

1991. 4. 7

Aluminm Alloy Materials for Bearing

KES

KES B-F012

(EST.) 1990-12-12

Contents

1. Scope of Application
2. Types
3. Quality
4. Shape, Dimensions and Weight
5. Test
6. Inspection

 **KIA MOTORS**

1. Scope of Application

This standard specifies aluminum alloy materials for bearing.

2. Types

Classify into 3 types according to the chemical components of alloys as shown in Table 1.

Table 1

Types	Symbols of material quality	Group of alloys	Remark
Type 1	KA 10	Group Al-Sn	Corresponds to A20 of international special metal
	KA 11	Group Al-Sn	Corresponds to A30 of international special metal
Type 2	KA 20	Group Al-Sn-Pb	Corresponds to DAIDO A17S material quality
	KA 21	Group Al-Sn-Pb	Improved material quality of DAIDO A17S Corresponds to KA1 material quality of international special metal.
Type 3	KA 30	Group Al-Sn-Pb-Si	Corresponds to NDC F-66 and DAIDO A17X material quality
	KA 31	Group Al-Sn-Pb-Si	DAIDO AL17 material quality
	KA 32	Group Al-Sn-Pb-Si	AL-6M material quality of FM company