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ACERA AMUNDSEN SBA S125 [42MM] 275M

Product group: **329** Product number: **411225**



Product information

Specification

General

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

Dimensions/Weight

| | |
|---------------|-----|
| Diameter [mm] | 42 |
| Length | 275 |
| Length [m] | 275 |

Performance data

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

Documents

[SDoC411225](#)

[Wilhelmsen_Use and Care Acera Amundsen](#)

Physical properties

| | |
|-------------------------------------|-------------------|
| Density | 0.97 (floating) |
| Jacketed | false |
| Line Construction | 12x1 braided |
| Line Linear Density (LLD) | 0.914 kg/m |
| Line Tenacity (LT) Maximum | 162.9 t/kg/m |
| Line Tenacity (LT) Maximum (kN/g/m) | 1.60 kN/g/m |
| Line Tenacity (LT) Measured | 151.2 t/kg/m |
| Load Bearing Linear Density (LBLD) | 0.86 kg/m |
| NSBF (if requested) | Not requested |
| Rotating | false |
| Splice type and design | Tension (12S/Z)x1 |

Technical data

| | |
|--|-----------------|
| Angled Break Force (ABF) % Avg NSBF D/d = 10 | 194.89 (97.44) |
| Angled Break Force (ABF) % Avg NSBF D/d = 5 | 188.06 (94.03) |
| Angled Endurance (AE) % Avg NSBF D/d = 10 | 98.5 |
| Angled Endurance (AE) % Avg NSBF D/d = 5 | 86.85 |
| Average Immediate Strain (e) %LDBF:10 | 0.37 |
| Average Immediate Strain (e) %LDBF:20 | 0.64 |
| Average Immediate Strain (e) %LDBF:30 | 0.87 |
| Average Immediate Strain (e) %LDBF:40 | 1.09 |
| Average Immediate Strain (e) %LDBF:50 | 1.30 |
| AWS | |
| Axial Compression Resistance (ACR) | 98.95% Avg NSBF |
| LDBF [kN] (from) | 3 |
| LDBF [kN] (up to) | 100 |
| LDBF [t] (from) | 107.9 |
| LDBF [t] (up to) | 129.9 |
| Line Design Break Force (LDBF) | 129.9 |
| Temperature (T) % BF at 20°C -20C | 115.3/115 |
| Temperature (T) % BF at 20°C 0C | 108.4/105 |
| Temperature (T) % BF at 20°C 20C | 100/100 |
| Temperature (T) % BF at 20°C 40C | 97.5/95 |
| Temperature (T) % BF at 20°C 60C | 87.23/90 |
| Temperature (T) % BF at 20°C 80C | 61.5/82 |
| Unspliced MBL [t] | 143.0 |

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