	-
3501/35	90363-40022	40	67	20	TOYOTA,NISSAN,SUBARU
3500	30502-21000	70	74.5	19	NISSAN
3511	-	45	73.5	16	-
-	108201-16-222	45	74	18	-
3575	3050255100	52.4	97	20	TOYOTA,NISSAN
-	30502-Z5000	55	87	22	MITSUBISHI,NISSAN
-	09269-28006	-	-	-	SUZUKI
-	90363-52001	52.4	92	26.2	TOYOTA
-	406-1601180	-	-	-	GAZ



WHEEL BEARING



WHEEL BEARING

BEARING NO.	DIMENSION				SEAL	REMARKS	APPLICATION
	d	D	B	C			
DAC25520037	25	52	37	37	D	⊙	RENAULT, PEUGEOT, CITROEN
DAC25520043	25	52	43	43	D	⊙	RENAULT, PEUGEOT, CITROEN
DAC25550043	25	55	43	43	D	⊙	RENAULT
DAC28580042	28	58	42	42	A, D	⊙	CHANGHE
DAC28610042	28	61	42	42	E	⊙	TOYOTA
DAC30500020	30	50	20	20	D	⊙	-
DAC30540024	30	54	24	24	D	⊙	-
DAC30550030/25	30	55	30	25	E	⊙	-
DAC30600037	30	60	37	37	C, D	▲	FIAT, LADA, LANCIA, SEAT, VOLVO
DAC30600037	30	60.03	37	37	D	-	FIAT, LADA, LANCIA, SEAT, VOLVO
DAC30620032	30	62	32	32	D	-	-
DAC30640042	30	64	42	42	D	⊙	-
DAC32720045	32	72	45	45	E	-	-
DAC34620037	34	62	37	37	D	⊙▲	AUDI, VOLKSWAGEN, CHRYSLER
DAC34640037	34	64	37	37	A, C, D	⊙▲	LADA, OPEL, VOLKSWAGEN, BEDFORD
DAC34660037	34	66	37	37	C	⊙	OPEL, VAUXHALL, ACCORD (HONDA)
DAC35640037	35	64	37	37	C	⊙▲	XIALI, DAILHASTU
DAC35650035	35	65	35	35	A, B, D, F	⊙	RENAULT
DAC35660033	35	66	33	33	D	⊙	FIAT
DAC35660037	35	66	37	37	A, C	⊙	VOLKSWAGEN
DAC35680037	35	68	37	37	A, B, C	⊙	FIAT, LANCIA, SEAT, VOLVO, ZASTAVA
DAC35680233/30	35	68.02	33	30	E	⊙	NISSAN
DAC35720033	35	72	33	33	A, B	⊙	CITREON, PEUGEOT
DAC35720034	35	72	34	34	A, B	-	SUZUKI
DAC35720233/31	35	72.02	33	31	E	⊙	-
DAC36680033	36	68	33	33	D, E	-	SUZUKI
DAC37720037	37	72	37	37	A, B, C	⊙	FIAT, FORD, LANCIA, RENAULT, CHRYSLER
DAC37720237	37	72.02	37	37	A, B, C	⊙	-
DAC37720437	37	72.04	37	37	A, B, C	⊙	-
DAC37740045	37	74	45	45	D	⊙	BMW, OPEL, FORD
DAC38700037	38	70	37	37	A, B	⊙	-
DAC38700038	38	70	38	38	A, B	⊙	XIALI, CHARDE
DAC38710033/30	38	71	33	30	E	-	TOYOTA
DAC38710039	38	71	39	39	D	⊙	-
DAC38720040	38	72	40	40	D	⊙	HONDA
DAC38720236/33	37.99	72.02	36	33	E	-	HONDA, ROVER
DAC38730040	38	73	40	40	D	⊙	-
DAC38740036/33	38	74	36	33	E	⊙▲	TOYOTA, NISSAN
DAC38740236/33	37.99	74.02	36	33	E	-	TOYOTA
DAC38740050	38	74	50	50	D	⊙	NISSAN
DAC38740450	38	74.04	50	50	D	⊙	NISSAN
DAC39680037	39	68	37	37	A, C, D	⊙▲	VOLKSWAGEN, FORD, SANTANA, AUDI
DAC39680637	39	68.06	37	37	A, C, D	⊙▲	VOLKSWAGEN, FORD, AUDI
DAC39680737	39	68.07	37	37	A, C, D	⊙▲	VOLKSWAGEN, FORD, AUDI, CHRYSLER
DAC39720037	39	72	37	37	A, B, C	⊙	BMW, OPEL, FORD, BEDFORD, VAUXHALL

⊙ means with self-lock feature

▲ means with guide groove feature



WHEEL BEARING

BEARING NO.	DIMENSION				SEAL	REMARKS	APPLICATION
	d	D	B	C			
DAC39720637	39	72.06	3	37	A, B, C	⊙	BMW, OPEL, FORD, BEDFORD, VAUXHALL
DAC39740036/34	39.09	74	36	34	A	⊙	HYUNDAI
DAC39740039	39	74	39	39	D	⊙	OPEL, VAUXHALL
DAC39/41750037	39/41	75	37	37	B, D	⊙	AUDI, PASSAT B5
DAC40680042	40	68	42	42	C	⊙▲	-
DAC40720036/33	40	72	36	33	E	⊙	-
DAC40720037	40	72	37	37	A, B, C	⊙▲	VOLKSWAGEN, SEAT
DAC40740036	40	74	36	36	A, B	-	NISSAN
DAC40740036/34	40	74	36	34	E	-	MALAYSIA
DAC40740040	40	74	40	40	A, D	⊙▲	MAZDA
DAC40750037	40	75	37	37	D	-	FORD
DAC40760033/28	40	76	33	28	D	-	CHRYSLER, VOLKSWAGEN, ROVER
DAC40760033	40	76	33	33	D	⊙	-
DAC40760040/38	40	76	40	38	D	-	-
DAC40800034	40	80	34	34	D	⊙	-
DAC40800036/34	40	80	36	34	D	-	GM, MITSUBISHI, HYUNDAI
DAC41680040/35	41	68	40	35	E	⊙	-
DAC42720038	42	72	38	38	A, D	⊙	MAZDA, FORD
DAC42720038/35	42	72	38	35	E	⊙	NISSAN
DAC42750037	42	75	37	37	B, D	⊙	ALFA-ROMEO, AUDI, PROSSCHE, SAAB, BMW
DAC42760033	42	76	33	33	D	-	-
DAC42760038/35	42	76	38	35	D, E	⊙	NISSAN
DAC42760038	42	76	38	38	D	-	-
DAC42760039	42	76	39	39	D	-	CHRYSLER
DAC42760040/37	42	76	40	37	D	-	CHRYSLER
DAC42800036/34	42	80	36	34	D	⊙	HYUNDAI
DAC42800037	42	80	37	37	D	⊙	ALFA-ROMEO
DAC42800042	42	80	42	42	D	⊙	BMW, CHRYSLER
DAC42800042	42	80.03	42	42	D	-	BMW, CHRYSLER
DAC42800045	42	80	45	45	D	⊙	-
DAC42820036	42	82	36	36	A, B, D	⊙	CITREON, PEUGEOT, GM, FUKANG
DAC42820037	42	82	37	37	B, C, D	⊙	AUDI, MAZDA
DAC42840036	42	84	36	36	E	-	PEUGEOT 505, SIMCA, TALBOT
DAC42840039	42	84	39	39	A, D	-	RENAULT, PEUGEOT
DAC42840039	42	84.03	39	39	A	⊙	RENAULT, PEUGEOT
DAC43790041/38	43	79	41	38	D	-	-
DAC43/45820037	43/45	82	37	37	A, B, C, D	⊙	AUDI
DAC43/45850037	43/45	85	37	37	C	-	AUDI
DAC43820045	43	82	45	45	A	-	TOYOTA
DAC45800045	45	80	45	45	C, D	⊙▲	VW
DAC45840039	45	84	39	39	A, D	⊙	CITREON, PEUGEOT, VOLVO, MERCEDES-BENZ
DAC45840041/39	45	84	41	39	A	⊙	HYUNDAI
DAC45840042/40	45	84	42	40	A	⊙	HYUNDAI
DAC45880239	45	88.02	39	39	B	⊙	-
DAC49840048	49	84	48	48	D	⊙	FORD
DAC20420030/29	20	42	30	29	D	⊙	FIAT

