DNV·GL

Certificate No:
TAM000008M

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Reduction Gear for Diesel Propulsion

with type designation(s)
2G27/42F

Issued to
Finnøy Gear & Propeller AS
HARØY, Norway

is found to comply with
DNV GL rules for classification – Ships

Application :

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

Input torque	**See page 2**
Input speed	**1800 RPM**
Reduction ratio	**6,94:1**

This Certificate is valid until **2021-05-31**.

Issued at **Høvik** on **2016-06-01**

for **DNV GL**

DNV GL local station: **Kristiansund N**

Approval Engineer: **Kristine Prøsch**

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

Reduction gear with built in hydraulic operated clutch and servo cylinder for CP mechanism.

The type approval does not cover:
- The flexible coupling
- Ice class notations
- Electric wiring, instrumentation and automation
- Connection to external shaft components
- Fastening and foundation of the gearbox including chocking calculations

Application/Limitation

Application factor :	1,25
Clutch type :	2x Ortlinghaus 0-002-833-47-000
Input torque:	2387Nm
Max servo pressure :	24 bar
Clutch type :	2x Ortlinghaus 0-002-831-55-000
Input torque:	2918Nm
Max servo pressure:	24 bar

Max temperature for lub.oil.: 60° Celsius

Type Approval documentation

Marking of product

Marking of the product shall at least give the following information.

- Manufacturers name of trademark
- Type designation of the product under which it is type approved.

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform a survey every second year and 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 Approcal Certificate was issued.