Wilhelmsen Ships Service

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ACERA AMUNDSEN SBA S115 [40MM] 275M

Product group: **329** Product number: **410265**

Product information

Specification

General

Material type and grade	Acera H16 (HMPE)

Physical properties

Density	0.97 (floating)
Jacketed	false
Line Construction	12x1 braided
Line Linear Density (LLD)	0.778 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	151.4 t/kg/m
Load Bearing Linear Density (LBLD)	0.82 kg/m
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tension (12S/Z)x1

Dimensions/Weight

Diameter [mm]	40
Length	100
Length [m]	100

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
Axial Compression Resistance (ACR)	98.95% Avg NSBF
LDBF [kN] (from)	1010
LDBF [kN] (up to)	1155
LDBF [t] (from)	103
LDBF [t] (up to)	117.7
Line Design Break Force (LDBF)	117.7
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]	130.8

Performance data

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

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