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ACERA AMUNDSEN SBA S50 [25MM] 220M

Product group: 329 Product number: L410529

Product image

Product information

Specification

General

Material type and grade	Acera H16 (HMPE)
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Physical properties

Jacketed	false
Line Construction	12x1 braided
Line Linear Density (LLD)	0.345 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	159.5 t/kg/m
Load Bearing Linear Density (LBLD)	0.323 kg/m
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tension (12S/Z)x1

Dimensions/Weight

Diameter [mm]	25
Length	220

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)	406
LDBF [kN] (up to)	505
LDBF [t] (from)	42
LDBF [t] (up to)	51.5
Line Design Break Force (LDBF)	51.5
Temperature (T) % BF at 20°C 0C	110
Temperature (T) % BF at 20°C 20C	100
Temperature (T) % BF at 20°C -20C	111
Temperature (T) % BF at 20°C 40C	94
Temperature (T) % BF at 20°C 60C	86
Temperature (T) % BF at 20°C 80C	57

Performance data

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

Variants

Product name	Product number	Diameter [mm]	Length	Material type and grade	Line Construction	Line Linear Density (LLD)	Line Tenacity (LT) Maximum (kN/g/m)	Line Tenacity (LT) Measured	Load Bearing Linear Density (LBLD)	NSBF (if requested)	Splice type and design	Angled Endurance (AE) % Avg NSBF D/d = 10	Average Immediate Strain (e) %LDBF:10	Average Immediate Strain (e) %LDBF:50	LDBF [kN] (from)	LDBF [kN] (up to)	LDBF [t] (from)	LDBF [t] (up to)	Line Design Break Force (LDBF)
ACERA AMUNDSEN SBA [19MM] 260M 2x1.8M SUPER EYE	L413185	19		Acera H16 (HMPE)	12x1 braided	0.218 kg/m	1.60 kN/g/m	162.0 t/kg/m	0.196 kg/m	Not requested	Tension (12S/Z)x1	86.00	0.20	1.01					31.72
ACERA AMUNDSEN SBA 18MM 250M	L410182	18		Acera H16 (HMPE)	12x1 braided	0.201 kg/m	1.60 kN/g/m	162.3 t/kg/m	0.179 kg/m	Not requested	Tension (12S/Z)x1	86.00	0.20	1.01					29.0
ACERA AMUNDSEN SBA 22MM 250M	L410184	22		Acera H16 (HMPE)	12x1 braided	0.278 kg/m	1.60 kN/g/m	161.1 t/kg/m	0.256 kg/m	Not requested	Tension (12S/Z)x1	86.00	0.20	1.01					41.2
ACERA AMUNDSEN SBA 34MM 110M PLATINUM	L412084	34		Acera H16 (HMPE)	12x1 braided	0.597 kg/m	1.60 kN/g/m	154.2 t/kg/m	0.575 kg/m	Not requested	Tension (12S/Z)x1	86.00	0.20	1.01					88.7

Product name	Product number	Diameter [mm]	Length	Material type and grade	Line Construction	Line Linear Density (LLD)	Line Tenacity (LT) Maximum (kN/g/m)	Line Tenacity (LT) Measured	Load Bearing Linear Density (LBLD)	NSBF (if requested)	Splice type and design	Angled Endurance (AE) % Avg NSBF D/d = 10	Average Immediate Strain (e) %LDBF:10	Average Immediate Strain (e) %LDBF:50	LDBF [kN] (from)	LDBF [kN] (up to)	LDBF [t] (from)	LDBF [t] (up to)	Line Design Break Force (LDBF)
<u>AMUNDSEN</u> <u>SBA S60</u> <u>[27MM]</u> <u>240M</u>	411234	27		Acera H16 (HMPE)	12x1 braided	0.397 kg/m	1.68 kN/g/m	157.4 t/kg/m	0.38 kg/m	Not requested	Tension (12S/Z)x1	86.00	0.20	1.01	506	590	51.5	60.2	60.2
<u>ACERA</u> <u>AMUNDSEN</u> <u>SBA S60</u> <u>[27MM]</u> <u>400M</u>	L412988	27			12x1 braided	0.397 kg/m	1.68 kN/g/m	157.4 t/kg/m	0.38 kg/m	Not requested	Tension (12S/Z)x1	86.00	0.20	1.01	506	590	51.5	60.2	60.2
<u>ACERA</u> <u>AMUNDSEN</u> <u>SBA S75</u> <u>[31MM]</u> <u>200M</u>	L412975	31		Acera H16 (HMPE)	12x1 braided	0.525 kg/m	1.68 kN/g/m	155.4 t/kg/m	0.49 kg/m	Not requested	Tension (12S/Z)x1	86	0.2	1.01	591	765	60.2	78.0	78
<u>ACERA</u> <u>AMUNDSEN</u> <u>SBA S75</u> <u>[31MM]</u> <u>220M</u>	411152	31		Acera H16 (HMPE)	12x1 braided	0.525 kg/m	1.68 kN/g/m	155.4 t/kg/m	0.49 kg/m	Not requested	Tension (12S/Z)x1	86	0.2	1.01	591	765	60.2	78.0	78
<u>ACERA</u> <u>AMUNDSEN</u> <u>SBA S75</u> <u>[31MM]</u> <u>250M</u>	411222	31		Acera H16 (HMPE)	12x1 braided	0.525 kg/m	1.68 kN/g/m	155.4 t/kg/m	0.49 kg/m	Not requested	Tension (12S/Z)x1	86.00	0.20	1.01	591	765	60.2	78.0	78.0
<u>ACERA</u> <u>AMUNDSEN</u> <u>SBA S85</u> <u>[34MM]</u> <u>220M</u>	411156	34		Acera H16 (HMPE)	12x1 braided	0.615 kg/m	1.68 kN/g/m	154.2 t/kg/m	0.57 kg/m	Not requested	Tension (12S/Z)x1	86	0.2	1.01	766	882	78.1	89.9	89.9

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