⊙ means with self-lock feature

▲ means with guide groove feature



WHEEL BEARING

BEARING NO.	DIMENSION				SEAL	REMARKS	APPLICATION
	d	D	B	C			
DAC29530237	29	53	37	37	D	⊙	-
DAC30550032	30	55	32	32	D	⊙	-
DAC30580042	30	58	42	42	A	⊙	MAZDA
DAC30600037/34	30	60	37	34	E	-	-
DAC30600337/34	30	60	37	34	D	⊙	-
DAC30630042	30	63	42	42	D	⊙	-
DAC35618040	35	61.8	40	40	C	⊙	-
DAC35660032	35	66	32	32	D	⊙	-
DAC35720027	35	72	27	27	E	-	RENAULT, PEUGEOT, CITROEN
DAC35720028	35	72	28	28	E	-	PEUGEOT, CITROEN
DAC36640042	36	64	42	42	A	⊙	-
DAC36720534	36	72.05	34	34	E	-	CHRYSLER, HONDA
DAC37720033	37	72	33	33	B	⊙	PEUGEOT, CITROEN
DAC38640336/33	38	64.03	36	33	E	-	-
DAC39740034	39	74	34	34	A	⊙	-
DAC40760041/38	40	76	41	38	D	-	HONDA, ROVER
DAC40740042	40	74	42	42	A	⊙	-
DAC408000302	40	80	30.2	30.2	E	-	PEUGEOT, SIMCA, TALBOT
DAC40800031	40	80	31	31	D	-	PEUGEOT, SIMCA
DAC41.7*820043	41.7	82	43	43	C	-	-
DAC43760043	43	76	43	43	A	-	HYUNDAI
DAC43800038	43	80	38	38	D	⊙	V.A.G., FORD
DAC43770042/38	43	77	42	38	E	⊙	-
DAC43850050/45	43	80	50	45	E	-	-
DAC47850045	47	85	45	45	A	⊙	-
DAC49840043	49	84	43	43	D	⊙	MERCEDES-BENZ
DAC458500302	45	85	30.2	30.2	D	⊙	FORD
DAC38720434	38	72.04	34	34	E	-	-
DAC401100017/38	40	110	38	17	D	-	-
DAC401080017/32	40	108	32	17	F	⊙	RENAULT
DAC356180040	35	61.8	40	40	C	⊙	-
DAC408402538	40	84.025	38	38	A	▲	RENAULT
DAC25680043	25	68	43	43	A	⊙	-
DAC28560039/29	25	56	39	29	E	⊙	-
DAC48860042/40	48	86	42	40	D	⊙	MERCEDES-BENZ
DAC28520031	28	52	31	31	D	⊙	-
DAC28620047/35	28	62	47	35	A	⊙	-
DAC40720041.5/37	40	72	41.5	37	C	⊙▲	-
DAC25520042	25	52	42	42	D	⊙	-
DAC38650352/48	38	65.03	52	43	E	⊙	-
DAC37720047	37	72	47	47	D	⊙	-
DAC50.4820034/30	50.4	82	34	30	A	⊙	-
DAC49880046	49	88	46	46	A	⊙	MERCEDES-BENZ
DAC42780541/38	42	78.05	41	38	D	⊙	-
DAC30650044/35	30	65	44	35	D	⊙	-

⊙ means with self-lock feature

▲ means with guide groove feature



HUB UNIT



Hub Unit Generation I

Model No.	Boundary Dimension										Flanges	
	D	E	Q	T	C	H	K	L	M	N	P	J Bolts Spec. Qty
513075	75.5	37.3	17.5	112	86.2	27	49.5	56.7	60.7	100	126	14.7 M12×1.5 5
513013	92.4	47.24	18.3	120.7	80.7	32	59.3	70.08	70.6	120.6	144.3	17 M12×1.5 5
513011	84.17	41.96	17.45	102	70.99	25.4	49.21	57.02	57.73	100	125.5	18.2 M12×1.5 5
513017	81.1	44.3	17.55	98.42	73.4	25.4	49.2	57.02	58.32	100	125.4	13 M12×1.5 5
513016	85.28	41.78	20.5	116	89.95	27.94	59.4	70.15	70.63	115	146.1	17.5 M12×1.5 5
513018	105.6	65	20	100	71.7	-	46	70	70.5	115.3	138	16 M12×1.5 5
513084	87.5	54.1	12	120.65	100	27.94	54	71.4	71.9	114.3	154	16.25 1/2-20VNF 5
518500	-	-	16.8	-	-	38	49.8	56.79	60.83	100	122	11.5 M12×1.5 4
518501	-	-	17.64	-	-	34	49.78	56	56.79	100	126	14.6 M12×1.5 4
518502	-	-	16.88	-	-	38	49.78	56.79	-	100	125.9	13.6 M12×1.5 4
513074	-	-	16.16	86	84	29.59	62	70.358	71.25	114.3	139.3	13.28 12.24 5
513013N	-	-	19.81	120.6	80.64	32.54	58.72	70.1	70.61	117.5	144.5	17.14 14.41 5
513074-58	-	-	16.18	85.98	83.82	29.59	61.98	70.36	71.25	114.3	139.3	13.28 12.24 5
513075-57	-	-	17.91	-	-	29.59	45.5	56.0	56.75	100	127	13 14.5 5
T513075	-	-	17.4	112	87	29.85	49.78	59.79	-	100	125.9	14.48 14.5 5
513089	-	-	20	116	90.14	39.62	59.7	70.1	70.6	116	146	15.24 12 5
513059	-	-	20	116	91.3	41.9	59.7	70.1	70.6	116	145.5	23.52 12.3 5
513089E	109.5	42.1	20	116	91.3	-	59.7	70.1	71.4	114	146	23.05 14.3 5
513004K	99.7	44	16.4	98	73.45	29.3	49.7	57.02	58.32	100	125.41	15.5 M12×1.5 5
F052	110.05	47.24	18.3	120.7	80.7	32	59.3	70.08	70.6	120.65	144.3	17.1 M12×1.5 5
513123	72.9	-	16.51	-	-	29.85	61.9	70.41	71.323	114.3	139.32	13.2 14.5 5
513122	73.79	-	17.4	-	-	29.85	49.78	56.794	60.833	100	125.9	14.478 14.5 5
512000	73.99	-	13	-	-	35.5	55	63.37	63.49	107.95	139.32	18.32 M12×1.5 4
513061E	74.7	47.24	18.3	120.7	80.7	32	59.3	70.08	70.6	120.6	144.3	17 M12×1.5 5

Hub Unit Generation II

Model No.	Boundary Dimension										Flanges		
	D	F	B	T	E	G	M	K	H	I	J	Bolts Spec.	Qty
512025	27	124.5	47	68.2	59	100	52	62.6	15	53.2	9	M12×1.25	4
27BWK04J	27	134	50	67.5	59	100	52	64	15	52.5	9	M12×1.25	4
35016	28	120	40	55.5	60	100	47	63	6	49.5	9	M12×1.25	4
DAC1050B	28	125.5	48	70.5	56	100	49.7	63.8	14	56.5	10	M12×1.5	4
513035	28	134	40	61	56	100	51	62.5	11.5	49.5	9	M12×1.5	4
HUB065-15	28	134	40	67.5	60	114.3	51	63	18	49.5	9	M12×1.25	4
350296	28	134	40	67.5	60	114.3	51	63	18	49.5	9	M12×1.25	4
52710-29XXX	28	139	38	64.5	66.9	114.3	57.8	66.94	14	50.5	9	M12×1.5	4
3154229	28	139	38	64.5	66.9	114.3	57.7	70	14	50.5	9	M12×1.5	4
52710-25000	28	140	38	64.5	54	100	47.8	80.1	14	50.5	10	M12×1.5	4
28BWK06	28	141	50.4	71	56	100	48	66.6	14	57	9	M12×1.5	4
28BWK12	28	-	42	51.89	-	97	60.94	65	-	-	7.63	10.5	4
800179	30	120	37	63.7	57	100	52	69.5	19	42.7	10.8	M12×1.5	4
DACF1041ABS	30	122	47	69.5	54	100	48	82.6	13.3	56.2	8	M12×1.5	4
W5030	30	-	50	54	66	90	58.3	68	10	44	10	M10×1.25	4
DACF03ABS	31	120	40	61	57	100	50.4	82.3	19	42	12.5	M12×1.5	4
ZAL3B	32	139	45	67	66.9	114.3	57.4	73.9	14	53	9	M12×1.5	4
BAF0026	35	135.7	45	68.3	65	108	53.4	118.2	19.1	49.2	12	M12×1.5	5
DACF06ABS	37	139	45	64	78.9	120	66	91	19	45	11	M12×1.5	5
W4340	40	-	43	43	84	106	-	84	16.4	26.6	10	M12×1.25	4
513098	43	101.8	44	52.7	79.9	102	-	83	-	-	-	M12×1.25	4
1125	45	-	53	53	78	97.5	-	76.1	13	40	16	10.85	5

Hub Unit Generation II

Model No.	Boundary Dimension										Flanges		
	D	F	B	T	E	G	M	K	H	I	J	Bolts Spec.	Qty4
HUB184	27	134	50	67.5	58.9	100	52	64.05	15	52.5	9	1/2-20	4
28BWK16	28	120	40	55.5	60	100	-	66	6	49.5	9	M12×1.5	4
HUB008	28	134	40	60	56	100	51	-	11.5	49.5	8.5	M12×1.25	4
Qh592	28	134	40	60.8	56	100	51	62.3	11.3	49.5	8	M12×1.5	4
W4028	28	134	40	63.5	60	114	51	63	20	43.5	9	M12×1.5	4
WHH18	28	139	38	64.51	66.9	114.4	57.5	63.2	14.3	56.48	9	14	4
513030	30	120	47	69.5	54	100	48	68.5	13.5	56	8	M12×1.5	5
Qh1001	30	120	52	70.5	59	98	52	73.6	15.8	54.7	14	M12×1.5	4
HUB053	30	122	47	69.3	55	100	48	65	13.3	56	9	M12×1.5	4
HUB005	30	135	40.88	66.34	56	102	51.05	65.96	11.6	46	7.95	M12×1.5	4
HUB005-39	30	135	40.88	66.34	56	102	51.05	65.96	11.6	46	7.95	M12×1.5	4
HUB005-64	30	135	50	66.34	56	102	51.05	65.96	11.6	46	7.95	M12×1.5	4
DACF1085	30	140	40.88	72	67	114.3	59	68.9	15.5	56.5	9	14	4
HUB059	31.76	108	52	72	63	108	57.8	74.9	18	72	11	M12×1.5	4
444450E	32	128	34	58	64.94	107.74	60	81	16	42	12.4	M12×1.25	4
HUB066	33	139.5	51	63.5	66.9	114.5	58	70.9	14.5	59	11.35	M12×1.5	4
Qh679	24.96	128	34	58	64.94	107.74	60	81	16	42	12.4	M12×1.5	5
Qh603	35	136.4	45	74	65	109.9	57	80.8	25	49	12	M12×1.5	4
Qh860	35	136	42	70.2	63.6	108	56.2	74	18.2	51.5	9.8	M12×1.5	4
Qh862	35	136	42	70.2	63.6	108	56.2	74	18.2	51.5	9.8	M12×1.5	5
36BWK02	36	139.9	62	77	67	114	60	84.5	18.8	58.2	10	M12×1.5	4
513014	37	151.3	52	73	70.5	114.3	64	78	21	52	10	M12×1.5	4
580494	4	123.8	41	41	90	106	-	91.5	3.8	37.2	10.5	M10×1.0	

