DNV·GL

Certificate No:
TAM0000135

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Universal Shaft

with type designation(s)
Size BR30, 43, 53, 58, 63, 68, 70, 72, 73, 77, 80, 83, 84, 85, 86, 90, 95, 97, 98

Issued to
Gelenkwellenwerk Stadtilm GmbH
Stadtilm, Thüringen, Germany

is found to comply with
DNV GL rules for classification – Ships Pt.4 Ch.4 Rotating machinery – power transmission

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.
Max nom. torque (Nm) **see page 2**
Max speed (RPM)

Issued at **Hamburg** on **2019-04-25**
This Certificate is valid until **2024-04-24**.
DNV GL local station: **Magdeburg**

for **DNV GL**

Approval Engineer: **Christof Kotzmann-Bendrien**

Burkhard Lilienthal
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.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description

Universal cardan shafts with length compensation

Application/Limitation

GEWES	**Torque Md max.**
Size	**[Nm]**
30	**226**
43	**527**
53	**870**
63	**1373**
58	**1806**
68, 70	**2964**
72, 73	**4988**
77	**8841**
80	**9327**
83, 84, 85, 86	**13126**
90	**28930**
95	**45778**
97, 98	**55172**

The max. allowable speed for the actual application to be calculated according makers procedure described in the respective product catalogue.

The bolt connenction between shaftline and adjacent parts are not included in the present type approval and has to be submitted for approval in each separate case.

Type Approval documentation

Marking of product

Manufacturer’s name or trademark. Type number designation.

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform a survey after 2 and 3,5 years and also before the expiry date of this certificate to verify that the conditions of the type approval are complied with.

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.
The main scope of the Periodical Assessment will normally include:

- Verification of the Type Approval applicant’s production and quality system w.r.t. ensuring continued consistent production of the Type Approved products at the Type Approval applicant’s own premises and at other companies that are given the responsibility for manufacturing of the products.
- Review of the Type Approval documentation and that this is still used as basis for the production
- Review of possible changes to the design, the material and the performance of the product
- Verification of the product marking.

END OF CERTIFICATE