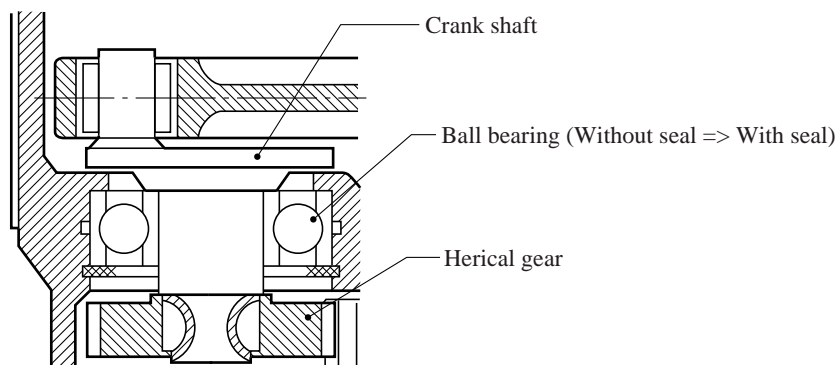


Subject ▶ Changes on ball bearings

For Models ▶ HR3520, HR3520B, HR3521, HR3811, HR3850, HR3850B, HR3850K, HR3851, HR5000, HR5000K, HM1200, HM1200B, HM1200K, HM1201, HM1211B, HM1211

Description ▶ As described below, ball bearings used at crank shafts have been changed for improvement of endurance.



| | ► Current | ► New |
|--|-------------------|--|
| | Without seal | Without seal |
| HR3520, HR3520B, HR3521, HM0811 | Ball Bearing 6203 | Ball Bearing 6203LLU Color of seal: Red Mark of seal: NTN. 6203LU. JAPAN |
| HR3811, HR3850, HR3850B, HR3850K, HR3851 | Ball Bearing 6204 | Ball Bearing 6204LLU Color of seal: Red Mark of seal: NTN. 6204LU. JAPAN |
| HR5000, HR5000K, HM1200, HM1200B, HM1200K, HM1201, HM1211B, HM1211 | Ball Bearing 6304 | Ball Bearing 6304LLU Color of seal: Red Mark of seal: NTN. 6304LU. JAPAN |

Note

When you repair ball bearing, please add grease (about 10g) in gear housing.

Interchangeability(I/C)

| Item No. | Current part | | Q'ty | I/C | New part | | Q'ty | Note |
|----------|-------------------------------|--|------|-----|----------------------------------|--|------|--|
| 23 | Ball Bearing 6203 211259-6 | | 1 | <= | Ball Bearing 6203LLU 211281-3 | | 1 | HR3520, HR3520B, HR3521, HM0811 |
| 22 | Ball Bearing 6204 211309-7 | | 1 | <= | Ball Bearing 6204LLU 211324-1 | | 1 | HR3811, HR3850, HR3850B, HR3850K, HR3851 |
| 19 | Ball Bearing 6304 211314-4 | | 1 | <= | Ball Bearing 6304LLU 211327-5 | | 1 | HR5000, HR5000K, HM1200, HM1200B, HM1200K, HM1201, HM1211B, HM1211 |

Note

Interchangeability mark; <= means that the new part can be substituted for the current.

Implementation

HR3520: From serial No. 112086E
HR3520B: From serial No. 24470E
HR3811: From serial No. 11157E
HR3850: From serial No. 68544E
HR3850B: From serial No. 34656E
HR3850K: From serial No. 21754E

HR3851: From serial No. 24368E
HR5000: From serial No. 33475E
HR5000K: From serial No. 40575E
HM1200: From serial No. 39025E
HM1200B: From serial No. 7059E
HM1200K: From serial No. 44238E

HM1201: From serial No. 60299E
HM1211B: From serial No. 5992E
HR3521: Discontinued since Aug., 1991
HM1211: Discontinued since Nov., 1993