Hub Unit Generation III

Model No.	Boundary Dimension											Flanges			
	P	D	E	Q	T	F	G	H	J	K	L	M	N	Bolts Spec.	Qty
801344D	131	148.3	70.15	20.5	95	-	-	-	18.5	51	57	68	112	M14×1.5	5
AC3ND	135.05	80.8	67.3	13.5	93	-	74	-	10	47.3	54	55	100	M12×1.5	4
574566	135.6	82.1	43	19	102.8	108	83.4	26.5	20.8	57.25	65	68	108	M12×1.75	5
DACF1177	140	100	75	13.7	97.1	-	-	-	-	-	54	55	100	M12×1.5	4
513087	145.5	89	41.5	20.5	116	-	89.8	34.29	23.5	59	70.1	70.6	115	M12×1.5	5
513121	145.5	89	41.5	20.5	116	-	89.8	34.29	23.5	59	70.1	70.6	115	M12×1.5	5
YGHUB02	146.4	93	47	20	120.6	-	89	-	-	-	70.2	70.6	120	M12×1.5	5
HYUWDAZ	148	113	59	14	100	-	66	-	-	-	66.9	75.9	114.3	M12×1.5	4
HUB01	180	105.8	49.6	21.4	126	-	99.3	-	-	-	77.8	78.4	140	M14×1.5	6
D3-8	125	80.01	44	17.5	98	89.9	72.38	29.1	13.5	42	57	58.32	100	M12×1.5	5
Qh978	135.6	76.75	42.81	18.92	108	104.7	81.7	25	16.8	56.3	64.3	67.92	108	M12×1.75	4
Qh861	136	127	63.15	19.77	112	86	83	25.7	28.5	55.8	63.2	63.5	107.5	M12×1.5	4
Qh876	136	140	77.67	22	84	81.6	67.2	-	-	-	-	56.5	99.6		
Qh877	136	100.5	77.9	22.6	84	81.6	67.2	-	-	-	-	56.5	99.6	M12×1.5	4
512001	138	156.8	65	12	-	88.7	61	-	-	-	57	58	100	M12×1.5	5
513012	138	126.3	64.82	12	88	85	61	-	-	-	57	57.5	100	M12×1.5	5
512000	138	126.3	64.82	12	88	85	61	-	-	-	57	57.5	100	M12×1.5	5
D3	139	73.9	51.1	19	106	-	85	-	-	-	74	79	120		
D3-7	145.4	62	41.94	20	109.8	73.5	-	38.8	14.7	52	70.1	70.6	116	M12×1.5	5
Qh559335	153.5	66	54	12	120.65	130.5	91.8	30	17	61	71.42	71.88	114.3	1/2-20	5
513121E	145.6	89	41.5	20.5	116	-	77.5	34.29	23.5	59	70.1	70.6	116	M12×1.5	5
513124	145.5	92	47	20	120	123.7	81.8	28	17	62.7	70.1	70.6	120	M12×1.5	5
WHUA	148	123.5	59	13.5	100	123	65.9	-	-	-	66.9	75.9	114.3	M12×1.5	4



WHEEL BEARING KIT



WHEEL BEARING KIT

SKF REF.													
VKBA504	G	2	1										
VKBA523	G	2	1										
VKBA528	G	2	1										
VKBA529	G	2	1										
VKBA529A	G	2	1	1									
VKBA540	G	2	1	1									
VKBA541	G	2	1	1									
VKBA542	G	2	1										
VKBA542A	G	2	1										
VKBA542B	G	2	1										
VKBA559	D	1		2									
VKBA559A	D	1	1	1									
VKBA575	D	1		4									
VKBA575A	D	1		3									
VKBA577	D	1		4									
VKBA593	D	1		3									
VKBA596	G	2	1										
VKBA612	D	1	2	1									
VKBA613	D	1		1									
VKBA636	A	2		1									
VKBA652	G	2	1										
VKBA654	G	2	1										
VKBA663	D	1											
VKBA678	D	1	2										
VKBA687	G	2	2	1									
VKBA713	G	2	1										
VKBA728	G	2	1	1									
VKBA736	D	1											
VKBA746	G	2	1	1									
VKBA741	G	2	1	1									
VKBA743	E	1		1									
VKBA749	G	2	2										
VKBA756	G	2	1										
VKBA757	D	1		1									
VKBA802	G	2	1										
VKBA869	D	1	1										
VKBA882	D	1	1										
VKBA899	D	1		1									
VKBA904	G	2	1	1									
VKBA906	D	1		1									
VKBA909	D	1		1									
VKBA910	A+G	2	2										
VKBA912	G	2	1	1									
VKBA915	D	1		1									
VKBA926	G	2	1	2									
VKBA941	G	2	1										

A: Deep Groove Ball Bearing D: Wheel Bearing E: Hub Unit G: Tapered Roller Bearing



WHEEL BEARING KIT

SKF REF.											
VKBA944	G	2	1			1					
VKBA949	G	2	2			1					
VKBA961	D	1	1	1							
VKBA962	D	1		1		1					
VKBA966	E	1		1							
VKBA967	E	1		1							
VKBA969	D	1		1		1					
VKBA973	A	1	1								
VKBA975	D	1		1							
VKBA976	D	1		1		1					
VKBA1301	E	1		1							
VKBA1306	D	1		1		2					
VKBA1307	D	1		1							
VKBA1308	D	1		1							
VKBA1318	D	1				1			2		
VKBA1324	G	2	2								
VKBA1325	A	1	1								
VKBA1326	D	1				1			1		
VKBA1327	D	1		1		1					
VKBA1333	G	2	1								
VKBA1336	D	1				1					
VKBA1347	D	1		1		1					
VKBA1355	D	1				1			2		
VKBA1356	D	1				1			2		
VKBA1358	D	1		5		1			2		
VKBA1366	G	2	2						1		
VKBA1410	D	1	2	2		1					
VKBA1413	D	1		1						1	
VKBA1431	G	2		1							
VKBA1432	D	1		1		1					
VKBA1433	G	2	1								
VKBA1444	G	2	2	1							
VKBA1465	G	2	1						1		
VKBA1470	G	1	2						1		
VKBA1480	D	1				2					
VKBA1491	D	1		3		1			1		
VKBA1498	G	2	1						1		
VKBA1950	D	1	1	1		1					
VKBA3255	G	2	1						1		
VKBA3403	D	1				1			1		
VKBA3404	G	2	2	1					1		
VKBA3406	D	1		3		3			1		
VKBA3408	D	1		1							
VKBA3410	D	1				2			1		
VKBA3411	D	1		1		2					
VKBA3455	D	1		1		1					
VKBA3596	D	1		1		y			1		

A: Deep Groove Ball Bearing D:Wheel Bearing E:Hub Unit G:Tapered Roller Bearing



TENSIONER BEARING



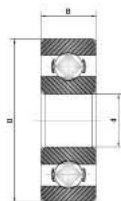
TENSIONER BEARING

SKF REF. VKM	ORIGINAL REF.	APPLICATION	SKF REF. VKM	ORIGINAL REF.	APPLICATION
77300	135050-87702	DAIHATSU	75044	23357-33120	HYUNDAI
18200	21051006124	LADA	75044	24410-35010	HYUNDAI
12101	60805833	ALFA/FIAT-LANCIA	75044	MD11576	DAEWOO
16000	7700736085	RENAULT	84201	B660-12-730A	FORD/MAZDA
13110	97535002	CITROEN	84201	OK660-12-730C	KIA
13201	0829.19	CITROEN-PEUGEOT	-	1H5B60299	OPEL
13201	9605266280	FIAT	-	028145278A	AUDI
12005	60800148	ALFA	-	028145278E	AUDI
12005	5956109	FIAT-LANCIA	-	028145278F	SKODA
12227	7541718	FIAT-LANCIA	14301	61211753	FORD
12151	7553564	FIAT	-	OK9BB-12-790	KIA
22151	7553565	FIAT	-	OK9BB-12-780	KIA
12380	4740846	FIAT-IVECO	81004	13503-63010	TOYOTA
12380	5001001259	RENAULT	81004	13503-63021	TOYOTA
22380	4740847	FIAT-IVECO	81004	13503-70040	TOYOTA
22380	5001001272	RENAULT	81004	13503-88360	TOYOTA
22163	60811488	ALFA/FIAT	71003	13505-74010	TOYOTA
22153	60811487	ALFA/FIAT	71003	13505-74021	TOYOTA
22242	46554826	FIAT	-	OK9BB-12-730	KIA
72000	13070-01M00	NISSAN	74600	FE1H-12-700A	FORD/MAZDA
85000	24810-33021	HYUNDAI	74600	OK972-12-700A	KIA
85000	MD192731	DAEWOO	26102	7700735849	RENAULT
75144	24410-32553	HYUNDAI	-	24410-02510	HYUNDAI
75144	24450-33010	HYUNDAI	12163	5992517	FIAT
75144	MD129355	DAEWOO	16112	7700736419	RENAULT
-	24450-38010	HYUNDAI	15202	636726.00	OPEL/RENAULT
12003	4386575	FIAT-LANCIA	16001	770027327	RENAULT
71100	13050-60411/21	TOYOTA	81201	13503-10011/21	TOYOTA
81100	13503-64010	TOYOTA	71201	13505-11011/20	TOYOTA
75612	24317-42000	HYUNDAI	75101	MD008965	DAEWOO
75612	MD050125	DAEWOO	71202	13505-15041	TOYOTA
75601	23357-42000/10/20	HYUNDAI	71202	13505-15040	TOYOTA
75601	MD050135	DAEWOO	71202	13505-01010/11	TOYOTA
79001	8-94215-197-0	ISUZU	21032	074109243	AUDI
79001	94215197	OPEL	22510	60504226	ALFA
32009	60812645	ALFA	12500	60504224	ALFA
32009	7797142	FIAT	12501	60504225	ALFA
76103	12810-73002	SUZUKI	12200	5972277	FIAT
13044	2112-1006120	LADA	12200	95619217	CITROEN
13045	2112-1006135-01	LADA	12200	0829.17	PEUGEOT
23244	9400830319	FIAT-LANCIA	-	46440604	FIAT
13244	0829.62	CITROEN-PEUGEOT	16101	-	-
13244	9400829629	FIAT-LANCIA	-	7700102931	RENAULT
22174	7763644	FIAT-LANCIA	-	1340533	OPEL
23120	9400830379	FIAT	-	9057177558	OPEL



