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# ACERA DAGAMA SBA S85 [34MM/38MM] 110M

Product group: 329 Product number: L410031

## Product information

### Specification

#### General

|                         |                          |
|-------------------------|--------------------------|
| Material type and grade | Acera H16 (HMPE), HT PES |
|-------------------------|--------------------------|

#### Dimensions/Weight

|               |     |
|---------------|-----|
| Diameter [mm] | 34  |
| Length        | 110 |
| Length [m]    | 110 |

#### 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)           | 0.927 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         | 154.2 t/kg/m                      |
| Load Bearing Linear Density (LBLD)  | 0.575 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)                             | 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            | 115.3/109/135    |
| Temperature (T) % BF at 20°C 0C              | 108.4/109/125    |
| Temperature (T) % BF at 20°C 20C             | 100/100/120      |
| Temperature (T) % BF at 20°C 40C             | 97.5/98/115      |
| Temperature (T) % BF at 20°C 60C             | 87.23/92/110     |
| Temperature (T) % BF at 20°C 80C             | 61.5/88/102      |
| Unspliced MBL [t]                            | 99.7             |

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