



TAPPER ROLLER BEARINGS					
32028	P.O.R.	32228	12375.00	32238	34240.00
32221	4961.00	32230	18404.00	32240	39162.00
32222	5570.00	32232	19795.00	32314	4048.00
32224	7219.00	32234	22256.00	323148	4048.00
32226	9625.00	32236	27499.00	32319	8996.00

BALL BEARINGS & FOUR ROW BEARINGS					
305183 (507511)	37842.00	313812 (507536)	69300.00	510440	75000.00
305256D (517458A)	29516.00	313823 (507336)	161385.00	314190 (502894B)	35700.00
305264D (508732A)	55692.00	313824 (508727)	116865.00	314385 (507344)	75000.00
305283D (506963)	43143.00	313891A (506962)	56677.00	314553 (522742)	58800.00
306891 (506964)	16424.00	313893 (508726)	79380.00	314625 (511605)	47700.00
309515 (538854)	35000.00	314049A (510199)	90000.00	315189A (510150B)	55727.00

OTHERS					
DC-2776	P.O.R.	DC-5476 A	5775.00	801215	22000.00
DC-3175	P.O.R.	NJ-224 STEEL	6178.00	Nu2322 METAL	49244.00
DC-3809 A	5570.00	NJ-224 METAL	7507.00	Nu2326 METAL	54888.00
DC-3809 C	P.O.R.	NU-320 METAL	12358.00	Nu2328 METAL	72668.00
DC-4445 A	9625.00	NU-2320 METAL	19057.00	Nu2330 METAL	78234.00

### बेयरिंग इस्तेमाल करते समय क्या करें ।



Do's क्या करें

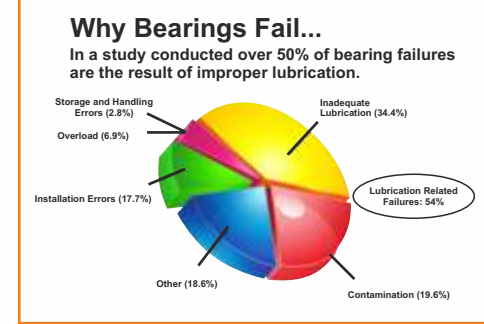


Don't क्या न करें

- During mounting keep in mind that the surrounding should be clean and dust proof. साफ धूल रहित वातावरण में चढ़ाने का ख्याल रखें ।
- Use suitable tools for mounting. चढ़ाने के लिए उपयुक्त औजार चुनें ।
- Keep in mind that all parts, components should be used in proper and dust free environment in assembly. ख्याल रखें कि अन्य पार्ट्स और कंपोनेंटस सही स्थिति और धूल रहित हालत में असेम्बली भाग में जाये जाने चाहिए ।
- Bearing should be taken out of carton only after ensuring complete preparation for mounting of bearing. बेयरिंग चढ़ाने की सभी आवश्यक तैयारी हो जाने पर ही कार्टन से बेयरिंग निकालें ।
- Protect open bearing from humidity and dust. खुले बेयरिंग को नमी और धूल से बचायें ।
- Clean all related components thoroughly with a lint free cloth. बेयरिंग को पोंछने के लिए साफ व रेशे रहित कपड़े का प्रयोग करें ।
- Do not work in a dirty place. गंदी, अस्वच्छ जगह पर काम न करें ।
- Do not use worn out tools. टूटे-फूटे व घिसे हुए औजार इस्तेमाल न करें ।
- Do not rotate unclean bearing. अस्वच्छ बेयरिंग न घुमाएं ।
- Do not use compressed air on bearing. बेयरिंग पर दबावयुक्त हवा न डालें ।
- Do not remove oil or grease from new bearing. नये बेयरिंग से ऑयल या ग्रीस न निकालें ।
- Do not fill excess or unsuitable grease in the bearing. बेयरिंग में अत्याधिक या अनुपयुक्त ग्रीस न भरें ।
- Do not use hammer while mounting & dismounting the bearing. चढ़ाने उतारते समय बेयरिंग पर हथौड़े से ठोक पीट न करें ।
- Do not wash bearing with a dirty solvents. अस्वच्छ साल्वेंट से बेयरिंग न धोयें ।



