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ACERA DAGAMA SBA S105 [37MM/42MM] 140M

Product group: 329 Product number: L410008

Product information

Specification

General

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

Diameter [mm]	37
Length	140
Length [m]	140

Performance data

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

Physical properties

Jacketed	true
Line Construction	12x1 braided core (braided cover)
Line Linear Density (LLD)	1.066 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	152.9 t/kg/m
Load Bearing Linear Density (LBLD)	0.673 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	193.77 (96.89)
Angled Break Force (ABF) % Avg NSBF D/d = 5	196.77 (98.39)
Angled Endurance (AE) % Avg NSBF D/d = 10	97.75
Angled Endurance (AE) % Avg NSBF D/d = 5	101.30
Average Immediate Strain (e) %LDBF:10	0.4
Average Immediate Strain (e) %LDBF:20	0.67
Average Immediate Strain (e) %LDBF:30	0.9
Average Immediate Strain (e) %LDBF:40	1.1
Average Immediate Strain (e) %LDBF:50	1.32
Axial Compression Resistance (ACR)	118.27% Avg NSBF
LDBF [kN] (from)	883
LDBF [kN] (up to)	1058
LDBF [t] (from)	90.0
LDBF [t] (up to)	107.9
Line Design Break Force (LDBF)	107.9
Temperature (T) % BF at 20°C -20C	115.3/109/123
Temperature (T) % BF at 20°C 0C	108.4/109/113
Temperature (T) % BF at 20°C 20C	100/100/108
Temperature (T) % BF at 20°C 40C	97.5/98/103
Temperature (T) % BF at 20°C 60C	87.23/92/98
Temperature (T) % BF at 20°C 80C	61.5/88/90
Unspliced MBL [t]	119.7

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