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# ACERA AMUNDSEN SBA S145 [45MM] 220M

Product group: **329** Product number: **411168**

## Product information



## Specification

## General

<b>Material type and grade</b>	Acera H16 (HMPE)
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## Dimensions/Weight

<b>Diameter [mm]</b>	45
<b>Length</b>	220
<b>Length [m]</b>	220

## Performance data

<b>DNVGL</b>	Y
<b>SBA</b>	Y
<b>Strength adjustment</b>	10%
<b>Var Range From</b>	100%
<b>Var Range To</b>	105%

## Documents

[SDoC411168](#)

[Use and Care Acera Amundsen SBA](#)

## Physical properties

<b>Density</b>	0.97 (floating)
<b>Jacketed</b>	false
<b>Line Construction</b>	12x1 braided
<b>Line Linear Density (LLD)</b>	1.03 kg/m
<b>Line Tenacity (LT) Maximum</b>	162.9 t/kg/m
<b>Line Tenacity (LT) Maximum (kN/g/m)</b>	1.60 kN/g/m
<b>Line Tenacity (LT) Measured</b>	150.2 t/kg/m
<b>Load Bearing Linear Density (LBLD)</b>	0.98 kg/m
<b>NSBF (if requested)</b>	Not requested
<b>Rotating</b>	false
<b>Splice type and design</b>	Tension (12S/Z)x1

## Technical data

<b>Angled Break Force (ABF) % Avg NSBF D/d = 10</b>	194.89 (97.44)
<b>Angled Break Force (ABF) % Avg NSBF D/d = 5</b>	188.06 (94.03)
<b>Angled Endurance (AE) % Avg NSBF D/d = 10</b>	98.5
<b>Angled Endurance (AE) % Avg NSBF D/d = 5</b>	86.85
<b>Average Immediate Strain (e) %LDBF:10</b>	0.37
<b>Average Immediate Strain (e) %LDBF:20</b>	0.64
<b>Average Immediate Strain (e) %LDBF:30</b>	0.87
<b>Average Immediate Strain (e) %LDBF:40</b>	1.09
<b>Average Immediate Strain (e) %LDBF:50</b>	1.30
<b>Axial Compression Resistance (ACR)</b>	98.95% Avg NSBF
<b>LDBF [kN] (from)</b>	1275
<b>LDBF [kN] (up to)</b>	1437
<b>LDBF [t] (from)</b>	130
<b>LDBF [t] (up to)</b>	146.5
<b>Line Design Break Force (LDBF)</b>	146.5
<b>Temperature (T) % BF at 20°C -20C</b>	115.3/115
<b>Temperature (T) % BF at 20°C 0C</b>	108.4/105
<b>Temperature (T) % BF at 20°C 20C</b>	100/100
<b>Temperature (T) % BF at 20°C 40C</b>	97.5/95
<b>Temperature (T) % BF at 20°C 60C</b>	87.23/90
<b>Temperature (T) % BF at 20°C 80C</b>	61.5/82
<b>Unspliced MBL [t]</b>	161.6

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