- Mount the new bearing without washing. नये बेयरिंग को पैकेज से निकालते ही बिना धोये चढ़ायें ।
- During usage keep bearing lubricants clean and after usage keep in a box duly covered with a lid. इस्तेमाल करते समय बेयरिंग लुब्रिकेंटस साफ रखें और इस्तेमाल न होने पर डिब्बे में ढक कर रखें ।
- Use while spirit / MTO for cleaning of bearings. धोने के लिए साफ साल्वेंट (व्हाइट स्पिरिट एमटीओ) का इस्तेमाल करें ।
- Handle the bearing with clean hands. बेयरिंग को साफ हाथों से पकड़ें ।
- Do not exercise pressure on rolling elements during mounting / dismounting. चढ़ाने उतारते समय रोलिंग एलिमेंट (बॉल रोलर) से गुजरे ऐसा जोर इस्तेमाल न करें ।
- Do not heat the bearings in a naked flame. बेयरिंग को खुली लौ में गर्म न करें ।



### APPLICATIONS



Rolling Mills



Steel Industries



Heavy Generators



Defence Equipment



Reduction Gear Box



Mining Equipment



Railway Equipment



Earth Moving Machineries

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### PRICE LIST



*Toughness with Precision Guaranteed*

*Quality mein Hit. Budget mein Fit...*







### COMPANY PROFILE

Much of KDM's success as a bearing manufacturer is largely due to its passionate pursuit of quality at lower cost. With a tremendous focus on manufacturing quality bearings and restraints on cost, it comes as no surprise that KDM Bearings is among India's prominent companies. Headquartered at Mumbai, the company was incorporated in 2009. It has its manufacturing plant in Rajkot with more than 200 employees working. KDM Bearings is run by professionals with over 27 years of experience in the bearing industry. Within a short duration since inception, the company has carved a niche for itself in various segments ranging from automobiles industry, paper industry, tiles industry, household industry & industrial machinery.

### INTERNAL CLEARANCE

The bearing internal clearance is defined as the total distance through which one bearing ring can be moved relative to the other under zero measuring load. Movement in the radial direction is called radial internal clearance; axial movement, axial internal clearance. The internal clearance is standardized. Rolling bearing are delivered with different internal clearance. The internal clearance will vary from bearing type the most common clearance is NORMAL (with no suffix).

- C1- Bearing internal clearance smaller than C2
- C2- Bearing internal clearance smaller than normal
- C3- Bearing internal clearance greater than normal
- C4- Bearing internal clearance greater than C3
- C5- Bearing internal clearance greater than C4

Why internal clearance ?

- In order to fit a bearing tightly on a shaft it is necessary that the shaft is slightly larger than the bore of the inner ring. When the bearing is mounted, the inner ring will be expanded and consequently the space available for the rolling elements will be reduced. The reduction in space available for rolling elements when the bearing is mounted is accommodated by internal clearance.
- Steel will expand with increased temperature. In operation the temperature of the various parts of a bearing will not remain uniform and resulting in varying degrees of expansion which is compensated by the internal clearance. The internal clearance required is dependent upon the mounting fit and the operation conditions. In case of doubt a bearing with greater clearance shall always be selected.

### SUPPLEMENTARY DESIGNATIONS

MB	Machined Brass Cage, Split Type	C	Steel Cage
W	No re-lubrication facility	W33	Lubrication groove and three holes in outer ring
K	Tapered bore - 1:12 on diameter	K30	Tapered bore - 1:30 on diameter
CA	Machined Brass Cage, One-Piece Cage.		

### NOTES

- The Price list is effective from 19-02-2018 and supersedes all previous price list.
- These prices are subject to change without prior notice.
- These prices represent the maximum retail prices (inclusive of all taxes)
- We also produce customized bearings.

