

**TITLE: MATERIALS USED ON CK RANGE**  
**MODELS: CK, CKA, CKR, CKRA, CKC, CKRC**

- List of materials used in CK actuators.

COMPONENTS	ACTUATOR SIZE	MATERIAL	SPECIFICATION
GEARCASE	SIZE 1	ALUMINIUM ALLOY	BS1490 LM25M
	SIZE 2	ALUMINIUM ALLOY	
	SIZE 3	ALUMINIUM ALLOY	
HANDWHEEL	SIZE 1	ALUMINIUM ALLOY	ASTM B5 GRADE A360
	SIZE 2	ALUMINIUM ALLOY	
	SIZE 3	ALUMINIUM ALLOY	
HAND AUTO COVER	SIZE 1	ALUMINIUM ALLOY	BS1490 LM20
	SIZE 2	ALUMINIUM ALLOY	BS1490 LM20 or A360
	SIZE 3	ALUMINIUM ALLOY	
MOTOR COVER	SIZE 1	ALUMINIUM ALLOY	ASTM B85 A360
	SIZE 2	ALUMINIUM ALLOY	
	SIZE 3 (SMALL MOTOR)	ALUMINIUM ALLOY	BS1490 LM25M
	SIZE 3 (LARGE MOTOR)		
PLUG & SOCKET COVER	-	ALUMINIUM ALLOY	LM20 or ASTM B85 A360
TERMINAL COVER	-	ALUMINIUM ALLOY	BS1490 LM20 or A360
BASE PLATE	SIZE 1	SG IRON	EN 1563:1997 ENJS1040
	SIZE 2	SG IRON	
	SIZE 3	SG IRON	
DRIVE BUSH	SIZE 1	Al.Bronze	BS EN 12163, CuA110Ni5Fe4, CW307G/R740 (CA104)
	SIZE 2	Al.Bronze	
	SIZE 3	Al.Bronze	
WORM WHEEL	SIZE 1	Al.Bronze	BS2874:1986 CA104
	SIZE 2	Al.Bronze	
	SIZE 3	Al.Bronze	
WORM SHAFT	SIZE 1	STEEL	GB/T 3077-1999 20CrMnTi
	SIZE 2	STEEL	
	SIZE 3	STEEL	
CENTER COLUMN	SIZE 1	CAST (S.G.IRON)	EN 1563 : 1997 EN-JS1040
		MACHINED (STEEL)	BS EN 10083-2,1.0511, C40 (080M40)
	SIZE 2	STEEL	BS970 080M40 Zn plate & pass BS1706 Fe/Zn12 c 2C
SIZE 3	STEEL		
FASTENERS	SIZE 1	HIGH GRADE ALLOY STEEL	ISO 4762 GR 12.9
	SIZE 2		
	SIZE 3		

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