

DKP

DIRECTOR OF MECHANICAL & ELECTRICAL ENGINEERING

DERBY

Engineering Instruction

No. MD / 339
ISSUE 3

TITLE
A.E.C. FINAL DRIVE CROWN WHEEL SHAFT BEARING

LOCOMOTIVES, VEHICLES OR EQUIPMENT	
Description	Class Nos
All Diesel Multiple Unit Power Cars fitted with A.E.C. Final Drives	100, 101, 103, 104, 105, 107, 108, 110, 116, 117, 118, 119, 120, 121, 122 and 126

LOCOMOTIVE, VEHICLE OR EQUIPMENT CODES DMU 100, 101, 103, 104, 105, 107, 108, 110, 116, 117, 118, 119, 120, 121, 122 & 126

COMPONENT CODES
0220

INSTRUCTION WORKS

This Instruction supersedes Engineering Instruction MD/339, Issue 2, dated 15 August 1984, which shall be destroyed.

The design of the crown wheel shaft roller bearing has been changed by the manufacturers, BR Cat No 43/33607. The outside and inside diameters of the bearing remain the same but the rollers have been increased in diameter to a standard metric size.

This means that the rollers cannot pass through the lip on the bearing housing, therefore, it will be necessary, for assembly purposes, to machine the housing, BR Cat No 15/90124, in accordance with the attached sketch.

This work shall be carried out as and when required at Main Works.

Continued

ALLS

Signed M. J. Jordan Date 16 April 85 Corres. Ref. TMD/177-227-2 (LSH)
Countersigned M. V. Casey D. of M & E.E. Telephone No. 056-3524

For B.R.E.L. HQ. USE ONLY				
B.R.E.L. Eng. Inst. No.	Type of Instruction		Estimates of unit cost change are/are not required	
	Recurring	Non-Recurring	Recurring	Non-Recurring

Redistribution Panel

To :- * Divisional / Works Manager -----
 * Works / Depot -----
 Please acknowledge receipt of this Engineering Instruction

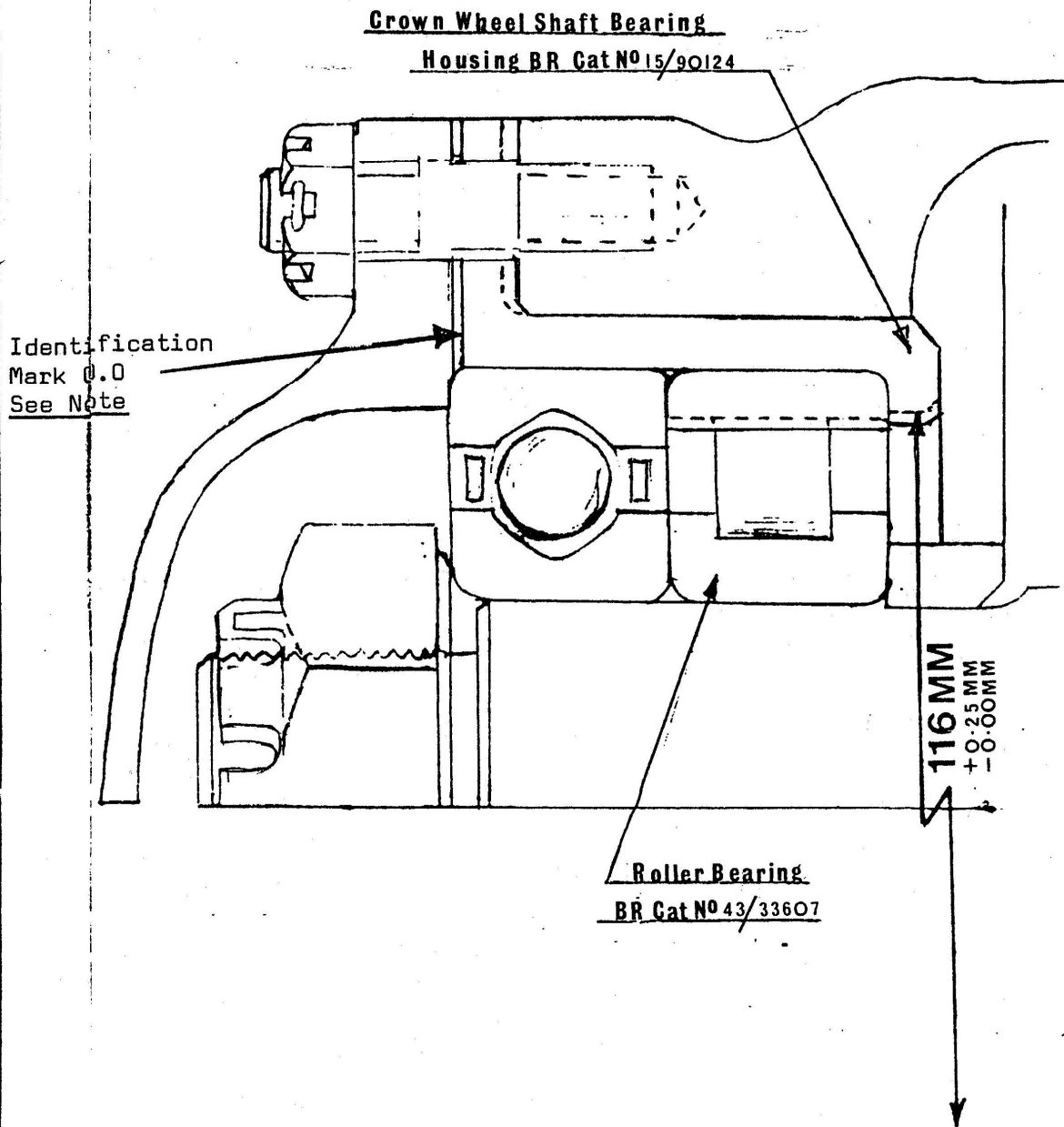
Signed _____ Corres. Ref. _____ Date _____
for D.M. & E.E. / M.D., B.R.E.L.

* Delete whichever is not applicable

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(Continuation)



NOTE

After machining, the housing will be suitable for either the old or new type bearing and should have "D.O." stamped at the position shown, then be dressed to restore the flat surface. Housings not having the identification mark must only be fitted with the original "imperial" bearing.