

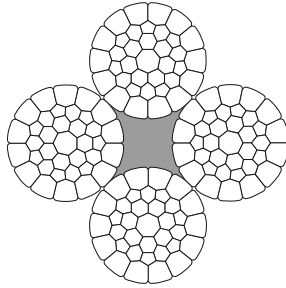
NAVIGATION

// ROTATION-RESISTANT

// SEMI-ROTATION-RESISTANT
DC 4 K

// NON-ROTATION-RESISTANT

OLIVEIRA DC 4 K



PROPERTIES



APPLICATIONS

Semi-rotation resistant hoist rope for deck crane applications and for electrical hoists with twin-hoist system and greater lifting height.

OVERVIEW

RCN	Diameter range [mm]	Construction	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average spin factor
22	30 – 36	4xK36-CF	4	144	56	0,669	0,811 (1960 N/mm ²)

- Temperature range of use: -50°C to +100°C
- Tensile strength: 1960 N/mm²
- Available in ordinary lay
- Available in right hand

minimum breaking force

nominal diameter		weight		1960 N/mm ²				2160 N/mm ²			
mm	inch	kg/m	lb/ft	kN	t [metric]	lbs	t[2000 lbs]	kN	t [metric]	lbs	t[2000 lbs]
14		0,88	0,59	178,0	18,15	40,010	20,01	187,1	19,07	42,051	21,03
15		1,01	0,68	204,2	20,83	45,914	22,96	214,7	21,89	48,257	24,13
16	5/8"	1,14	0,77	230,0	23,46	51,713	25,86	241,8	24,65	54,352	27,18
17		1,33	0,90	269,0	27,43	60,465	30,23	282,7	28,83	63,550	31,78
18		1,43	0,96	288,3	29,40	64,819	32,41	303,0	30,90	68,126	34,06
19	3/4"	1,64	1,10	331,5	33,81	74,529	37,26	348,4	35,53	78,331	39,17
20		1,82	1,22	367,1	37,44	82,531	41,27	385,8	39,35	86,742	43,37
21		1,97	1,32	397,1	40,49	89,276	44,64	417,4	42,56	93,830	46,92
22	7/8"	2,17	1,46	438,9	44,76	98,669	49,33	461,3	47,04	103,703	51,85
23		2,38	1,60	479,7	48,92	107,840	53,92	504,2	51,41	113,342	56,67
24		2,60	1,75	513,5	52,36	115,439	57,72	539,7	55,03	121,328	60,66
25		2,82	1,89	555,1	56,60	124,784	62,39	583,4	59,49	131,151	65,58
25,40	1"	2,82	1,89	555,1	56,60	124,784	62,39	583,4	59,49	131,151	65,58
26		3,00	2,02	592,4	60,41	133,185	66,59	622,7	63,49	139,980	69,99
27		3,31	2,23	653,5	66,64	146,919	73,46	686,9	70,04	154,415	77,21
28		3,55	2,39	699,5	71,33	157,265	78,63	735,2	74,97	165,289	82,64
29		3,79	2,55	747,0	76,18	167,943	83,97	785,2	80,06	176,511	88,26
30		4,00	2,69	791,4	80,70	177,918	88,96	831,8	84,82	186,995	93,50
31,75	1 1/4"	4,48	3,01	884,5	90,19	198,843	99,42	923,7	94,19	207,656	103,83
32		4,55	3,06	896,6	91,43	201,568	100,78	942,4	96,09	211,852	105,93
33,50		4,70	3,16	940,9	95,95	211,534	105,77	989,0	100,85	222,326	111,16
34		4,98	3,34	998,6	101,83	224,494	112,25	1,050	107,02	235,948	117,97
34,93	1 3/8"	5,39	3,62	1,063	108,41	238,999	119,50	1,117	113,94	251,193	125,60
35		5,39	3,62	1,063	108,41	238,999	119,50	1,117	113,94	251,193	125,60
36		5,73	3,85	1,130	115,20	253,981	126,99	1,187	121,08	266,939	133,47
38	1 1/2"	6,30	4,23	1,244	126,85	279,649	139,82	1,307	133,32	293,916	146,96

Special constructions and diameters available - please contact us directly.