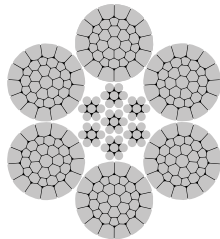


DIEPE PZ 299



DEIPA Z 299

DIEPA PZ 299 and Z 299

- ★ Non - rotation resistant
- ★ Compacted outer strands
- ★ Use without rope swivel
- ★ Ordinary lay
- ★ Core with internal plastic component (PZ 299)

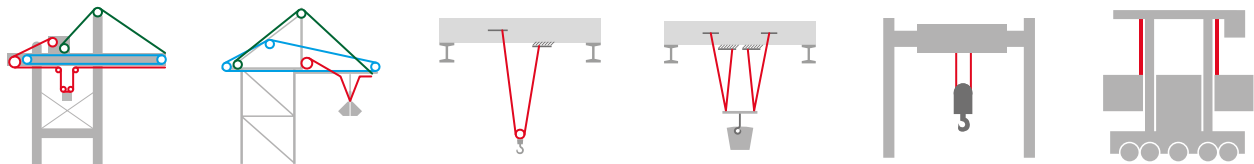
Applications:

When rotation resistant ropes are not required (twin hoist systems and small heights); iron - steel, container and grab cranes.



GENERAL VIEW

Category No RCN	Diameter Range (mm)	Number of Outer Strands	Number of Total Wires	Number of Wires in Outer Strands	Average Fill Factor	Average Spin Factor
01	4 - 6	6	91	42	0.6526	0.8400 (1770 N/mm ²)
09	7 - 60	6	265	216		0.8400 (1960 N/mm ²)
						0.8400 (1960 N/mm ²)





DIEPA PZ 299 and Z 299

Rope Diameter		Minimum Breaking Force 1770 N/mm ²			Minimum Breaking Force 1960 N/mm ²			Minimum Breaking Force 2160 N/mm ²			Weight
(mm)	(inch)	(kN)	(kp)	(lbs)	(kN)	(kp)	(lbs)	(kN)	(kp)	(lbs)	(kg/100 m)
4		12,20	1.200	2.600	13,50	1.300	2.800	14,70	1.450	3.100	7,000
	3/16	17,30	1.750	3.800	19,10	1.940	4.200	20,80	2.110	4.600	10,00
5		19,10	1.900	4.100	21,10	2.100	4.600	22,90	2.300	5.000	11,00
6		27,50	2.750	6.000	30,50	3.100	6.800	33,20	3.350	7.300	16,00
	1/4	30,70	3.120	6.800	34,00	3.460	7.600	37,10	3.760	8.200	18,00
6.5		32,20	3.200	7.000	35,70	3.600	7.900	38,80	3.900	8.500	19,00
7		37,30	3.750	8.200	41,30	4.200	9.200	45,00	4.550	10.000	22,00
7.5		42,90	4.300	9.400	47,50	4.800	10.500	51,70	5.200	11.400	26,00
	5/16	48,00	4.880	10.700	53,20	5.410	11.900	57,90	5.890	12.900	29,00
8		48,80	4.950	10.900	54,00	5.500	12.100	58,80	5.950	13.100	29,00
8.5		55,10	5.550	12.200	61,00	6.200	13.600	66,40	6.700	14.700	33,00
9		61,70	6.250	13.700	68,30	6.950	15.300	74,40	7.550	16.600	37,00
9.5		68,80	6.950	15.300	76,20	7.750	17.000	82,90	8.400	18.500	41,00
	3/8	69,10	7.030	15.400	76,60	7.810	17.200	83,40	8.490	18.700	41,00
10		76,20	7.700	16.900	84,00	8.600	18.900	92,10	9.300	20.500	46,00
11		92,40	9.350	20.600	102,0	10.400	22.900	111,0	11.250	24.800	55,00
	7/16	94,10	9.560	21.000	104,0	10.620	23.400	113,0	11.550	25.400	56,00
12		110,0	11.100	24.400	122,0	12.350	27.200	132,0	13.400	29.500	66,00
	1/2	123,0	12.490	27.500	136,0	13.880	30.500	148,0	15.080	33.200	74,00
13		129,0	13.050	28.700	143,0	14.500	31.900	155,0	15.800	34.800	77,00
14		150,0	15.150	33.300	165,0	16.800	37.000	180,0	18.300	40.300	89,00
	9/16	156,0	15.810	34.800	172,0	17.570	38.700	188,0	19.090	42.000	93,00
15		171,0	17.400	38.300	190,0	19.350	42.600	207,0	21.000	46.200	103,0
	5/8	192,0	19.530	43.000	213,0	21.690	47.800	232,0	23.580	51.900	115,0
16		195,0	19.800	43.600	216,0	22.000	48.500	235,0	23.900	52.600	117,0
17		220,0	22.350	49.200	244,0	24.850	54.700	266,0	27.000	59.500	132,0
18		247,0	25.050	55.200	274,0	27.850	61.300	298,0	30.250	66.600	148,0
19		275,0	27.950	61.600	305,0	31.050	68.400	332,0	33.750	74.400	165,0
	3/4	277,0	28.120	61.900	306,0	31.240	68.800	333,0	33.960	74.800	166,0
20		305,0	30.950	68.200	338,0	34.400	75.800	368,0	37.400	82.400	182,0
21		336,0	34.100	75.100	372,0	37.950	83.600	405,0	41.250	90.900	201,0
22		369,0	37.500	82.600	408,0	41.650	91.800	445,0	45.250	99.700	221,0
	7/8	376,0	38.270	84.300	417,0	42.520	93.700	454,0	46.220	101.800	225,0
23		403,0	40.950	90.200	446,0	45.500	100.300	486,0	49.450	109.000	241,0
24		439,0	44.600	98.300	486,0	49.550	109.200	530,0	53.850	118.700	263,0
25		476,0	48.400	106.700	528,0	53.800	118.600	574,0	58.450	128.800	285,0
	1	492,0	49.990	110.200	544,0	55.540	122.400	593,0	60.370	133.000	294,0
26		515,0	52.350	115.400	570,0	58.200	128.300	621,0	63.200	139.300	308,0
27		555,0	56.450	124.400	615,0	62.700	138.200	670,0	68.200	150.300	333,0
28		597,0	60.700	133.800	662,0	67.450	148.700	720,0	73.300	161.500	358,0
	1 1/8	622,0	63.270	139.400	689,0	70.300	154.900	750,0	76.410	168.400	372,0



