

DIEPA MB5

- ★ Rotation resistant
- ★ Compacted outer strands
- ★ High breaking force

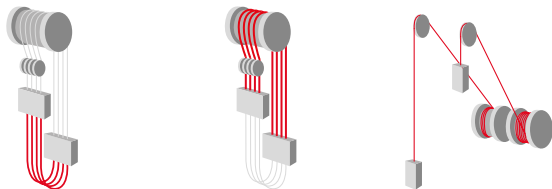
Applications:

It is used as balance rope and hoisting rope in well mining at a depth of more than 450 meters. It is used as hoist rope in electric excavator machines.



GENERAL VIEW

Category No RCN	Diameter Range (mm)	Number of Outer Strands	Number of Wires in Outer Strands	Average Fill Factor	Average Spin Factor
23-2	15 - 49	15	105	0.7145	0.8350
27	50 - 99	15	255		
31	100 - 120	15	540		





DIEPA MB SERİSİ

Rope Diameter		DIEPA MB4			DIEPA MB5			DIEPA MB6			DIEPA MB7		
		Minimum Breaking Force 1960 N/mm ²		Weight	Minimum Breaking Force 1960 N/mm ²		Weight	Minimum Breaking Force 1960 N/mm ²		Weight	Minimum Breaking Force 1960 N/mm ²		Weight
(mm)	(inch)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)
18		254,0	56.800	143,0	297,0	66.800	157,0	310,0	69.500	162,0	319,0	71.400	166,0
19		282,0	63.300	160,0	331,0	74.400	175,0	346,0	77.500	180,0	355,0	79.500	185,0
	3/4	284,0	63.700	161,0	333,0	74.800	176,0	347,0	77.900	181,0	357,0	80.000	185,0
20		313,0	70.200	177,0	367,0	82.400	194,0	383,0	85.900	200,0	393,0	88.200	204,0
21		345,0	77.400	195,0	405,0	90.900	214,0	422,0	94.800	220,0	433,0	97.200	225,0
22		378,0	85.000	214,0	444,0	99.800	235,0	463,0	104.000	242,0	476,0	106.800	247,0
	7/8	386,0	86.700	219,0	453,0	101.800	240,0	472,0	106.100	247,0	485,0	108.900	252,0
23		413,0	92.800	234,0	486,0	109.100	257,0	506,0	113.600	264,0	520,0	116.600	270,0
24		450,0	101.100	255,0	529,0	118.700	280,0	551,0	123.700	288,0	565,0	127.000	294,0
25		488,0	109.700	277,0	574,0	128.900	303,0	598,0	134.300	312,0	613,0	137.900	319,0
	1	505,0	113.200	285,0	593,0	133.000	313,0	618,0	138.700	322,0	634,0	142.300	330,0
26		529,0	118.700	299,0	621,0	139.400	328,0	647,0	145.300	337,0	664,0	149.100	346,0
27		570,0	128.000	323,0	670,0	150.300	354,0	698,0	156.600	364,0	716,0	160.800	373,0
28		613,0	137.600	347,0	720,0	161.700	381,0	750,0	168.500	391,0	770,0	172.900	401,0
	1 1/8	638,0	143.400	361,0	750,0	168.400	396,0	782,0	175.500	408,0	802,0	180.100	417,0
29		658,0	147.700	372,0	772,0	173.500	408,0	804,0	180.700	420,0	826,0	185.500	430,0
30		704,0	158.000	398,0	827,0	185.700	437,0	861,0	193.500	449,0	884,0	198.500	460,0
31		751,0	168.700	425,0	883,0	198.300	467,0	919,0	206.600	480,0	944,0	212.000	491,0
	1 1/4	788,0	176.900	446,0	926,0	207.900	489,0	965,0	216.600	503,0	990,0	222.400	515,0
32		800,0	179.800	453,0	940,0	211.200	497,0	980,0	220.100	511,0	1.006	225.900	523,0
33		851,0	191.200	482,0	1.000	224.600	529,0	1.042	234.000	544,0	1.070	240.300	557,0
34		904,0	203.000	512,0	1.061	238.400	561,0	1.106	248.500	577,0	1.136	255.000	591,0
	1 3/8	954,0	214.100	540,0	1.121	251.600	592,0	1.167	262.200	609,0	1.198	269.200	623,0
35		958,0	215.100	542,0	1.125	252.700	595,0	1.172	263.300	612,0	1.203	270.300	626,0
36		1.013	227.600	573,0	1.190	267.400	629,0	1.240	278.600	647,0	1.273	285.900	662,0
37		1.070	240.400	606,0	1.258	282.400	665,0	1.310	294.300	683,0	1.344	302.000	700,0
38		1.129	253.600	639,0	1.326	298.000	701,0	1.382	310.500	721,0	1.418	318.700	738,0
	1 1/2	1.135	254.900	642,0	1.333	299.500	705,0	1.389	312.100	725,0	1.426	320.300	742,0
39		1.189	267.200	673,0	1.397	313.800	739,0	1.456	327.000	759,0	1.494	335.600	777,0
40		1.251	281.000	708,0	1.470	330.100	777,0	1.531	344.000	799,0	1.572	353.100	818,0
41		1.314	295.300	744,0	1.544	346.900	816,0	1.609	361.400	839,0	1.651	370.900	859,0
	1 5/8	1.332	299.200	754,0	1.565	351.600	827,0	1.630	366.300	851,0	1.673	375.900	871,0
42		1.379	309.800	781,0	1.620	364.000	857,0	1.688	379.400	881,0	1.732	389.200	902,0
43		1.445	324.800	818,0	1.698	381.500	898,0	1.769	397.500	923,0	1.816	408.000	945,0
44		1.513	340.100	857,0	1.778	399.500	940,0	1.853	416.300	967,0	1.901	427.300	990,0
	1 3/4	1.544	347.100	874,0	1.814	407.800	959,0	1.891	424.800	986,0	1.940	436.000	1.010
45		1.583	355.700	896,0	1.860	417.900	983,0	1.938	435.500	1.011	1.989	446.900	1.035
46		1.654	371.700	936,0	1.943	436.700	1.027	2.025	455.000	1.056	2.078	466.900	1.082


