Wilhelmsen Ships Service

Last updated: 04/07/2025 01:01:23

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%