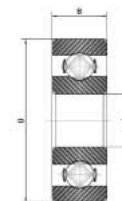
TENSIONER BEARING

SKF REF. VKM	ORIGINAL REF.	APPLICATION	SKF REF. VKM	ORIGINAL REF.	APPLICATION
23120	0830.14	CITROEN-PEUGEOT	15214	636739	OPEL
23120	100080	ROVER	73011	13404-PTO-003/4	HONDA
13200	91508328	CITROEN	73600	14510-PTO-003	HONDA
13200	0829.12	CITROEN-PEUGEOT	15402	636727	OPEL
21052	078109244F/C	AUDI	23241	0830.13	CITROEN-PEUGEOT
21031	069109243B	AUDI	23241	9615923380	FIAT
21031	1257120	VOLVO	13241	0829.33	CITROEN-PEUGEOT
-	074109243F	AUDI	13241	9617188680	FIAT
11201	078109243K	AUDI	75001	MD146186	DAEWOO
11200	078109243C	AUDI	-	F5RZ-6K-254A	FORD
11000	026109243E	AUDI-SEAT-VW	75004	24410-35060	HYUNDAI
11010	068109243E	AUDI-SEAT-VW	75004	24410-35060	HYUNDAI
16110	7700696986	RENAULT	75130	24410-32020	HYUNDAI
16110	3342102-5	VOLVO	75130	MD011536	DAEWOO
16110	3287778.9	VOLVO	12174	7778565	FIAT
12100	4385583	FIAT-LANCIA	14000	1496915	CONSOLE,FIESTA
11014	028 109 143E	AUDI-SEAT-VW	14100	7330712	COURIER,ESCORT
11014	028 109 143E	SKODA	14105	1005516	COURIER,ESCORT
11014	028 109 143E	VOLVO	14201	6182891	ESCORT,FIESTA
11072	074 109 243G	AUDI/VW	14210	6635941	FORD
11072	9186258	VOLVO	15121	5636722	ASTRA,BELMONT
11106	030109243C	SKODA/VW	15202	5636738	ASTRA,CALIBRA
75006	24410-22000/20	HYUNDAI	24100	1005823	COURIER,ESCORT
75006	24410-26000	HYUNDAI	24107	1040677	ESCORT,FIESTA
13046	2108-1006120	LADA	25150	5636427	OPEL
38001	60112000970	MERCEDES	25152	5636426	OPEL
13050	5495830	FIAT	25200	636421	ASCONA,ASTRA
13050	0818.17	CITROEN-PEUGEOT	25201	636422	ASCONA,ASTRA
16101	7700726440	RENAULT	25202	5636424	CALIBRA,CAVALIER
16101	3343740.1	VOLVO	25208	636730	ASTRA,CORSA
11113	06A109479A	VW	25213	636416	ASTRA,CALIBRA
71007	13505-15050	TOYOTA	26114	7700875307	RENAULT
71002	13505-54020/21	TOYOTA	28000	11311721264	-
26101	7700735486	RENAULT	28001	11311708806	-
26101	3343741.9	VOLVO	31004	028145278E	AUDI,VOLKSWAGEN
75008	MD128765	MITSUBISHI	31007	074145278E	VOLKSWAGEN
75033	24410-32000/10	HYUNDAI	38002	6012001270	-
75033	MD011536	MITSUBISHI	38003	11281748130	-
25212	90530126	DAEWOO	38004	11281748131	-
25212	636415	OPEL	38012	6012000770	-
25212	5636425	ASTRA,CALIBRA	74501	1257120	FORD,MAZDA,BONGO
74200	B630-12-700C	FORD	-	11281245166	-
74200	KK150-12-700A/B/C	KIA/MAZDA	-	046130195B	AUDI
74201	B660-12-700B/C/D	FORD/MAZDA	-	053903341	AUDI
74201	OK937-12-700A	KIA	-	-	-



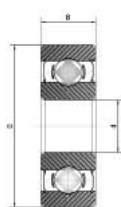
Deep Groove Ball Bearing

Dimensions(mm)			Basic Load rating(kN)		Bearing No.		Limiting Speed(rpm)		Weight(kg)
d	D	B	R(min)	r(min)	Cr	Cor	Grease	Oil	
10	26	8	0.3	0.3	4.55	1.95	6000	31000	0.019
10	30	9	0.6	0.6	5.10	2.40	6200	24000	0.032
10	35	11	0.6	0.6	8.10	3.45	6300	22000	0.053
12	28	8	0.3	0.3	5.10	2.40	6001	27000	0.022
12	32	10	0.6	0.6	6.80	3.05	6201	22000	0.037
12	37	12	1	1	9.70	4.20	6301	20000	0.060
15	32	9	0.3	0.3	5.60	2.85	6002	23000	0.030
15	35	11	0.6	0.6	7.65	3.75	6202	20000	0.045
15	42	13	1	1	11.4	5.45	6302	17000	0.082
17	35	10	0.3	0.3	6.00	3.25	6003	21000	0.039
17	40	12	0.6	0.6	9.55	4.80	6203	17000	0.065
17	47	14	1	1	13.6	6.65	6303	15000	0.115
20	42	12	0.6	0.6	9.40	5.05	6004	17000	0.106
20	47	14	1	1	12.8	6.65	6204	15000	0.106
20	52	15	1.1	1.1	15.9	7.85	6304	14000	0.144
25	47	12	0.6	0.6	10.1	5.85	6005	15000	0.080
25	52	15	1	1	14.0	7.85	6205	13000	0.128
25	62	17	1.1	1.1	20.6	11.3	6305	10000	0.232
25	80	21	1.5	1.5	36.1	19.4	6405	9100	0.530
30	55	13	1	1	13.2	8.25	6006	13000	0.116
30	62	16	1	1	19.5	11.3	6206	11000	0.199
30	72	19	1.1	1.1	26.7	15.0	6306	9600	0.346
30	90	23	1.5	1.5	43.4	23.9	6406	8100	0.735
35	62	14	1	1	15.9	10.3	6007	11000	0.155
35	72	17	1.1	1.1	25.7	15.4	6207	9200	0.288
35	80	21	1.5	1.5	33.4	19.3	6307	8500	0.457
35	100	25	1.5	1.5	55.0	31.0	6407	7200	0.952
40	68	15	1	1	16.7	11.5	6008	10000	0.192
40	80	18	1.1	1.1	29.1	17.8	6208	8300	0.366
40	90	23	1.5	1.5	40.7	24.0	6308	7700	0.633
40	110	27	2	2	63.7	36.6	6408	6600	1.23
45	75	16	1	1	21.0	15.1	6009	9200	0.245
45	85	19	1.1	1.1	32.7	20.3	6209	7700	0.407
45	100	25	1.5	1.5	48.9	29.5	6309	6800	0.833
45	120	29	2	2	77.2	45.1	6409	6000	1.53
50	80	16	1	1	21.8	16.6	6010	8400	0.261
50	90	20	1.1	1.1	35.1	23.3	6210	7100	0.463
50	110	27	2	2	62.0	38.3	6310	6100	1.07
50	130	31	2.1	2.1	83.0	49.5	6410	5500	1.88
55	90	18	1.1	1.1	28.3	21.2	6011	7600	0.385
55	100	21	1.5	1.5	43.4	29.4	6211	6300	0.607
55	120	29	2	2	71.6	45.0	6311	5600	1.37
55	120	29	2	2	55	45	6311P6	5600	1.39



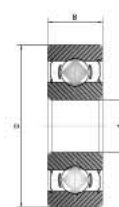
Deep Groove Ball Bearing

Dimensions(mm)			Basic Load rating(kN)		Bearing No.		Limiting Speed(rpm)		Weight(kg)
d	D	B	R(min)	r(min)	Cr	Cor	Grease	Oil	
55	140	33	2.1	2.1	100	62.3	6411	5000	2.29
60	95	18	1.1	1.1	29.4	23.2	6012	7100	0.415
60	110	22	1.5	1.5	52.4	36.2	6212	5700	0.783
60	130	31	2.1	2.1	81.9	52.2	6312	5200	1.70
60	150	35	2.1	2.1	110	70.8	6412	4600	2.77
65	100	18	1.1	1.1	30.5	25.2	6013	6600	0.435
65	120	23	1.5	1.5	57.2	40.1	6213	5600	0.990
65	140	33	2.1	2.1	92.7	59.9	6313	4800	2.08
65	160	37	2.1	2.1	118	78.5	6413	4500	3.25
70	125	24	1.5	1.5	62.2	44.1	6214	5100	1.07
70	150	35	2.1	2.1	104	68.2	6314	4500	2.52
75	130	25	1.5	1.5	67.4	48.3	6215	4800	1.18
75	160	37	2.1	2.1	113	77.2	6315	4200	3.02
80	200	48	3	3	164	125	6416	3400	6.63
90	160	30	2	2	73.5	72	6218	3800	2.19
100	180	34	2.1	2.1	94	93	6220	3400	4.00
100	250	58	4	4	224	95	6420	2600	12.8
105	225	49	3	3	184	153	6321M	2800	8.44
110	240	50	3	3	158	176	6322M	2400	3000
120	215	40	2.1	2.1	120	131	6224	2800	3400
120	215	40	2.1	2.1	120	131	6224M	2800	3400
120	260	55	3	3	175	207	6324M	2200	2800
130	230	40	3	3	127	148	6226	2600	3200
130	280	58	4	4	193	239	6326	2200	2600
130	280	58	4	4	230	216	6326M	2200	2600
140	250	42	3	3	128	150	6228	24000	3000
140	300	62	4	4	253	246	6328M	2000	2600
150	320	65	4	4	277	280	6330M	1800	2200
150	225	35	2.1	2.1	101	125	6030	2600	3200
160	290	48	3	3	154	201	6232M	1900	2400
170	260	42	2.1	2.1	131	171	6034	2200	2800
170	310	52	4	4	175	240	6234M	1900	2400
190	340	55	4	4	205	300	6238M	1700	2000
200	310	51	2.1	2.1	171	245	6040	1900	2400
240	360	56	3	3	255	315	6048M	1700	2000
260	400	65	4	4	294	375	6052M	1500	1800
280	420	65	4	4	3.5	405	6056M	1400	1700
280	420	65	4	4	3.5	405	6056	1400	1700
500	620	56	-	-	-	-	618/500M	-	-
1060	1280	100	-	-	-	-	618/1060	-	-



