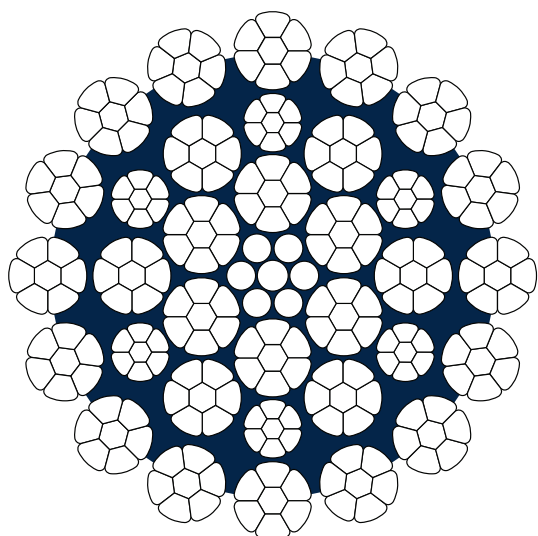
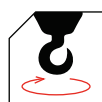


CASAR STARLIFT PLUS



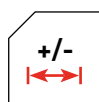
PROPERTIES



Swivel



Lubricated



Tolerance



Compacted

APPLICATIONS

A very flexible rope with a core in a special design avoiding crossovers between the strands of core and preventing internal rope destruction. Hoist rope for mobile cranes, electrical hoists and other applications, where rotation resistant ropes are required.

OVERVIEW

Diameter Range [mm]	10 – 56
RCN	23–2
Number of Outer Strands	16
Number of Wires	245
Number of Outer Load Bearing Wires	112
Average Fill Factor	0.716
Average Nominal Metallic Area Factor C	0.562
Average Spin Factor	*N/mm ² 0.83 (1960)* / 0.82 (2160)*

- Temperature range of use: -50°C to +75°C
- Suitable for multilayer spooling in Lang's lay
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Available in galvanized and ungalvanized

Minimum Breaking Force

Nominal Diameter	Weight	Minimum Breaking Force			
		1960 N/mm ²		2160 N/mm ²	
mm	kg/m	kN	t [metric]	kN	t [metric]
10	0.50	92.0	9.38	98.0	9.99
11	0.60	111.0	11.32	119.0	12.13
12	0.72	132.0	13.46	144.0	14.68
13	0.84	155.0	15.81	169.0	17.23
14	0.97	179.0	18.25	195.0	19.88
15	1.11	206.0	21.01	225.0	22.94
16	1.27	235.0	23.96	257.0	26.21
17	1.41	261.0	26.61	285.0	29.06
18	1.61	298.0	30.39	325.0	33.14
19	1.78	329.0	33.55	359.0	36.61
20	1.99	367.0	37.42	401.0	40.89
21	2.18	402.0	40.99	439.0	44.77
22	2.39	442.0	45.07	483.0	49.25
23	2.61	483.0	49.25	527.0	53.74
24	2.84	525.0	53.54	573.0	58.43
25	3.09	571.0	58.23	623.0	63.53
26	3.32	615.0	62.71	671.0	68.42
27	3.62	669.0	68.22	730.0	74.44
28	3.88	719.0	73.32	784.0	79.95
29	4.15	768.0	78.32	838.0	85.45
30	4.47	827.0	84.33	903.0	92.08
31	4.75	879.0	89.63	959.0	97.79
32	5.05	934.0	95.24	1,019.0	103.91
33	5.42	1,003.0	102.28	1,095.0	111.66
34	5.70	1,054.0	107.48	1,150.0	117.27
36	6.42	1,187.0	121.04	1,296.0	132.16
38	7.15	1,322.0	134.81	1,443.0	147.15
40	7.93	1,467.0	149.59	1,601.0	163.26
42	8.73	1,616.0	164.79	1,764.0	179.88
44	9.57	1,770.0	180.49	1,932.0	197.01
46	10.46	1,935.0	197.32	2,112.0	215.37
48	11.43	2,115.0	215.67	2,309.0	235.45
50	12.41	2,297.0	234.23	2,507.0	255.65
52	13.43	2,486.0	253.50	2,713.0	276.65
54	14.56	2,695.0	274.82	2,941.0	299.90
56	15.56	2,879.0	293.58	3,142.0	320.40