### PRICE LIST w.e.f. APRIL, 2018

#### SPHERICAL ROLLER BEARINGS (STEEL CAGE)

Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)
21310CW33C3	2250.00	22212CW33C3	1912.00	22228CW33C3	12315.00
21310CKW33C3	2250.00	22212CKW33C3	1912.00	22228CKW33C3	12315.00
21312CW33C3	2625.00	22213CW33C3	2306.00	22230CW33C3	16044.00
21312CKW33C3	2625.00	22213CKW33C3	2306.00	22230CKW33C3	16044.00
21313CW33C3	3750.00	22214CW33C3	2400.00	22232CW33C3	20933.00
21313CKW33C3	3750.00	22214CKW33C3	2400.00	22232CKW33C3	20933.00
21315CW33C3	8102.00	22215CW33C3	2475.00	22308CW33C3	1401.00
21315CKW33C3	8102.00	22215CKW33C3	2475.00	22308CKW33C3	1401.00
21316CW33C3	9139.00	22216CW33C3	2868.00	22309CW33C3	1677.00
21316CKW33C3	9139.00	22216CKW33C3	2868.00	22309CKW33C3	1677.00
22205CW33C3	769.00	22217CW33C3	3375.00	22310CW33C3	2055.00
22205CKW33C3	769.00	22217CKW33C3	3375.00	22310CKW33C3	2055.00
22206CW33C3	881.00	22218CW33C3	4087.00	22311CW33C3	2460.00
22206CKW33C3	881.00	22218CKW33C3	4087.00	22311CKW33C3	2460.00
22207CW33C3	1009.00	22219CW33C3	4544.00	22312CW33C3	2895.00
22207CKW33C3	1009.00	22219CKW33C3	4544.00	22312CKW33C3	2895.00
22208CW33C3	1129.00	22220CW33C3	4786.00	22313CW33C3	3300.00
22208CKW33C3	1129.00	22220CKW33C3	4786.00	22313CKW33C3	3300.00
22209CW33C3	1204.00	22222CW33C3	6361.00	22314CW33C3	4752.00
22209CKW33C3	1204.00	22222CKW33C3	6361.00	22314CKW33C3	4752.00
22210CW33C3	1342.00	22224CW33C3	7775.00	22315CW33C3	5492.00
22210CKW33C3	1342.00	22224CKW33C3	7775.00	22315CKW33C3	5492.00
22211CW33C3	1444.00	22226CW33C3	9476.00	22316CW33C3	6232.00
22211CKW33C3	1444.00	22226CKW33C3	9476.00	22316CKW33C3	6232.00



#### SPHERICAL ROLLER BEARINGS (STEEL CAGE)

Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)
22317CW33C3	6788.00	22320CW33C3	12095.00	22326CW33C3	25918.00
22317CKW33C3	6788.00	22320CKW33C3	12095.00	22326CKW33C3	25918.00
22318CW33C3	8083.00	22322CW33C3	15798.00	22328CW33C3	32706.00
22318CKW33C3	8083.00	22322CKW33C3	15798.00	22328CKW33C3	32706.00
22319CW33C3	9256.00	22324CW33C3	20117.00	22330CW33C3	42412.00
22319CKW33C3	9256.00	22324CKW33C3	20117.00	22330CKW33C3	42412.00

