



Alphalift

Product information



CASAR



Typical applications: Very flexible construction with a high breaking load. Hoist rope for electrical hoist and other lifting devices, where rotation resistant ropes are not required.

Design: Ordinary lay and Lang's lay. Ordinary right hand lay, ordinary left hand lay can be offered.

ISO 4309 Rope Category No: 4-5mm **RCN.02**, 5,5-6.5mm **RCN.07**, 7-28mm **RCN.08**

Rope construction: 8 strand rope in parallel lay construction made out of conventional strands.

Marking: According to standard

Standard: EN 12385-4

Note: Due to its particular full unilay parallel closing (outer/inner strands), this rope is very sensible to the rotation and fleet angle. Cannot be used for big lifting heights, unguided loads a

Fill factor: 0.64

Part Code	Rope diameter mm	Steel Area mm ²	Min. breaking force kN 1770 N/mm ²	Min. breaking force kN 1960 N/mm ²	Min. breaking force kN 2160 N/mm ²	Weight kg/100m
01.B10CAL040E	4	8	11.7	13	14.3	0.7
01.G20CAL045E	4.5	10	15.1	16.7	18.4	0.09
01.G20CAL050E	5	12.3	19	21.1	23.2	0.11
01.B10CAL055E	5.5	14.8	23.6	26.1	28.8	0.13

01.B20CAL060E	6	18.2	28.5	31.5	34.7	0.16
01.B20CAL065E	6.5	22.4	34.2	37.9	41.8	0.19
01.B10CAL070E	7	24.9	38.5	42.6	47	0.21
01.B10CAL075E	7.5	28.5	44.8	49.6	54.6	0.25
01.G10CAL080E	8	33	49.6	55	60.6	0.28
01.B10CAL085E	8.5	37.1	53	58.7	64.6	0.32
01.B20CAL090E	9	41.4	65	72	79.3	0.36
01.B20CAL100E	10	50.2	78.8	87.3	92.5	0.43
01.B10CAL110E	11	63.6	96.8	107.2	117	0.55
01.G20CAL120E	12	74.9	114	126.3	137.8	0.64
01.G10CAL127E	12.7	83.1	126.4	139.9	152.6	0.71
01.G20CAL130E	13	87	132.4	146.6	159.9	0.75
01.G10CAL140E	14	100.2	152.4	168.7	184.1	0.86
01.G10CAL150E	15	116.9	177.9	197	214.9	1.01
01.B20CAL160E	16	132	200.9	222.5	242.8	1.14
01.B10CAL170E	17	148.5	226	250.3	273.1	1.28
01.B10CAL180E	18	167.9	255.4	282.8	308.5	1.44
01.B20CAL190E	19	189.8	288.9	319.9	349	1.63
01.G10CAL200E	20	208.9	317.8	352	384	1.8
01.B10CAL210E	21	232.4	353.6	391.6	427.2	2
01.B20CAL220E	22	255.3	388.5	430.2	469.4	2.2
01.G10CAL230E	23	277.3	422.1	467.4	509.9	2.39
01.G10CAL240E	24	299.4	455.7	504.7	550.6	2.58

01.G20CAL250E	25	323.5	492.4	545.3	594.9	2.78
01.G10CAL260E	26	349.3	531.7	588.8	642.4	3
01.G10CAL270E	27	377.1	573.9	635.5	693.3	3.24
01.G20CAL280E	28	405	616.3	682.5	744.6	3.48