DNV·GL

Certificate No:
TAM00000JB

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Elastic Couplings

with type designation(s)
DCB

Issued to
Renold Clutches and Couplings
Cardiff, United Kingdom

is found to comply with
DNV GL rules for classification – Ships
DNV GL rules for classification – High speed and light craft

Application :

Valid for propulsion and auxiliary purposes.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Høvik** on **2017-05-29**
This Certificate is valid until **2021-06-30**.
DNV GL local station: **Southampton**

Approval Engineer: **Dag Harald Williksen**

for **DNV GL**

Oddvar Deinboll
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

Flexible rubber couplings.

Application/Limitation

Valid for propulsion and auxiliary purposes.

Ratings and technical data according Renold General Catalogue E4-05-158 Rev 100.

Maximum allowable ambient temperature for natural rubber couplings: 70 ^{0}C

Available for nominal torques up to 677 kNm.

For coupling size 1423.5 the following data applies :

Tests carried out

Report No. 41/2/386

Marking of product

The product to be marked with manufacturer's name or trademark and type/serial number identification.

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform an assessment after 2 years and after 3.5 years to verify that the conditions of the type approval are complied with. A renewal assessment will be performed at renewal of the certificate.

The objective of the Periodical Assessment is to verify that the conditions for the Type Approval are not altered since the Type Approval Certificate was issued.

END OF CERTIFICATE