



APPROVAL OF PRODUCT CERTIFICATE (PRODUKTSERTIFISERINGSBEVIS)

Certificate No:
126.02
Revision No:
0

That the construction parts for mooring

With type designation(s)
New Mega PP

Issued to
Dongyang Manufacturing Co., Ltd.
147, Dasan-ro, Saha-Gu, Busan, Korea

Is found to comply with
NYTEK23 regulation
NS 9415:2021

And with the following particulars:

Product(s)	New Mega PP synthetic fibre rope
Material(s)	8-strand
MBL	Polyolefin
Max. diameter	See page 2
Weight	See page 2

Application:

Manufacturer(s) / Supplier(s) approved by this certificate is/are accepted to deliver in accordance with NYTEK23 and NS 9415:2021. It is the supplier's responsibility to comply with requirements of relevant product standard for the component.

Product certification scheme: **Type 5**
Reliability class: **2**

Issued at **Bergen** on **2026-07-03**
This Certificate is valid until **2031-07-03**

Performed by:

Olve Vangdal
Lead



Controlled by:

Pål Alexander Fossan
Controller

DNV - Business Assurance is accredited by Norwegian Accreditation as certification body PROD 013 for products regarding the NS 9415:2021, the NYTEK23 regulation and guidelines for product certification according to requirements in NS-EN ISO/IEC 17065.

Particulars of the approval

Product description

New Mega PP: 8 strand synthetic fibre rope

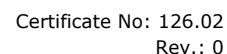
- Fibre material: Polyolefin

Rope Characteristics

Fibre ropes are to be delivered with a linear mass $\pm 5\%$ of the nominal linear mass given in the tables.

New Mega PP 8 strand

Size		Linear Density [g/m]	Mass [kg/100m]	Breaking Load [KN]	
Diameter [mm]	Cir. [inch]			Un-spliced	Spliced
20	3/4"	152		65	58
22	7/8"	184		78	70
24	1"	219	21.9	93.2	83.4
26	1"	257		109.4	97.9
28	1-1/8"	298	29.8	126.9	112.7
30	1-1/8"	342	34.2	145.6	129.4
32	1-1/4"	390	39.0	165.7	146.2
34	1-3/8"	440		187.1	165.0
36	1-3/8"	497	49.7	209.7	186.7
40	1-5/8"	608	60.8	258.9	233.4
45	1-3/4"	771	77.1	321.5	289.2
48	1-7/8"	878	87.8	362.8	326.6
50	2"	952	95.2	390.9	351.7
52	2"	1030	103.0	419.7	377.6
55	2-1/8"	1161	116.1	473.6	426.4
60	2-3/8"	1393	139.3	567.8	511.9
65	2-5/8"	1668	166.8	681.0	612.7
70	2-3/4"	1928	192.8	787.4	708.4
72	2-7/8"	1994	199.4	814.0	732.6
75	3"	2160	216.0	881.2	793.1
80	3-1/8"	2453	245.3	1000.3	902.3
85	3-3/8"	2774	277.4	1131.9	1021.0
90	3-1/2"	3097	309.7	1264.7	1138.2
95	3-3/4"	3451	345.1	1409.2	1268.1
100	4"	3801	380.1	1552.4	1405.2
105	4-1/8"	4191	419.1	1711.1	1549.1
110	4-3/8"	4600	460.0	1878.0	1700.1
115	4-1/2"	5028	502.8	2052.3	1847.6
120	4-3/4"	5475	547.5	2234.6	2011.7

[illegible]

- A Product Certificate and User Manual shall be issued to the customer together with the construction part.
- All construction parts and all documentation shall be traceable.
- Marking shall be in accordance ISO 9554:2019.
- Quality management system approval covered by ISO 9001.

The scope of the Periodical Assessment is to verify that the conditions stipulated for this Approval of Product Certificate is complied with and that no alterations are made to the product design or choice of materials.

Periodical assessments shall be performed at least every 2 years according to NYTEK23.

END OF CERTIFICATE