



PRODUCT

► **DIEPA K114** Ordinary lay

PROPERTIES

- Non-rotation resistant
- Non-compacted outer strands
- Use without rope swivel
- Special rope for trolley applications

TECHNICAL DATA

Load-bearing wires	63 Ø 6 mm	RCN.02
in outer strands/ RCN acc. to ISO 4309	72 Ø 7–20 mm	RCN.02
Total number of wires	106 Ø 6 mm 160 Ø 7–20 mm	
Fill factor	0.6154	
Spinning loss factor	0.8500	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	metric tons	lbs	kN	metric tons	lbs	kN	metric tons	lbs
6	16	24.5	2.5	5 500	27.7	2.8	6 100	On request		
	19	28.5	2.9	6 400	31.5	3.2	7 000			
6.5	19	30.7	3.1	6 800	34.0	3.5	7 400			
7	24	36.5	3.7	8 100	41.0	4.2	9 100			
7.5	26	40.9	4.2	9 000	45.3	4.6	10 000			
	29	44.0	4.5	9 800	49.3	5.0	11 000			
8	29	44.8	4.6	10 000	49.5	5.0	11 200			
8.5	33	52.5	5.4	11 600	58.2	5.9	13 000			
9	39	59.9	6.1	13 500	67.3	6.9	14 900			
9.5	41	65.6	6.7	14 600	72.7	7.4	16 200			
	42	65.6	6.7	14 700	72.7	7.4	16 300			
10	46	72.3	7.4	16 300	81.3	8.3	18 100			
11	59	91.6	9.3	20 600	103	10.5	23 000			
	59	92.9	9.5	20 800	104	10.6	23 300			
12	66	102	10.4	23 100	115	11.7	25 700			
	74	114	11.6	25 700	128	13.0	28 600			
13	76	116	11.8	26 800	133	13.6	29 900			
14	89	133	13.6	31 700	157	16.0	35 200			

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm²			Min. breaking force 1960 N/mm²			Min. breaking force 2160 N/mm²		
mm	inch		kN	metric tons	lbs	kN	metric tons	lbs	kN	metric tons	lbs
	1/16	94	146	14.9	32 900	163	16.6	36 500	On request		
15		101	155	15.8	35 900	178	18.1	39 900			
	5/8	116	181	18.5	40 700	202	20.6	45 300			
16		117	181	18.5	41 400	206	21.0	46 100			
17		133	210	21.4	46 900	233	23.8	52 200			
18		149	235	24.0	52 600	261	26.6	58 600			
19		166	263	26.8	58 700	291	29.7	65 200			
	3/4	167	263	26.8	59 000	292	29.8	65 500			
20		184	291	29.7	65 100	322	32.8	72 400			