DIEPA MB SERISI

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(mm)	(inch)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)
47		1.727	388.000	977,0	2.029	455.900	1.073	2.114	475.000	1.103	2.169	487.400	1.129
	1 7/8	1.773	398.500	1.004	2.083	468.100	1.101	2.171	487.800	1.132	2.227	500.500	1.159
48		1.801	404.700	1.020	2.116	475.400	1.119	2.205	495.500	1.150	2.263	508.400	1.178
49		1.877	421.800	1.062	2.205	495.500	1.166	2.298	516.300	1.199	2.358	529.800	1.227
50		1.955	439.200	1.106	2.296	515.900	1.214	2.392	537.600	1.248	2.456	551.700	1.278
	2	2.018	453.300	1.142	2.370	532.500	1.253	2.470	554.900	1.288	2.534	569.600	1.319
51		2.033	457.000	1.151	2.389	536.800	1.263	2.489	559.300	1.299	2.554	574.000	1.329
52		2.114	475.000	1.196	2.483	558.000	1.313	2.587	581.500	1.350	2.656	596.700	1.382
53		2.196	493.500	1.243	2.580	579.700	1.364	2.688	604.000	1.402	2.759	619.900	1.436
	2 1/8	2.278	511.800	1.289	2.675	601.200	1.415	2.788	626.500	1.454	2.861	643.000	1.489
54		2.280	512.300	1.290	2.678	601.800	1.416	2.790	627.000	1.456	2.864	643.500	1.491
55		2.365	531.400	1.339	2.778	624.300	1.469	2.895	650.500	1.510	2.971	667.600	1.546
56		2.452	550.900	1.388	2.880	647.200	1.523	3.001	674.400	1.566	3.080	692.100	1.603
57		2.540	570.800	1.438	2.984	670.500	1.578	3.110	698.700	1.622	3.191	717.000	1.661
	2 1/4	2.554	573.700	1.445	2.999	674.000	1.586	3.126	702.300	1.631	3.208	720.700	1.669
58		2.630	591.000	1.489	3.090	694.300	1.633	3.219	723.400	1.679	3.304	742.500	1.719
59		2.721	611.500	1.540	3.197	718.400	1.690	3.331	748.600	1.738	3.419	768.200	1.779
60		2.814	632.500	1.593	3.307	742.900	1.748	3.445	774.100	1.797	3.535	794.500	1.840
	2 3/8	2.845	639.300	1.611	3.343	751.000,0	1.767	3.482	782.600	1.817	3.574	803.100,0	1.860
61		2.909	653.700	1.647	3.418	768.000,0	1.807	3.561	800.200	1.858	3.655	821.200,0	1.902
62		3.005	675.300	1.701	3.530	793.400,0	1.867	3.678	826.700	1.919	3.775	848.300,0	1.965
63		3.103	697.300	1.757	3.645	819.200,0	1.928	3.798	853.600	1.981	3.898	876.000,0	2.029
	2 1/2	3.152	708.300	1.785	3.703	832.300,0	1.958	3.859	867.200	2.013	3.960	890.000,0	2.061
64		3.202	719.600	1.813	3.762	845.400,0	1.989	3.920	880.900	2.045	4.023	904.000,0	2.094
65		3.303	742.300	1.870	3.880	871.900,0	2.052	4.043	908.700	2.109	4.149	932.500,0	2.160
66		3.405	765.300	1.928	4.000	899.000,0	2.116	4.168	936.800	2.175	4.278	961.400,0	2.227
	2 5/8	3.476	781.000	1.968	4.083	917.400,0	2.159	4.255	956.000	2.219	4.366	981.200,0	2.272
67		3.509	788.700	1.987	4.122	926.500,0	2.180	4.296	965.400	2.241	4.408	990.700,0	2.295
68		3.615	812.400	2.047	4.247	954.400,0	2.246	4.425	994.400	2.308	4.541	1.020.500	2.364
69		3.722	836.400	2.107	4.373	982.600,0	2.312	4.556	1.023.800	2.377	4.675	1.050.800	2.434
	2 3/4	3.814	857.200	2.159	4.481	1.007.000	2.370	4.669	1.049.300	2.436	4.792	1.076.800	2.494
70		3.831	860.800	2.169	4.500	1.011.300	2.380	4.689	1.053.800	2.446	4.812	1.081.500	2.505
71		3.941	885.600	2.231	4.630	1.040.400	2.448	Upon Request			Upon Request		
72		4.053	910.800	2.294	4.761	1.069.900	2.518						
73		4.166	936.300	2.359	4.894	1.099.800	2.588						
	2 7/8	4.169	936.900	2.360	4.897	1.100.600	2.590						
74		4.281	962.100	2.424	5.029	1.130.200	2.660						
75		4.398	988.200	2.490	5.166	1.161.000	2.732						