DIEPA PZ 299 and Z 299

Rope Diameter		Minimum Breaking Force 1770 N/mm ²			Minimum Breaking Force 1960 N/mm ²			Minimum Breaking Force 2160 N/mm ²			Weight
(mm)	(inch)	(kN)	(kp)	(lbs)	(kN)	(kp)	(lbs)	(kN)	(kp)	(lbs)	(kg/100 m)
29		641,0	65.100	143.500	710,0	72.400	159.600	773,0	78.650	173.300	384,0
30		686,0	69.700	153.600	759,0	77.450	170.700	827,0	84.200	185.600	411,0
31		732,0	74.450	164.100	811,0	82.700	182.300	883,0	89.900	198.100	438,0
	1 1/4	768,0	78.120	172.200	851,0	86.790	191.300	926,0	94.340	207.900	460,0
32		780,0	79.300	174.800	864,0	88.150	194.300	941,0	95.800	211.200	467,0
33		830,0	84.350	185.900	919,0	93.700	206.500	1.001	101.900	224.600	497,0
34		881,0	89.550	197.400	975,0	99.500	219.300	1.062	108.150	238.400	527,0
	1 3/8	930,0	94.520	208.300	1.029	105.020	231.500	1.121	114.150	251.600	556,0
35		933,0	94.900	209.200	1.034	105.450	232.400	1.125	114.600	252.600	559,0
36		988,0	100.400	221.300	1.094	111.550	245.900	1.191	121.250	267.300	591,0
37		1.043	106.050	233.700	1.155	117.850	259.800	1.258	128.100	282.400	625,0
38		1.100	111.850	246.500	1.219	124.300	274.000	1.327	135.100	297.800	659,0
	1 1/2	1.106	112.490	247.900	1.225	124.990	275.500	1.334	135.850	299.400	662,0
39		1.159	117.850	259.800	1.284	130.950	288.600	1.398	142.300	313.700	694,0
40		1.220	123.950	273.200	1.350	137.750	303.600	1.470	149.700	330.000	730,0
41		1.281	130.200	287.000	1.419	144.700	319.000	1.545	157.300	346.700	767,0
	1 5/8	1.298	132.020	291.000	1.438	146.680	323.300	1.565	159.440	351.500	777,0
42		1.344	136.650	301.200	1.488	151.850	334.700	1.621	165.050	363.800	805,0
43		1.409	143.250	315.800	1.560	159.150	350.800	1.699	173.000	381.300	843,0
44		1.475	150.000	330.600	1.634	166.650	367.300	1.779	181.150	399.300	883,0
	1 3/4	1.506	153.110	337.500	1.667	170.130	375.000	1.816	184.910	407.600	901,0
45		1.543	156.900	345.900	1.709	174.300	384.200	1.861	189.450	417.600	924,0
46		1.613	163.950	361.400	1.786	182.150	401.500	1.945	198.000	436.500	965,0
47		1.683	171.150	377.300	1.864	190.150	419.200	2.030	206.700	455.600	1.008
	1 7/8	1.728	175.770	387.500	1.914	195.300	430.500	2.084	212.270	467.900	1.035
48		1.756	178.500	393.500	1.945	198.350	437.200	2.117	215.550	475.200	1.051
49		1.830	186.050	410.100	2.026	206.700	455.600	2.206	224.650	495.200	1.095
50		1.905	193.700	427.000	2.110	215.250	474.500	2.297	233.950	515.700	1.140
	2	1.967	199.980	440.800	2.178	222.210	489.800	2.371	241.520	532.400	1.177
51		1.982	201.550	444.300	2.195	223.900	493.600	2.390	243.350	536.400	1.187
52		2.061	209.500	461.800	2.281	232.800	513.200	2.485	253.000	557.700	1.233
53		2.140	217.650	479.800	2.370	241.850	533.100	2.581	262.850	579.400	1.281
	2 1/8	2.220	225.760	497.700	2.458	250.850	553.000	2.677	272.650	601.000	1.329
54		2.222	225.950	498.100	2.460	251.050	553.400	2.679	272.900	601.600	1.330
55		2.305	234.400	516.700	2.553	260.400	574.000	2.780	283.100	624.100	1.380
56		2.390	243.000	535.700	2.647	270.000	595.200	2.882	293.450	646.900	1.431
57		2.476	251.750	555.000	2.742	279.750	616.700	2.986	304.050	670.300	1.482
	2 1/4	2.489	253.110	558.000	2.756	281.240	620.000	3.001	305.680	673.900	1.490
58		2.564	260.650	574.600	2.838	289.600	638.400	3.091	314.800	694.000	1.535
59		2.653	269.750	594.600	2.937	299.700	660.700	3.199	325.750	718.100	1.588
60		2.743	278.950	614.900	3.038	309.950	683.300	3.308	336.850	742.600	1.642
	2 3/8	2.773	282.020	621.700	3.071	313.350	690.800	3.344	340.590	750.800	1.660