DNV·GL

Certificate No:
TAM0000059

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Elastic Couplings

with type designation(s)
Multi Mont- Sella,
MMS 4-A, MMS 6,3-A, MMS 10, MMS 16, MMS 25, MMS 40, MMS 63, MMS 100, MMS 160, MMS 250, MMS 400, MMS 630, MMS 1000, MMS 1600, MMS 2500,

Multi Mont - Gigant,
MMG 4000, MMG 6300, MMG 10000, MMG 16000, MMG 25000, MMG 40000, MMG 63000, MMG 100000

Issued to
Dipl.-Ing. Herwarth Reich GmbH
Bochum, Germany

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

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2021-01-27**.
Issued at **Hamburg** on **2016-01-28**
DNV GL local station: **Essen** for **DNV GL**

Approval Engineer: **Axel Albrecht**

Frank Lutz
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

Torsionally flexible claw coupling

Application/Limitation

The approval is valid for main propulsion and auxiliary duty with electric or hydraulic motor as prime mover and with ratings and coupling characteristics as given in Data sheet W1 MMS 11/07.
The dynamical stiffness values are approved with a tolerance range from 50 % of data sheet values to 3 times the data sheet values.
The tolerance field for dynamical stiffness has to be taken into account in the torsional vibration calculations.

Type Approval documentation

Tests carried out

Test report dated 2007-11-29.

Marking of product

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

Periodical assessment

For retention of the Type Approval, DNV surveyor shall perform survey every second year and before expiry date of this certificate to verify that the conditions of the type approval is complied with.

Other conditions

The tolerance field for dynamic stiffness shall be mentioned in the DNV product certificate for each certified coupling. The approval does not cover the connection to driving and driven member.

The Type Approval Certificate No. TAM0000059 is replacing the following DNV and GL Certificates:

- DNV Certificate No. M-11834
- GL Certificate No. 40 165-01 HH