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76		4.515	1.014.800	2.556	5.305	1.192.200	2.805	Upon Request	Upon Request				
	3	4.540	1.020.200	2.570	5.332	1.198.400	2.820						
77		4.636	1.041.600	2.624	5.445	1.223.700	2.880						
78		4.756	1.068.900	2.693	5.588	1.255.700	2.955						
79		4.879	1.096.500	2.762	5.731	1.288.100	3.031						
	3 1/8	4.926	1.106.900	2.789	5.787	1.300.400	3.060						
80		5.004	1.124.500	2.833	5.878	1.320.900	3.108						
82		5.256	1.181.300	2.975	6.176	1.387.900	3.266						
	3 1/4	5.327	1.197.300	3.015	6.258	1.406.500	3.310						
84		5.516	1.239.700	3.122	6.480	1.456.400	3.427						
	3 3/8	5.745	1.291.100	3.252	6.749	1.516.800	3.569						
86		5.782	1.299.400	3.273	6.793	1.526.600	3.592						
88		6.054	1.360.600	3.427	7.113	1.598.400	3.761						
	3 1/2	6.178	1.388.500	3.497	7.259	1.631.300	3.839						
90		6.333	1.423.100	3.584	7.439	1.671.900	3.934						
92		6.617	1.487.200	3.745	7.773	1.746.900	4.111						
	3 5/8	6.628	1.489.600	3.751	7.786	1.749.900	4.118						
94		6.908	1.552.500	3.910	8.115	1.823.800	4.292						
	3 3/4	7.093	1.594.000	4.015	8.332	1.872.600	4.406						
96		7.205	1.619.300	4.078	8.464	1.902.200	4.476						
98		7.508	1.687.400	4.250	8.820	1.982.300	4.665						
	3 7/8	7.574	1.702.100	4.287	8.897	1.999.600	4.705						
100		7.818	1.757.000	4.425	9.184	2.064.100	4.857						
	4	8.070	1.813.700	4.568	9.481	2.130.600	5.014						
102		8.134	1.828.000	4.604	9.555	2.147.500	5.053						
104		8.456	1.900.400	4.786	9.933	2.232.500	5.253						
	4 1/8	8.582	1.928.800	4.858	10.082	2.265.900	5.332						
106		8.784	1.974.200	4.972	10.319	2.319.200	5.457						
	4 1/4	9.110	2.047.500	5.156	10.702	2.405.300	5.660						
108		9.119	2.049.400	5.161	10.712	2.407.500	5.665						
110		9.460	2.126.000	5.354	11.113	2.497.500	5.877						
	4 3/8	9.654	2.169.800	5.464	11.341	2.548.900	5.998						
112		9.807	2.204.000	5.551	11.520	2.589.200	6.092						
114		10.160	2.283.500	5.751	11.935	2.682.500	6.312						
	4 1/2	10.213	2.295.500	5.781	11.998	2.696.700	6.345						
116		10.520	2.364.300	5.954	12.358	2.777.500	6.535						
	4 5/8	10.789	2.424.800	6.107	12.674	2.848.600	6.703						
118		10.886	2.446.500	6.161	12.788	2.874.000	6.763						
120		11.258	2.530.200	6.372	13.225	2.972.400	6.994						