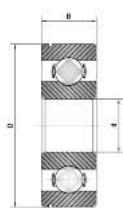
Deep Groove Ball Bearing

Dimensions(mm)				Basic Load rating(kN)		Bearing No.	Limiting Speed(rpm)		Weight(kg)
d	D	B	R(min)	r(min)	Cr		Grease	Oil	
10	26	8	0.3	0.3	4.55	1.95	6000 ZZ	31000	0.019
10	26	8	0.3	0.3	4.55	1.95	6000 2RS	19000	0.019
10	30	9	0.6	0.6	5.10	2.40	6200 ZZ	24000	0.032
10	30	9	0.6	0.6	5.10	2.40	6200 2RS	16000	0.032
10	35	11	0.6	0.6	8.10	3.45	6300 ZZ	22000	0.053
10	35	11	0.6	0.6	8.10	3.45	6300 2RS	16000	0.053
12	28	8	0.3	0.3	5.10	2.40	6001 ZZ	27000	0.022
12	28	8	0.3	0.3	5.10	2.40	6001 2RS	17000	0.022
12	32	10	0.6	0.6	6.80	3.05	6201 ZZ	22000	0.037
12	32	10	0.6	0.6	6.80	3.05	6201 2RS	15000	0.037
12	37	12	1	1	9.70	4.20	6301 ZZ	20000	0.060
12	37	12	1	1	9.70	4.20	6301 2RS	15000	0.060
15	32	9	0.3	0.3	5.60	2.85	6002 ZZ	23000	0.030
15	32	9	0.3	0.3	5.60	2.85	6002 2RS	14000	0.030
15	35	11	0.6	0.6	7.65	3.75	6202 ZZ	20000	0.045
15	35	11	0.6	0.6	7.65	3.75	6202 2RS	13000	0.045
15	42	13	1	1	11.4	5.45	6302 ZZ	17000	0.082
15	42	13	1	1	11.4	5.45	6302 2RS	12000	0.082
17	35	10	0.3	0.3	6.00	3.25	6003 ZZ	21000	0.039
17	35	10	0.3	0.3	6.00	3.25	6003 2RS	12000	0.039
17	40	12	0.6	0.6	9.55	4.80	6203 ZZ	17000	0.065
17	40	12	0.6	0.6	9.55	4.80	6203 2RS	12000	0.065
17	47	14	1	1	13.6	6.65	6303 ZZ	15000	0.115
17	47	14	1	1	13.6	6.65	6303 2RS	10000	0.115
20	42	12	0.6	0.6	9.40	5.05	6004 ZZ	17000	0.069
20	42	12	0.6	0.6	9.40	5.05	6004 2RS	10000	0.069
20	47	14	1	1	12.8	6.65	6204 ZZ	15000	0.106
20	47	14	1	1	12.8	6.65	6204 2RS	9700	0.106
20	52	15	1.1	1.1	15.9	7.85	6304 ZZ	14000	0.144
20	52	15	1.1	1.1	15.9	7.85	6304 2RS	9500	0.144
25	47	12	0.6	0.6	10.1	5.85	6005 ZZ	15000	0.080
25	47	12	0.6	0.6	10.1	5.85	6005 2RS	9000	0.080
25	52	15	1	1	14.0	7.85	6205 ZZ	13000	0.128
25	52	15	1	1	14.0	7.85	6205 2RS	8400	0.128
25	62	17	1.1	1.1	20.6	11.3	6305 ZZ	11000	0.232
25	62	17	1.1	1.1	20.6	11.3	6305 2RS	7500	0.232
30	55	13	1	1	13.2	8.25	6006 ZZ	13000	0.116
30	55	13	1	1	13.2	8.25	6006 2RS	7500	0.116
30	62	16	1	1	19.5	11.3	6206 ZZ	11000	0.199
30	62	16	1	1	19.5	11.3	6206 2RS	7000	0.199
30	72	19	1.1	1.1	26.7	15.0	6306 ZZ	9600	0.346
30	72	19	1.1	1.1	26.7	15.0	6306 2RS	6400	0.346
35	62	14	1	1	15.9	10.3	6007 ZZ	11000	0.155
35	62	14	1	1	15.9	10.3	6007 2RS	6500	0.155
35	72	17	1.1	1.1	25.7	15.4	6207 ZZ	9200	0.288
35	72	17	1.1	1.1	25.7	15.4	6207 2RS	6000	0.288
35	80	21	1.5	1.5	33.4	19.3	6307 ZZ	8500	0.457
35	80	21	1.5	1.5	33.4	19.3	6307 2RS	5700	0.457
40	68	15	1	1	16.7	11.5	6008 ZZ	10000	0.192
40	68	15	1	1	16.7	11.5	6008 2RS	5800	0.192



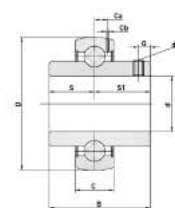
Deep Groove Ball Bearing

Dimensions(mm)				Basic Load rating(kN)		Bearing No.	Limiting Speed(rpm)		Weight(kg)
d	D	B	R(min)	r(min)	Cr		Grease	Oil	
40	80	18	1.1	1.1	29.1	17.8	6208 ZZ	8300	0.366
40	80	18	1.1	1.1	29.1	17.8	6208 2RS	5400	0.366
40	90	23	1.5	1.5	40.7	24.0	6308 ZZ	7700	0.633
40	90	23	1.5	1.5	40.7	24.0	6308 2RS	5100	0.633
45	75	16	1	1	21.0	15.1	6009 ZZ	9200	0.245
45	75	16	1	1	21.0	15.1	6009 2RS	5300	0.245
45	85	19	1.1	1.1	32.7	20.3	6209 ZZ	7700	0.407
45	85	19	1.1	1.1	32.7	20.3	6209 2RS	5100	0.407
45	100	25	1.5	1.5	48.9	29.5	6309 ZZ	6800	0.833
45	100	25	1.5	1.5	48.9	29.5	6309 2RS	4500	0.833
50	80	16	1	1	21.8	16.6	6010 ZZ	8400	0.261
50	80	16	1	1	21.8	16.6	6010 2RS	4800	0.261
50	90	20	1.1	1.1	35.1	23.3	6210 ZZ	7100	0.463
50	90	20	1.1	1.1	35.1	23.3	6210 2RS	4600	0.463
50	110	27	2	2	62.0	38.3	6310 ZZ	6100	1.07
50	110	27	2	2	62.0	38.3	6310 2RS	4100	1.07
55	90	18	1.1	1.1	28.3	21.2	6011 ZZ	7600	0.385
55	90	18	1.1	1.1	28.3	21.2	6011 2RS	4300	0.385
55	100	21	1.5	1.5	43.4	29.4	6211 ZZ	6300	0.607
55	100	21	1.5	1.5	43.4	29.4	6211 2RS	4100	0.607
55	120	29	2	2	71.6	45.0	6311 ZZ	5600	1.37
55	120	29	2	2	71.6	45.0	6311 2RS	3700	1.37
60	95	18	1.1	1.1	29.4	23.2	6012 ZZ	7100	0.415
60	95	18	1.1	1.1	29.4	23.2	6012 2RS	4000	0.415
60	110	22	1.5	1.5	52.4	36.2	6212 ZZ	5700	0.783
60	110	22	1.5	1.5	52.4	36.2	6212 2RS	3700	0.783
60	130	31	2.1	2.1	81.9	52.2	6312 ZZ	5200	1.70
60	130	31	2.1	2.1	81.9	52.2	6312 2RS	3500	1.70
65	100	18	1.1	1.1	30.5	25.2	6013 ZZ	7800	0.435
65	100	18	1.1	1.1	30.5	25.2	6013 2RS	3700	0.435
65	120	23	1.5	1.5	57.2	40.1	6213 ZZ	5400	0.990
65	120	23	1.5	1.5	57.2	40.1	6213 2RS	3500	0.990
65	140	33	2.1	2.1	92.7	59.9	6313 ZZ	4800	2.08
65	140	33	2.1	2.1	92.7	59.9	6313 2RS	3200	2.08
70	125	24	1.5	1.5	62.2	44.1	6214 ZZ	5100	1.07
70	125	24	1.5	1.5	62.2	44.1	6214 2RS	3300	1.07
70	150	35	2.1	2.1	104	68.2	6314 ZZ	4500	2.52
70	150	35	2.1	2.1	104	68.2	6314 2RS	3000	2.52
75	130	25	1.5	1.5	67.4	48.3	6215 ZZ	4800	1.18
75	130	25	1.5	1.5	67.4	48.3	6215 2RS	3100	1.18
75	160	37	2.1	2.1	113	77.2	6315 ZZ	4200	3.02
75	160	37	2.1	2.1	113	77.2	6315 2RS	2800	3.02
105	160	26	2	2	72.8	65.5	6021-ZZ	4000	1.62
130	200	33	2	2	78	94	6026-ZZ	3200	3.96
130	280	58	4	4	193	239	6326-ZZ	2200	14
140	210	33	2	2	81	102	6028-ZZ	3000	3.9
150	225	35	2.1	2.1	101	125	6030Z	2600	4.05
150	225	35	2.1	2.1	101	125	6030-ZZ	2600	4.14



