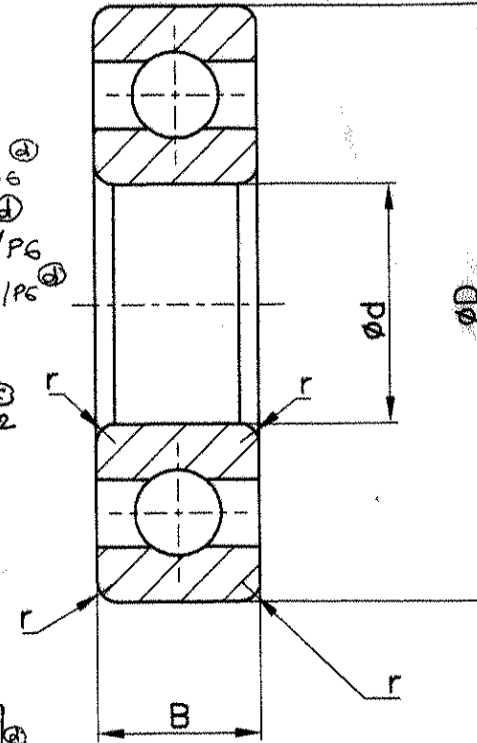
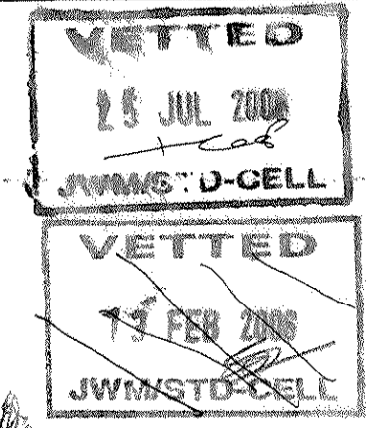


| S.No | BEARING DESIGNATION | Ød | ØD | B | r | USED ON | CLASS OF ACCURACY ETY-500 | EQUIVALENT BEARING (FOR REFERENCE) |
|------|---------------------|-----|-----|----|-----|-----------------------------------|---------------------------|---|
| 1 | 104 | 20 | 42 | 12 | 1.0 | 172-46-002CD-1 188-45-001 CD-3 | 0 | KNK 6004 © |
| 2 | 106 | 30 | 55 | 13 | 1.5 | 188-45-001 CD-3 | 0 | SKF/6006 HMT/6006, FAG/6006 & NBC/6006, KNK 6006 |
| 3 | 111 Л | 55 | 90 | 18 | 2.0 | 188-45-001 CD-3 | 0 | SKF/6011/M/PG & HMT/6011/FY/PG, KNK 6011/M/PG |
| 4 | 113 Л | 65 | 100 | 18 | 2.0 | 188-45-001 CD-3 | 0 | SKF/6013/M/PG & HMT/6013/FY/PG, KNK 6013/M/PG |
| 5 | 128 | 140 | 210 | 33 | 3.0 | 188-45-001 CD-3 | 0 | SKF/6028 HMT/6028 |
| 6 | 202 | 15 | 35 | 11 | 1.0 | 172-46-002 CD-1 | 0 | SKF/6202 HMT/6202, FAG/6202 & NBC/115 KNK 6202 |
| 7 | 205 | 25 | 52 | 15 | 1.5 | 188-45-001 CD-3 172-47-015CD | 0 | SKF/6205 HMT/6205 & FAG/6205 |
| 8 | 206 | 30 | 62 | 16 | 1.5 | 188-45-001 CD-3 | 0 | SKF/6206 HMT/6206, FAG/6206 |
| 9 | 210 | 50 | 90 | 20 | 2.0 | 188-45-001 CD-3 | 0 | SKF/6210 HMT/6210, FAG/6210 & NBC/150 & SBL 210K |
| 10 | 211 | 55 | 100 | 21 | 2.5 | 188-45-001 CD-3 | 0 | SKF/6211 HMT/6211, FAG/6211 & NBC/155 & SBL 211K |
| 11 | 212 | 60 | 110 | 22 | 2.5 | 188-45-001 CD-3 | 0 | SKF/6212 HMT/6212, FAG/6212 NBC/160 & SBL 212K, KNK 6212 |
| 12 | 309 Л | 45 | 100 | 25 | 2.5 | 188-45-001 CD-3 | 0 | SKF/6309/M & HMT/6309/M/FY, KNK 6309 © |
| 13 | 7000107 | 35 | 62 | 9 | 0.5 | 188-45-001 CD-3 | 0 | SKF/16007 HMT/16007, FAG/16007 |



| CHEMICAL COMPOSITION (%) | | |
|--------------------------|-------------------|------------|
| ELEMENT | ISX15 GOST 801-78 | SAE 52100 |
| C | 0.95-1.05 | 0.95-1.10 |
| Si | 0.17-0.37 | 0.20-0.35 |
| Mn | 0.20-0.40 | 0.25-0.45 |
| Cr | 1.30-1.65 | 1.30-1.60 |
| S | 0.02 Max. | 0.025 Max. |
| P | 0.027 Max. | 0.025 Max. |
| Ni | 0.30 Max. | -- |
| Cu | 0.25 Max. | -- |
| Ni+Cu | 0.50 Max. | -- |



© EQUIVALENT BEARINGS ADDED:
AS PER CQA (HV), LETTER NO. 98704/04/ID-COORD/ALT. COM.
DATED: 05/03/2007.