#### SPHERICAL ROLLER BEARINGS (BRASS CAGE)

Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)
22211MBW33C3	1875.00	22309MBW33C3	2718.00	22352MBW33C3	211000.00
22211MBKW33C3	1875.00	22309MBKW33C3	2718.00	22352KMBW33C3	211000.00
22212MBW33C3	2495.00	22310MBW33C3	3281.00	23022MBW33C3	5300.00
22212MBKW33C3	2495.00	22310MBKW33C3	3281.00	23022KMBW33C3	5300.00
22213MBW33C3	3000.00	22311MBW33C3	3927.00	23024MBW33C3	5620.00
22213MBKW33C3	3000.00	22311MBKW33C3	3927.00	23024KMBW33C3	5620.00
22214MBW33C3	3131.00	22312MBW33C3	4875.00	23026MBW33C3	8268.00
22214MBKW33C3	3131.00	22312MBKW33C3	4875.00	23026KMBW33C3	8268.00
22215MBW33C3	3235.00	22313MBW33C3	5625.00	23028MBW33C3	9976.00
22215MBKW33C3	3235.00	22313MBKW33C3	5625.00	23028KMBW33C3	9976.00
22216MBW33C3	3750.00	22314MBW33C3	6353.00	23030MBW33C3	9914.00
22216MBKW33C3	3750.00	22314MBKW33C3	6353.00	23030KMBW33C3	9914.00
22217MBW33C3	4500.00	22315MBW33C3	7155.00	23032MBW33C3	13609.00
22217MBKW33C3	4500.00	22315MBKW33C3	7155.00	23032KMBW33C3	13609.00
22218MBW33C3	5437.00	22316MBW33C3	8901.00	23034MBW33C3	15730.00
22218MBKW33C3	5437.00	22316MBKW33C3	8901.00	23034KMBW33C3	15730.00
22219MBW33C3	6104.00	22317MBW33C3	9022.00	23036MBW33C3	19058.00
22219MBKW33C3	6104.00	22317MBKW33C3	9022.00	23036KMBW33C3	19058.00
22220MBW33C3	7031.00	22318MBW33C3	11021.00	23038MBW33C3	22356.00
22220MBKW33C3	7031.00	22318MBKW33C3	11021.00	23038KMBW33C3	22356.00
22222MBW33C3	9121.00	22319MBW33C3	11807.00	23040MBW33C3	26649.00
22222MBKW33C3	9121.00	22319MBKW33C3	11807.00	23040KMBW33C3	26649.00
22224MBW33C3	11766.00	22320MBW33C3	15582.00	23044MBW33C3	38963.00
22224MBKW33C3	11766.00	22320MBKW33C3	15582.00	23044KMBW33C3	38963.00
22226MBW33C3	12700.00	22322MBW33C3	20233.00	23048MBW33C3	42960.00
22226MBKW33C3	12700.00	22322MBKW33C3	20233.00	23048KMBW33C3	42960.00
22228MBW33C3	16934.00	22324MBW33C3	24001.00	23052MBW33C3	63300.00
22228MBKW33C3	16934.00	22324MBKW33C3	24001.00	23052KMBW33C3	63300.00
22230MBW33C3	20985.00	22326MBW33C3	30968.00	23056MBW33C3	70722.00
22230MBKW33C3	20985.00	22326MBKW33C3	30968.00	23056KMBW33C3	70722.00
22232MBW33C3	29487.00	22328MBW33C3	37887.00	23056CAC3	70722.00
22232MBKW33C3	29487.00	22328MBKW33C3	37887.00	23060MBW33C3	84866.00
22234MBW33C3	34298.00	22330MBW33C3	47501.00	23060KMBW33C3	84866.00
22234MBKW33C3	34298.00	22330MBKW33C3	47501.00	23064CAC3	94689.00
22236MBW33C3	37630.00	22332MBW33C3	56106.00	23068CAC3	121905.00
22236MBKW33C3	37630.00	22332MBKW33C3	56106.00	23072CAC3	136080.00
22238MBW33C3	42097.00	22334MBW33C3	66252.00	23076MBW33C3	225750.00
22238MBKW33C3	42097.00	22334MBKW33C3	66252.00	23076KMBW33C3	225750.00
22240MBW33C3	51497.00	22336MBW33C3	69717.00	23080MBW33C3	273700.00
22240MBKW33C3	51497.00	22336MBKW33C3	69717.00	23080MBKW33C3	273700.00
22244MBW33C3	74000.00	22338MBW33C3	89444.00	23092MBW33C3	369495.00
22244MBKW33C3	74000.00	22338MBKW33C3	89444.00	23120MBW33C3	6150.00
22248MBW33C3	91000.00	22340MBW33C3	103837.00	23120KMBW33C3	6150.00
22248MBKW33C3	91000.00	22340MBKW33C3	103837.00	23122MBW33C3	7752.00
22252MBW33C3	120000.00	22344MBW33C3	130410.00	23122KMBW33C3	7752.00
22252MBKW33C3	120000.00	22344MBKW33C3	130410.00	23124MBW33C3	9693.00
22308MBW33C3	2250.00	22348MBW33C3	169000.00	23124KMBW33C3	9693.00
22308MBKW33C3	2250.00	22348MBKW33C3	169000.00	23126MBW33C3	13976.00