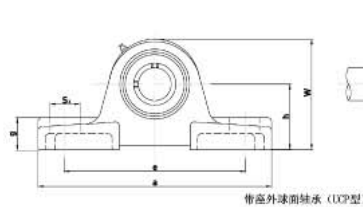
Deep Groove Ball Bearing

Dimensions(mm)				Basic Load rating(kN)		Bearing No.	Limiting Speed(rpm)	Weight(kg)
d	D	B	R(min)	r(min)	Cr	Cor	Grease	Oil
10	30	9	0.6	0.3	5.10	2.40	6200N	24000
10	35	11	0.6	0.5	8.10	3.45	6300N	22000
12	28	8	0.3	0.3	5.1	2.39	6001N	28000
12	32	10	0.6	0.3	6.80	3.05	6201N	22000
12	37	12	1	0.5	9.70	4.20	6301N	20000
15	32	9	0.3	0.3	5.6	2.84	6002N	24000
15	35	11	0.6	0.5	7.65	3.75	6202N	20000
15	42	13	1	0.5	11.4	5.45	6302N	17000
17	35	10	0.3	0.3	6.0	3.25	6003N	22000
17	40	12	0.6	0.5	9.55	4.80	6203N	17000
17	47	14	1	0.5	13.6	6.65	6303N	15000
20	42	12	0.6	0.5	9.40	5.05	6004N	17000
20	47	14	1	0.5	12.8	6.65	6204N	15000
20	52	15	1.1	0.5	15.9	7.85	6304N	14000
25	47	12	0.6	0.5	10.1	5.85	6005N	15000
25	52	15	1	0.5	14.0	7.85	6205N	13000
25	62	17	1.1	0.5	20.6	11.3	6305N	11000
30	55	13	1	0.5	13.2	8.25	6006N	13000
30	62	16	1	0.5	19.5	11.3	6206N	11000
30	72	19	1.1	0.5	26.7	15.0	6306N	9600
35	62	14	1	0.5	15.9	10.3	6007N	11000
35	72	17	1.1	0.5	25.7	15.4	6207N	9200
35	80	21	1.5	0.5	33.4	19.3	6307N	8500
40	68	15	1	0.5	16.7	11.5	6008N	10000
40	80	18	1.1	0.5	29.1	17.8	6208N	8300
40	90	23	1.5	0.5	40.7	24.0	6308N	7700
45	75	16	1	0.5	21.0	15.1	6009N	9200
45	85	19	1.1	0.5	32.7	20.3	6209N	7700
45	100	25	1.5	0.5	48.9	29.5	6309N	6800
50	80	16	1	0.5	21.8	16.6	6010N	8400
50	90	20	1.1	0.5	35.1	23.3	6210N	7100
50	110	27	2	0.5	62.0	38.3	6310N	6100
55	90	18	1.1	0.5	28.3	21.2	6011N	7600
55	100	21	1.5	0.5	43.4	29.4	6211N	6300
55	120	29	2	0.5	71.6	45.0	6311N	5600
60	95	18	1.1	0.5	29.4	23.2	6012N	7100
60	110	22	1.5	0.5	52.4	36.2	6212N	5700
60	130	31	2.1	0.5	81.9	52.2	6312N	5200
65	100	18	1.1	0.5	30.5	25.2	6013N	6600
65	120	23	1.5	0.5	57.2	40.1	6213N	5400
65	140	33	2.1	0.5	92.7	59.9	6313N	4800
70	125	24	1.5	0.5	62.2	44.1	6214N	5100
70	150	35	2.1	0.5	104	68.2	6314N	4500
75	130	25	1.5	0.5	67.4	48.3	6215N	4800
75	160	37	2.1	0.5	113	77.2	6315N	4200

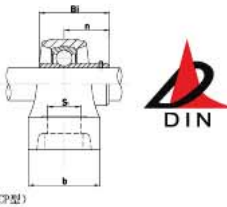


Insert Bearing & Pillow Block

Bearing No.	Boundary Dimension						
	d	D	B	C	W	rmin	G
UC201	12mm	47	31	16	29.3	0.6	4.5
UC201-8	1/2	47	31	16	29.3	0.6	4.5
UC202	15mm	47	31	16	29.3	0.6	4.5
UC202-10	5/8	47	31	16	29.3	0.6	4.5
UC203	17mm	47	31	16	29.3	0.6	4.5
UC204	20mm	47	31	16	29.3	1	4.5
UC204-12	3/4	47	31	16	29.3	1	4.5
UC205	25mm	52	34	17	33.8	1	5
UC205-14	7/8	52	34	17	33.8	1	5
UC205-15	15/16	52	34	17	33.8	1	5
UC205-16	1	52	34	17	33.8	1	5
UC206	30mm	62	38.1	19	40.8	1	5
UC206-17	11/16	62	38.1	19	40.8	1	5
UC206-18	11/8	62	38.1	19	40.8	1	5
UC206-19	13/16	62	38.1	19	40.8	1	5
UC206-20	11/4(s)	62	38.1	19	40.8	1	5
UC207	35mm	72	42.9	20	46.8	1.1	6
UC207-20	11/4	72	42.9	20	46.8	1.1	6
UC207-21	15/16	72	42.9	20	46.8	1.1	6
UC207-22	13/8	72	42.9	20	46.8	1.1	6
UC207-23	17/16	72	42.9	20	46.8	1.1	6
UC208	40mm	80	49.2	21	52.8	1.1	8
UC208-24	11/2	80	49.2	21	52.8	1.1	8
UC208-25	19/16	80	49.2	21	52.8	1.1	8
UC209	45mm	85	49.2	22	58.6	1.1	8
UC209-26	15/8	85	49.2	22	58.6	1.1	8
UC209-27	111/16	85	49.2	22	58.6	1.1	8
UC209-28	13/4	85	49.2	22	58.6	1.1	8
UC210	50mm	90	51.6	23	62.2	1.1	9
UC210-29	113/16	90	51.6	23	62.2	1.1	9
UC210-30	17/8	90	51.6	23	62.2	1.1	9
UC210-31	115/16	90	51.6	23	62.2	1.1	9
UC210-32	2(s)	90	51.6	23	62.2	1.1	9
UC211	55mm	100	55.6	25	68.9	1.5	10
UC211-32	2	100	55.6	25	68.9	1.5	10
UC211-33	21/16	100	55.6	25	68.9	1.5	10
UC211-34	21/8	100	55.6	25	68.9	1.5	10
UC211-35	23/16	100	55.6	25	68.9	1.5	10
UC212	60mm	110	65.1	27	76	1.5	10
UC212-36	21/4	110	65.1	27	76	1.5	10
UC212-37	25/16	110	65.1	27	76	1.5	10
UC212-38	23/8	110	65.1	27	76	1.5	10
UC212-39	27/16	110	65.1	27	76	1.5	10
UC213	65mm	120	65.1	28	82.5	1.5	12
UC213-40	21/2	120	65.1	28	82.5	1.5	12
UC213-41	29/16	120	65.1	28	82.5	1.5	12
UC214	70mm	125	74.6	29	89	1.5	12
UC214-42	25/8	125	74.6	29	89	1.5	12
UC214-43	211/16	125	74.6	29	89	1.5	12



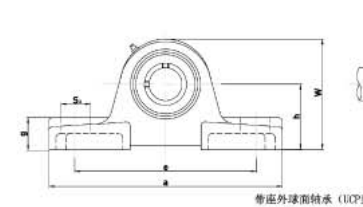
带座外球面轴承 (UCP型)



Insert Bearing & Pillow Block

Bearing No.	Boundary Dimension							
	d	D	B	C	W	rmin	G	ds
UC214-44	23/4	125	74.6	29	89	1.5	12	7/16-20M12*1.5
UC215	75mm	130	77.8	30	94	1.5	12	7/16-20M12*1.5
UC215-45	213/16	130	77.8	30	94	1.5	12	7/16-20M12*1.5
UC215-46	27/8	130	77.8	30	94	1.5	12	7/16-20M12*1.5
UC215-47	215/16	130	77.8	30	94	1.5	12	7/16-20M12*1.5
UC215-48	3	130	77.8	30	94	1.5	12	7/16-20M12*1.5
UC216	80mm	140	82.6	32	100	2	14	7/16-20M12*1.5
UC216-50	31/8	140	82.6	32	100	2	14	7/16-20M12*1.5
UC217	85mm	150	85.7	34	107.1	2	14	7/16-20M12*1.5
UC217-52	31/4	150	85.7	34	107.1	2	14	7/16-20M12*1.5
UC217-55	37/16	150	85.7	34	107.1	2	14	7/16-20M12*1.5
UC218	90mm	160	96	36	111.7	2	15	1/2-20M12*1.5
UC218-56	31/2	160	96	36	111.7	2	15	1/2-20M12*1.5

