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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 |
|-------------------------|--------------------------|

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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