



Type Approval Certificate Extension

This is to certify that Certificate No. 05/ 00023(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Cooper Roller Bearings Ltd.
PLACE OF PRODUCTION	Wisbech Road, Kings Lynn, Norfolk PE30 5JX United Kingdom
DESCRIPTION	Split cylindrical and tapered roller bearings, housings and seals
TYPE	100/ 01/ 01E/ 02/ 02E BCP cylindrical bearing units 100/ 01/ 01E/ 02/ 02E BCF cylindrical bearing units 1DTB BCP & BCF tapered bearing units Z line pedestals Pedestals with raised mounting feet
APPLICATION	Main and auxiliary machinery
DESIGN CODE	LR Rules & Regulations for the Classification of Special Service Craft, Part 9, Chapter 1, Section 1.5, July 2009
RATINGS	Shaft diameter cylindrical 35 to 600mm tapered 75 to 180mm Bearing capacity refer to manufacturer's catalogue Shaft speed range refer to manufacturer's catalogue Temperature range 0 to 100°C Estimated bearing life >30,000 hours

Certificate No.	05/ 00023 (E2)
Issue Date	17 March 2015
Expiry Date	18 February 2020
Sheet	1 of 2

Lloyd's Register

R. J. Parry

MTES Southampton Office

Lloyd's Register EMEA

LR031.1.2013.12

R.J Parry
Marine Technology & Engineering Services, Southampton
Lloyd's Register EMEA

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**OTHER
CONDITIONS**

Bearings are to be selected in accordance with the manufacturer's catalogue specifications and installed and operated in strict accordance with their instructions..

"This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify LR of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Machinery General Design Appraisal Document No. ENG WP 1563115 forms part of this certificate.

LR Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

LR Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules of Lloyd's Register of Shipping are complied with.

This LR Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations of Lloyd's Register of Shipping.

Lloyd's Register of Shipping reserves the right to cancel or withdraw this LR Type Approval Certificate in accordance with the LR Type Approval System Procedure.

All other details remain as stated on the previous Certificate No. 05/00023(E1), to which this extension should be attached

Certificate No.	05/ 00023 (E2)
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Sheet	2 of 2

 Lloyd's Register

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