UNIT No.	Shaft Dia.	Boundary Dimension(s)(mm.)									
		h	a	e	b	s1	s2	g	w	Bi	n
UCP201-8	1/2	30.16	127.0	95.3	12.7	12.7	19.0	16.6	62.7	31.0	12.7
UCP201-12mm	12mm	30.16	127.0	95.3	12.7	12.7	19.0	16.6	62.7	31.0	12.7
UCP202-9	9/16	30.16	127.0	95.3	12.7	12.7	19.0	16.6	62.7	31.0	12.7
UCP202-10	5/8	30.16	127.0	95.3	12.7	12.7	19.0	16.6	62.7	31.0	12.7
UCP202-15mm	15mm	30.16	127.0	95.3	12.7	12.7	19.0	16.6	62.7	31.0	12.7
UCP203-11	11/16	30.16	127.0	95.3	12.7	12.7	19.0	16.6	62.7	31.0	12.7
UCP203-17mm	17mm	30.16	127.0	95.3	12.7	12.7	19.0	16.6	62.7	31.0	12.7
UCP204-12	3/4	33.33	127.0	95.3	38.1	12.7	19.0	15.9	63.1	31.0	12.7
UCP204-13	13/16	33.33	127.0	95.3	38.1	12.7	19.0	15.9	63.1	31.0	12.7
UCP204-20mm	20mm	33.33	127.0	95.3	38.1	12.7	19.0	15.9	63.1	31.0	12.7
UCP205-13	13/16	35.51	139.7	104.8	38.1	12.7	19.0	15.9	70.6	34.0	14.3
UCP205-14	7/8	35.51	139.7	104.8	38.1	12.7	19.0	15.9	70.6	34.0	14.3
UCP205-15	15/16	35.51	139.7	104.8	38.1	12.7	19.0	15.9	70.6	34.0	14.3
UCP205-16	1	35.51	139.7	104.8	38.1	12.7	19.0	15.9	70.6	34.0	14.3
UCP205-25mm	25mm	35.51	139.7	104.8	38.1	12.7	19.0	15.9	70.6	34.0	14.3
UCP206-17	11/16	42.86	165.1	120.7	47.6	16.7	20.6	18.0	84.1	38.1	15.9
UCP206-18	11/8	42.86	165.1	120.7	47.6	16.7	20.6	18.0	84.1	38.1	15.9
UCP206-19	13/16	42.86	165.1	120.7	47.6	16.7	20.6	18.0	84.1	38.1	15.9
UCP206-20	11/4(s)	42.86	165.1	120.7	47.6	16.7	20.6	18.0	84.1	38.1	15.9
UCP206-30mm	30mm	42.86	165.1	120.7	47.6	16.7	20.6	18.0	84.1	38.1	15.9
UCP207-20	11/4	47.36	166.7	127.0	47.6	16.7	20.6	18.0	92.9	42.9	17.5
UCP207-21	15/16	47.36	166.7	127.0	47.6	16.7	20.6	18.0	92.9	42.9	17.5
UCP207-22	13/8	47.36	166.7	127.0	47.6	16.7	20.6	18.0	92.9	42.9	17.5
UCP207-23	17/16	47.36	166.7	127.0	47.6	16.7	20.6	18.0	92.9	42.9	17.5
UCP207-35mm	35mm	47.36	166.7	127.0	47.6	16.7	20.6	18.0	92.9	42.9	17.5
UCP208-24	11/2	49.21	184.2	137.3	53.9	16.7	20.6	19.8	97.6	49.2	19.0
UCP208-25	19/16	49.21	184.2	137.3	53.9	16.7	20.6	19.8	97.6	49.2	19.0
UCP208-41mm	40mm	49.21	184.2	137.3	53.9	16.7	20.6	19.8	97.6	49.2	19.0
UCP209-26	15/8	53.98	189.7	146.1	53.9	16.7	20.6	21.8	106.4	49.2	19.0
UCP209-27	111/16	53.98	189.7	146.1	53.9	16.7	20.6	21.8	106.4	49.2	19.0
UCP209-28	13/4	53.98	189.7	146.1	53.9	16.7	20.6	21.8	106.4	49.2	19.0
UCP209-45mm	45mm	53.98	189.7	146.1	53.9	16.7	20.6	21.8	106.4	49.2	19.0
UCP210-29	113/16	57.15	206.4	158.8	60.3	19.8	22.2	22.2	112.7	51.6	19.0
UCP210-30	17/8	57.15	206.4	158.8	60.3	19.8	22.2	22.2	112.7	51.6	19.0



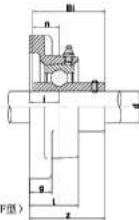
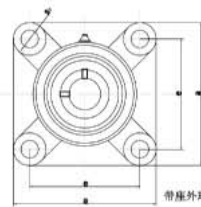
带座外球面轴承 (UCP型)



Insert Bearing & Pillow Block

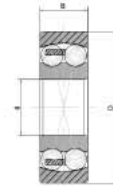
UNIT No.	Shaft Dia.	Boundary Dimension(s)(mm.)									
		h	a	e	b	s1	s2	g	w	Bi	n
UCP210-31	115/16	57.15	206.4	158.8	60.3	19.8	22.2	22.2	112.7	51.6	19.0
UCP210-32	2(s)	57.15	206.4	158.8	60.3	19.8	22.2	22.2	112.7	51.6	19.0
UCP210-50mm	50mm	57.15	206.4	158.8	60.3	19.8	22.2	22.2	112.7	51.6	19.0
UCP211-32	2	63.50	219.1	170.7	60.3	19.8	22.2	24.2	124.6	55.6	22.2
UCP211-33	21/16	63.50	219.1	170.7	60.3	19.8	22.2	24.2	124.6	55.6	22.2
UCP211-34	21/8	63.50	219.1	170.7	60.3	19.8	22.2	24.2	124.6	55.6	22.2
UCP211-35	23/16	63.50	219.1	170.7	60.3	19.8	22.2	24.2	124.6	55.6	22.2
UCP211-55mm	5mm	63.50	219.1	170.7	60.3	19.8	22.2	24.2	124.6	55.6	22.2
UCP212-36	21/4	69.85	241.3	184.2	69.9	19.8	25.4	24.5	138.1	65.1	25.4
UCP212-37	25/16	69.85	241.3	184.2	69.9	19.8	25.4	24.5	138.1	65.1	25.4
UCP212-38	23/8	69.85	241.3	184.2	69.9	19.8	25.4	24.5	138.1	65.1	25.4
UCP212-39	27/16	69.85	241.3	184.2	69.9	19.8	25.4	24.5	138.1	65.1	25.4
UCP212-60mm	60mm	69.85	241.3	184.2	69.9	19.8	25.4	24.5	138.1	65.1	25.4
UCP213-40	21/2	76.2	265.1	203.2	71.8	25.4	30.2	25.0	150.0	65.1	25.4
UCP213-41	29/16	76.2	265.1	203.2	71.8	25.4	30.2	25.0	150.0	65.1	25.4
UCP213-65mm	65mm	76.2	265.1	203.2	71.8	25.4	30.2	25.0	150.0	65.1	25.4
UCP214-42	25/8	79.38	265.9	210.3	72.2	25.4	30.2	28.1	156.4	74.6	30.2
UCP214-43	211/16	79.38	265.9	210.3	72.2	25.4	30.2	28.1	156.4	74.6	30.2
UCP214-44	23/4	79.38	265.9	210.3	72.2	25.4	30.2	28.1	156.4	74.6	30.2
UCP214-70mm	70mm	79.38	265.9	210.3	72.2	25.4	30.2	28.1	156.4	74.6	30.2
UCP215-45	213/16	82.55	274.6	216.7	73.8	25.4	30.2	30.2	161.9	77.8	33.3
UCP215-46	27/8	82.55	274.6	216.7	73.8	25.4	30.2	30.2	161.9	77.8	33.3
UCP215-47	215/16	82.55	274.6	216.7	73.8	25.4	30.2	30.2	161.9	77.8	33.3
UCP215-48	3	82.55	274.6	216.7	73.8	25.4	30.2	30.2	161.9	77.8	33.3
UCP215-75mm	75mm	82.55	274.6	216.7	73.8	25.4	30.2	30.2	161.9	77.8	33.3
UCP216-50	31/8	88.9	292.1	231.8	77.8	25.4	34.9	34.1	172.2	82.6	33.3
UCP216-80mm	80mm	88.9	292.1	231.8	77.8	25.4	34.9	34.1	172.2	82.6	33.3
UCP217-52	31/4	95.25	310.4	246.9	83.3	25.4	39.7	36.5	184.9	85.7	34.1
UCP217-55	37/16	95.25	310.4	246.9	83.3	25.4	39.7	36.5	184.9	85.7	34.1
UCP217-85mm	85mm	95.25	310.4	246.9	83.3	25.4	39.7	36.5	184.9	85.7	34.1
UCP218-56	31/2	101.6	327.0	61.9	88.1	26.9	45.2	40.9	96.0	96.0	39.7
UCP218-90mm	90mm	101.6	327.0	61.9	88.1	26.9	45.2	40.9	96.0	96.0	39.7

UNIT No.	Shaft Dia.	Boundary Dimension[s](mm.)								
		a	e	i	g	l	s2	Z	Bi	n
UCF201-8	1/2	76.2	53.9	15.0	9.5	25.4	10.3	33.3	31.0	12.7
UCF201-12mm	12mm	76.2	53.9	15.0	9.5	25.4	10.3	33.3	31.0	12.7
UCF202-9	9/16	76.2	53.9	15.0	9.5	25.4	10.3	33.3	31.0	12.7
UCF202-10	5/8	76.2	53.9	15.0	9.5	25.4	10.3	33.3	31.0	12.7
UCF202-15mm	15mm	76.2	53.9	15.0	9.5	25.4	10.3	33.3	31.0	12.7
UCF203-11	11/16	76.2	53.9	15.0	9.5	25.4	10.3	33.3	31.0	12.7
UCF203-17mm	17mm	76.2	53.9	15.0	9.5	25.4	10.3	33.3	31.0	12.7
UCF204-12	3/4	95.3	69.9	16.0	12.7	26.9	11.9	35.7	34.0	14.3
UCF204-20mm	20mm	95.3	69.9	16.0	12.7	26.9	11.9	35.7	34.0	14.3
UCF205-13	13/16	95.3	69.9	16.0	12.7	26.9	11.9	35.7	34.0	14.3
UCF205-14	7/8	95.3	69.9	16.0	12.7	26.9	11.9	35.7	34.0	14.3
UCF205-15	15/16	95.3	69.9	16.0	12.7	26.9	11.9	35.7	34.0	14.3
UCF205-16	1	95.3	69.9	16.0	12.7	26.9	11.9	35.7	34.0	14.3
UCF205-25mm	25mm	95.3	69.9	16.0	12.7	26.9	11.9	35.7	34.0	14.3



