

Last updated: 04/07/2024 06:26:48

ACERA AMUNDSEN SBA S134 [43MM] 110M

Product group: 329 Product number: **L410024**

Product information

Specification

General

Material type and grade	Acera H16 (HMPE)
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Dimensions/Weight

Diameter [mm]	43
Length	110
Length [m]	110

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)	0.89 kg/m
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tension (12S/Z)x1
X - Line Linear Density (LLD)	0.914 kg/m
X - Line Tenacity (LT) Maximum	162.9 t/kg/m
X - Line Tenacity (LT) Maximum (kN/g/m)	1.60 kN/g/m
X - Line Tenacity (LT) Measured	151.2 t/kg/m
X - Load Bearing Linear Density (LBLD)	0.89 kg/m
X - Splice type and design	Tension (12S/Z)x1

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	0.20
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)	1184
LDBF [kN] (up to)	1316
LDBF [t] (from)	120.8
LDBF [t] (up to)	134.2
Line Design Break Force (LDBF)	134.2
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]	149.1
X - Angled Break Force (ABF) % Avg NSBF D/d = 10	199.18 (99.59)
X - Angled Break Force (ABF) % Avg NSBF D/d = 5	184.68 (92.34)
X - Angled Endurance (AE) % Avg NSBF D/d = 10	86
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X - Average Immediate Strain (e) %\LDBF:50	1.01
X - Axial Compression Resistance (ACR)	93.16% Avg NSBF
X - LDBF [kN] (from)	1184

X - LDBF [kN] (up to)	1316
X - LDBF [t] (from)	120.8
X - LDBF [t] (up to)	134.2
X - Line Design Break Force (LDBF)	134.2
X - Temperature (T) % BF at 20°C -20C	111
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X - Temperature (T) % BF at 20°C 40C	94
X - Temperature (T) % BF at 20°C 60C	86
X - Temperature (T) % BF at 20°C 80C	57
X - Unspliced MBL [t]	149.1

Performance data

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