#### SPHERICAL ROLLER BEARINGS (BRASS CAGE)

Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)	Bearing No.	M.R.P. (₹)
23126KMBW33C3	13976.00	23236KMBW33C3	57222.00	24056K30MBW33C3	128347.00
23128MBW33C3	14180.00	23238MBW33C3	73961.00	24060MBW33C3	130000.00
23128KMBW33C3	14180.00	23238KMBW33C3	73961.00	24060K30MBW33C3	130000.00
23130MBW33C3	19728.00	23240MBW33C3	77418.00	24064MBW33C3	140000.00
23130KMBW33C3	19728.00	23240KMBW33C3	77418.00	24064K30MBW33C3	140000.00
23132MBW33C3	21935.00	23244MBW33C3	120054.00	24122MBW33C3	13790.00
23132KMBW33C3	21935.00	23244KMBW33C3	120054.00	24122K30MBW33C3	13790.00
23134MBW33C3	26010.00	23248MBW33C3	155364.00	24124MBW33C3	14219.00
23134KMBW33C3	26010.00	23248KMBW33C3	155364.00	24124K30MBW33C3	14219.00
23136MBW33C3	32742.00	23252MBW33C3	188890.00	24126MBW33C3	19663.00
23136KMBW33C3	32742.00	23252KMBW33C3	188890.00	24126K30MBW33C3	19663.00
23138MBW33C3	39072.00	23256MBW33C3	215180.00	24128MBW33C3	22959.00
23138KMBW33C3	39072.00	23256KMBW33C3	215180.00	24128K30MBW33C3	22959.00
23140MBW33C3	52189.00	23260MBW33C3	248389.00	24130MBW33C3	28995.00
23140KMBW33C3	52189.00	23260KMBW33C3	248389.00	24130K30MBW33C3	28995.00
23144MBW33C3	70043.00	23264MBW33C3	350467.00	24132MBW33C3	38660.00
23144KMBW33C3	70043.00	23264KMBW33C3	350467.00	24132K30MBW33C3	38660.00
23148MBW33C3	94451.00	23268MBW33C3	377688.00	24134MBW33C3	41961.00
23148KMBW33C3	94451.00	23268KMBW33C3	377688.00	24134K30MBW33C3	41961.00
23152MBW33C3	105365.00	23272MBW33C3	445740.00	24136MBW33C3	53277.00
23152KMBW33C3	105365.00	23272KMBW33C3	445740.00	24136K30MBW33C3	53277.00
23156MBW33C3	125511.00	23276MBW33C3	592834.00	24138MBW33C3	64592.00
23156KMBW33C3	125511.00	23276KMBW33C3	592834.00	24138K30MBW33C3	64592.00
23160MBW33C3	160500.00	23280MBW33C3	667800.00	24140MBW33C3	70722.00
23160KMBW33C3	160500.00	23280KMBW33C3	667800.00	24140K30MBW33C3	70722.00
23164MBW33C3	237142.00	23284MBW33C3	742000.00	24144MBW33C3	96653.00
23164KMBW33C3	237142.00	23284KMBW33C3	742000.00	24144K30MBW33C3	96653.00
23168MBW33C3	258300.00	24024MBW33C3	9811.00	24148MBW33C3	127440.00
23168KMBW33C3	258300.00	24024K30MBW33C3	9811.00	24148K30MBW33C3	127440.00
23172MBW33C3	281400.00	24026MBW33C3	11069.00	24152MBW33C3	157680.00
23172KMBW33C3	281400.00	24026KMBW33C3	11069.00	24152K30MBW33C3	157680.00
23176MBW33C3	315000.00	24028MBW33C3	12487.00	24156MBW33C3	169560.00
23176KMBW33C3	315000.00	24028K30MBW33C3	12487.00	24156K30MBW33C3	169560.00
23218MBW33C3	7271.00	24030MBW33C3	15968.00	24160MBW33C3	243831.00
23218KMBW33C3	7271.00	24030K30MBW33C3	15968.00	24160K30MBW33	