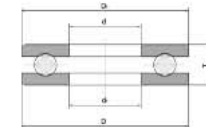
Insert Bearing & Pillow Block

UNIT No.	Shaft Dia.	Boundary Dimension[s](mm.)									
		a	e	i	g	l	s2	Z	Bi	n	
UCF206-17	11/16	107.9	82.6	18.3	14.3	30.9	11.9	40.5	38.1	15.9	
UCF206-18	11/8	107.9	82.6	18.3	14.3	30.9	11.9	40.5	38.1	15.9	
UCF206-19	13/16	107.9	82.6	18.3	14.3	30.9	11.9	40.5	38.1	15.9	
UCF206-20	11/4(s)	107.9	82.6	18.3	14.3	30.9	11.9	40.5	38.1	15.9	
UCF206-30mm	30mm	107.9	82.6	18.3	14.3	30.9	11.9	40.5	38.1	15.9	
UCF207-20	11/4	116.7	92.1	19.1	15.1	34.1	13.9	44.5	42.9	17.5	
UCF207-21	15/16	116.7	92.1	19.1	15.1	34.1	13.9	44.5	42.9	17.5	
UCF207-22	13/8	116.7	92.1	19.1	15.1	34.1	13.9	44.5	42.9	17.5	
UCF207-23	17/16	116.7	92.1	19.1	15.1	34.1	13.9	44.5	42.9	17.5	
UCF207-35mm	35mm	116.7	92.1	19.1	15.1	34.1	13.9	44.5	42.9	17.5	
UCF208-24	11/2	130.2	101.9	21.2	15.1	35.7	15.9	51.2	49.2	19.0	
UCF208-25	19/16	130.2	101.9	21.2	15.1	35.7	15.9	51.2	49.2	19.0	
UCF208-40mm	40mm	130.2	101.9	21.2	15.1	35.7	15.9	51.2	49.2	19.0	
UCF209-26	15/8	137.3	105.2	22.2	15.9	38.1	15.9	51.9	49.2	19.0	
UCF209-27	111/16	137.3	105.2	22.2	15.9	38.1	15.9	51.9	49.2	19.0	
UCF209-28	13/4	137.3	105.2	22.2	15.9	38.1	15.9	51.9	49.2	19.0	
UCF209-45mm	45mm	137.3	105.2	22.2	15.9	38.1	15.9	51.9	49.2	19.0	
UCF210-29	113/16	142.9	111.1	22.2	15.9	39.7	15.9	54.8	51.6	19.0	
UCF210-30	17/8	142.9	111.1	22.2	15.9	39.7	15.9	54.8	51.6	19.0	
UCF210-31	115/16	142.9	111.1	22.2	15.9	39.7	15.9	54.8	51.6	19.0	
UCF210-32	2(s)	142.9	111.1	22.2	15.9	39.7	15.9	54.8	51.6	19.0	
UCF210-50mm	50mm	142.9	111.1	22.2	15.9	39.7	15.9	54.8	51.6	19.0	
UCF211-32	2	161.9	130.2	25.3	18.3	42.9	19.1	58.7	55.6	Jan-00	
UCF211-33	21/16	161.9	130.2	25.3	18.3	42.9	19.1	58.7	55.6	Jan-00	
UCF211-34	21/8	161.9	130.2	25.3	18.3	42.9	19.1	58.7	55.6	Jan-00	
UCF211-35	23/16	161.9	130.2	25.3	18.3	42.9	19.1	58.7	55.6	Jan-00	
UCF211-55mm	55mm	161.9	130.2	25.3	18.3	42.9	19.1	58.7	55.6	Jan-00	
UCF212-36	21/4	174.6	142.9	29.4	18.3	47.6	19.1	68.7	65.1	25.4	
UCF212-37	25/16	174.6	142.9	29.4	18.3	47.6	19.1	68.7	65.1	25.4	
UCF212-38	23/8	174.6	142.9	29.4	18.3	47.6	19.1	68.7	65.1	25.4	
UCF212-39	27/16	174.6	142.9	29.4	18.3	47.6	19.1	68.7	65.1	25.4	
UCF212-60mm	60mm	174.6	142.9	29.4	18.3	47.6	19.1	68.7	65.1	25.4	
UCF213-40	21/2	187.3	148.8	30.1	22.2	50.0	19.1	69.9	65.1	25.4	
UCF213-41	29/16	187.3	148.8	30.1	22.2	50.0	19.1	69.9	65.1	25.4	
UCF213-65mm	65mm	187.3	148.8	30.1	22.2	50.0	19.1	69.9	65.1	25.4	
UCF214-42	25/8	192.9	152.4	31.0	22.2	53.9	19.1	75.4	74.6	30.2	
UCF214-43	211/16	192.9	152.4	31.0	22.2	53.9	19.1	75.4	74.6	30.2	
UCF214-44	23/4	192.9	152.4	31.0	22.2	53.9	19.1	75.4	74.6	30.2	
UCF214-70mm	70mm	192.9	152.4	31.0	22.2	53.9	19.1	75.4	74.6	30.2	
UCF215-45	213/16	200.0	158.8	34.1	22.2	56.4	19.1	78.6	77.8	33.3	
UCF215-46	27/8	200.0	158.8	34.1	22.2	56.4	19.1	78.6	77.8	33.3	
UCF215-47	215/16	200.0	158.8	34.1	22.2	56.4	19.1	78.6	77.8	33.3	
UCF215-48	3	200.0	158.8	34.1	22.2	56.4	19.1	78.6	77.8	33.3	
UCF215-75mm	75mm	200.0	158.8	34.1	22.2	56.4	19.1	78.6	77.8	33.3	
UCF216-50	31/8	207.9	165.1	34.0	22.2	57.9	23.0	83.3	82.6	33.3	
UCF216-80mm	80mm	207.9	165.1	34.0	22.2	57.9	23.0	83.3	82.6	33.3	
UCF217-52	31/4	219.9	175.0	35.7	23.8	62.7	23.0	87.3	85.7	34.1	
UCF217-85mm	85mm	219.9	175.0	35.7	23.8	62.7	23.0	87.3	85.7	34.1	
UCF218-56	31/2	234.9	186.9	39.8	25.4	68.3	23.0	96.0	96.0	39.7	
UCF218-90mm	90mm	234.9	186.9	39.8	25.4	68.3	23.0	96.0	96.0	39.7	



Self-aligning Ball Bearing

Dimensions(mm)					Basic Load rating(kN)				Bearing Designation	Limiting Speed(rpm)	Weight(kg)
d	D	T	B	C	Rmin	rmin	C _r	C _{or}	Cone-Cup	Grease	Oil
60	130	-	31	-	2.1	2.1	57.2	20.8	1312	4500	5500
80	140	-	33	-	2	2	49	19.9	2216K	4700	5000
110	200	-	38	-	2.1	2.1	80.2	35.2	1222	2800	3400
110	200	-	38	-	2.1	2.1	80.2	35.2	1222K	2800	3400



Thrust Ball Bearing

Dimensions(mm)					Basic Load rating(kN)				Bearing Designation	Limiting Speed(rpm)	Weight(kg)
d	D	T	B	C	Rmin	rmin	C _r	C _{or}	Cone-Cup	Grease	Oil
80	170	68	-	-	1.1	1.1	270	620	51416M	900	1300
120	210	70	-	-	2.1	2.1	310	870	51324	790	1100
160	225	51	-	-	1.5	1.5	223	720	51232	900	1300
160	225	51	-	-	1.5	1.5	223	720	51232M	900	1300
170	215	34	-	-	1.1	1.1	134	510	51134M	1100	1700
170	240	55	-	-	1.5	1.5	261	835	51234	840	1200
280	350	53	-	-	1.5	1.5	315	1350	51156	700	1000
300	420	95	-	-	3	3	585	2720	51260	450	680
320	400	63	-	-	2	2	380	1760	51164M	590	880
460	620	130	-	-	5	5	688	4504	51292	430	560
500	600	-	80	-	2.1	2.1	525	3183	511/500	430	560
530	640	-	85	-	3	3	518	3311	511/530	400	530
50	78	39	-	-	1	0.6	48.5	112	52210	2400	3600
55	90	45	-	-	1	0.6	69.5	159	52211	2100	3100
110	190	110	-	-	2	1	268	705	52322	880	1300
200	340	192a	-	-	4	2	625	2380	52340	470	710



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Marques de commerce

Certificat d'enregistrement

La présente atteste que la marque de commerce identifiée dans l'extrait ci-joint, tiré du registre des marques de commerce, a été enregistrée et que ledit extrait est une copie conforme de l'inscription de son enregistrement.

Conformément aux dispositions de la Loi sur les marques de commerce, cette marque de commerce est renouvelable tous les quinze ans à compter de la date d'enregistrement.



Trade-marks

Certificate of Registration

This is to certify that the trade-mark, identified in the attached extract from the register of trade-marks, has been registered and that the said extract is a true copy of the record of its registration.

In accordance with the provisions of the Trade-marks Act, this trade-mark is subject to renewal every 15 years from the registration date.



Numéro d'enregistrement
Registration Number TMA664,366

Numéro de dossier
File Number 1244372

Date d'enregistrement
Registration Date 16 mai/May 2006

[Signature]
Registraire des marques de commerce
Registrar of Trade-marks
(CIPQ 196)12-04

Canada

OPIC CIPQ