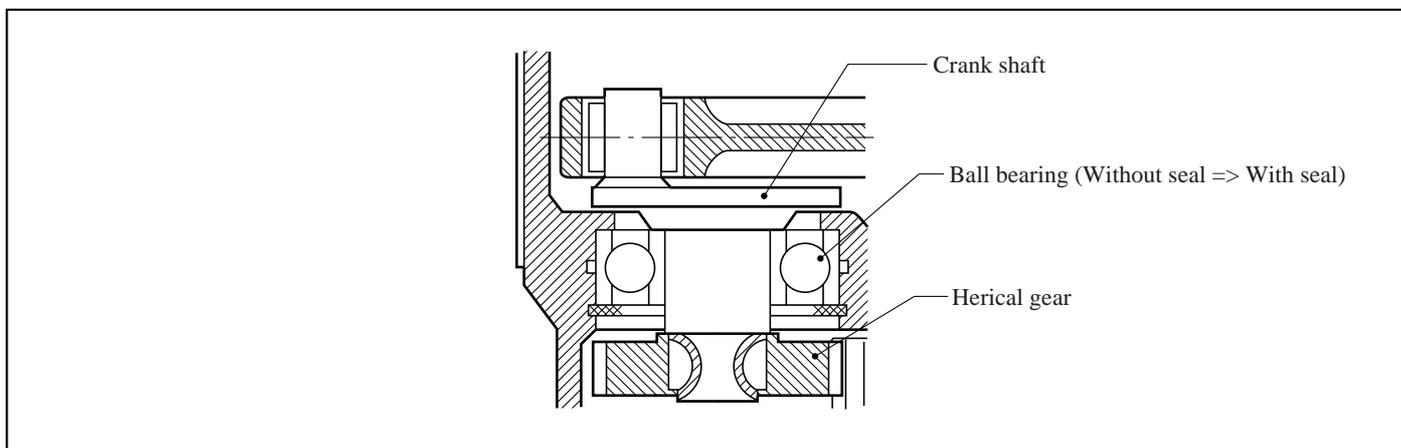


- Subject** ▶ Changes on ball bearings
- For Models** ▶ HR3520, HR3520B, HR3521, HR3811, HR3850, HR3850B, HR3850K, HR3851, HR5000, HR5000K, HM1200, HM1200B, HM1200K, HM1201, HM1211B, HM1211
- Description** ▶ As described below, ball bearings used at crank shafts have been changed for improvement of endurance.



	▶ Current Without seal	▶ New 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