© Authority: CQA (HV) AVADI letter no. 98704/00/ID COORD/ALT. COM
dt. 14.10.08

ALTERNATE MATERIAL: SAE 52100 TO AISI

AUTHORITY: CQA (HV), AVADI, LETTER NO. 98704/04/ID-CO ORD/ALT COM
DATED 03/05/2005

© AUTHORITY: CQA (HV) AVADI LETTER NO. 98704/04/ID COORD/ALT. COM
dt. 28.08.2007 HRC:61-65

© Authority: CQA (HV) AVADI LETTER NO. 98704/04/ID COORD/ALT COM DT. 23.05.08

IT - INDICATES CAGE IS MADE OF BRASS.

NOTES:-

1. BEARING SHOULD BE FREE FROM CRACKS, CORROSION AND ALSO GRINDING BURRS IN THE SHAPE OF SPOTS OF SECONDARY HARDENING AND SECONDARY TEMPERING.
2. BEARING PARTS SHOULD BE DEMAGNETISED.
3. SURFACE QUALITY IS INSPECTED BY NON-DESTRUCTIVE METHODS SURFACE QUALITY MAY BE CHECKED, WITHOUT THE USE OF MAGNIFYING DEVICES.
4. ABSENCE OF SHRINK HOLES MAY BE CHECKED ON DISCS. CUT FROM TWO ENDS OF A ROD OR BUNDLE, BY MAGNETIC METHOD.
5. PILOT SAMPLE SHOULD BE APPROVED BY A.S.H.P BEFORE BULK SUPPLY.

*) THIS SKETCH ALONG WITH ALL DETAILS IS AN ABSTRACT BASED ON GOST-8338-75

| SINGLE ROW RADIAL BALL BEARING | | ISX15 | GOST 801-78 | | | | |
|---|----------------------|---|--------------------|---|-----------------------------|----------------------|-----|
| संख्या NO. OFF | विवरण DESCRIPTION | पुर्जा क्र. PART NO. | पदार्थ MATERIAL | मानक STANDARD | परिमाण DIMENSIONS | अध्यक्षित REMARKS | |
| सामान्य सहिष्णुता GENERAL TOLERANCE | © | Equivalent added | © | EQUIVALENT BEARING ADDED. | | | |
| रेखिक परिमाण LINEAR DIMENSION | *) | DRG UP TO DATED 01.7.6.11 | © | Equivalent Bearing FAG 6202 & NBC 115 deleted for bearing designation 128 vide CQA (HV) letter no. 98704/04/ID-COORD/ALT. COM dt. 20.06.2007 | | | |
| 0-6 | ±0.1 | | | | | | |
| 6-30 | ±0.2 | | | | | | |
| 30-120 | ±0.3 | | | | | | |
| 120-315 | ±0.5 | | | | | | |
| 315-1000 | ±0.8 | | | | | | |
| 1000-2000 | ±1.2 | | | | | | |
| कोणिक परिमाण ANGULAR DIMENSION | संख्या NO. OFF | संबंधित पुर्जा का आरेखण क्र. DRG. NO. OF ASSOCIATED PART | सूचक INDEX | संशोधन ALTERATION | 2006 | दिनांक DATE | |
| 1-10 | ±1' | | | | | | |
| 10-50 | ±30' | | | | | | |
| 50-100 | ±20' | | | | | | |
| >100 | ±10' | | | | | | |
| मापक 'म्यू एम' में VALUE IN 'um' | | | | | | | |
| - | >25 | | | | | | |
| ∇ | 8-25 | | | | | | |
| ∇∇ | 1.6-8 | | | | | | |
| ∇∇∇ | 0.025-1.6 | | | | | | |
| ∇∇∇∇ | <0.025 | | | | | | |
| SINGLE ROW RADIAL BALL BEARING TRANSMISSION GEAR UNIT CODE - 45 / T-72 & T-90 | | | | मापमान SCALE | आरेखित DRAWN | 10.02.06 | DHR |
| | | | | NTS | जाँचा CHECKED | 15.2.06 | |
| | | | | | अनुमोदित APPROVED | 15.02 | |
| | | | | द्वारा बदला REPLACED BY | हेतु बदला REPLACED FOR | | |
| | | | | कार्यालय OFFICE | DRAWING NO. MPF/IGB/8338 | | |
| | | | | मशीनी औजार आदिरूप फैक्टरी, अम्बरनाथ MACHINE TOOL PROTOTYPE FACTORY, AMBERNATH | D.O. | | |

इन आरेखणों तथा इसके साथ की सम्पूर्ण सामग्री का स्वत्वाधिकार भारत सरकार रक्षा मंत्रालय की भारतीय आयुध निर्माणियों के पास है। भारतीय आयुध निर्माणियों के महानिदेशक की लिखित अनुमति के बिना इनकी नकल या किसी भी रूप में इनके उद्धरण या इनमें समाहित सूचना किसी अनधिकृत व्यक्ति को उपलब्ध नहीं कराई जानी चाहिए।

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मूलमाप व अन्वयोजन
NOMINAL SIZE & FIT

विचलन
DEVIATION

