Wilhelmsen Ships Service

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# ACERA AMUNDSEN SBA S85 [34MM] 200M

Product group: **321** Product number: **L412977**

## Product information

## Specification

General

| | |
|---|---|
| **Material type and grade** | Acera H16 (HMPE) |

Physical properties

| | |
|---|---|
| **Jacketed** | false |
| **Line Construction** | 12x1 braided |
| **Line Linear Density (LLD)** | 0.615 kg/m |
| **Line Tenacity (LT) Maximum** | 162.9 t/kg/m |
| **Line Tenacity (LT) Maximum (kN/g/m)** | 1.68 kN/g/m |
| **Line Tenacity (LT) Measured** | 154.2 t/kg/m |
| **Load Bearing Linear Density (LBLD)** | 0.615 kg/m |
| **NSBF (if requested)** | Not requested |
| **Rotating** | false |
| **Splice type and design** | Tension (12S/Z)x1 |

Dimensions/Weight

| | |
|---|---|
| **Diameter [mm]** | 34 |
| **Length [m]** | 200 |

Technical data

| | |
|---|---|
| **Angled Break Force (ABF) % Avg NSBF D/d = 10** | 199.18 (99.59) |
| **Angled Break Force (ABF) % Avg NSBF D/d = 5** | 184.68 (92.34) |
| **Angled Endurance (AE) % Avg NSBF D/d = 10** | 86 |
| **Angled Endurance (AE) % Avg NSBF D/d = 5** | 60.04 |
| **Average Immediate Strain (e) %LDBF:10** | 0.2 |
| **Average Immediate Strain (e) %LDBF:20** | 0.42 |
| **Average Immediate Strain (e) %LDBF:30** | 0.62 |
| **Average Immediate Strain (e) %LDBF:40** | 0.82 |
| **Average Immediate Strain (e) %LDBF:50** | 1.01 |
| **Axial Compression Resistance (ACR)** | 93.16% Avg NSBF |
| **LDBF [kN] (from)** | 766 |
| **LDBF [kN] (up to)** | 882 |
| **LDBF [t] (from)** | 78.1 |
| **LDBF [t] (up to)** | 89.9 |
| **Line Design Break Force (LDBF)** | 89.9 |
| **Temperature (T) % BF at 20°C -20C** | 111 |
| **Temperature (T) % BF at 20°C 0C** | 110 |
| **Temperature (T) % BF at 20°C 20C** | 100 |
| **Temperature (T) % BF at 20°C 40C** | 94 |
| **Temperature (T) % BF at 20°C 60C** | 86 |
| **Temperature (T) % BF at 20°C 80C** | 57 |
| **Unspliced MBL [t]** | 98.5 |

Performance data

| | |
|---|---|
| **DNVGL** | Y |
| **SBA** | Y |
| **Strength adjustment** | 10% |
| **Var Range From** | 100% |
| **Var Range To** | 105% |

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