



WIRE ROPE SLINGS (IWRC 1960 Grade)

SLING CHART FOR WIRE ROPE SLINGS (IWRC 1960 Grade)

This chart generally in accordance with BSEN 13414-1

Unit Rope Size (mm)	Working Load Limit					Minimum Breaking Load (Unit Rope) Tonne	Proof Load Per Leg @ 0 Degrees (if required) Tonne
	Single Leg	0-90° included angle		0-120° included angle			
		2 Legged	3/4 Legged	2 Legged	3-4 Legged		
		Tonne	Tonne	Tonne	Tonne		
8	0.82	1.15	1.73	0.82	1.23	4.55	1.64
10	1.28	1.80	2.71	1.28	1.92	7.11	2.56
12	1.83	2.58	3.88	1.83	2.74	10.19	3.66
13	2.16	3.05	4.58	2.16	3.24	12.03	4.32
14	2.51	3.54	5.32	2.51	3.76	13.97	5.02
16	3.28	4.63	6.95	3.28	4.92	18.25	6.56
18	4.14	5.85	8.78	4.14	6.21	23.04	8.28
19	4.80	6.78	10.18	4.80	7.20	26.70	9.60
20	5.12	7.23	10.85	5.12	7.68	28.45	10.24
22	6.20	8.76	13.15	6.20	9.30	34.46	12.40
24	7.37	10.42	15.63	7.37	11.05	40.99	14.74
26	8.66	12.24	18.36	8.66	12.99	48.13	17.32
28	10.04	14.19	21.29	10.04	15.06	55.77	20.08
32	13.12	18.55	27.82	13.12	19.68	72.90	26.24
35	15.67	22.15	33.23	15.67	23.50	87.10	31.34
36	16.59	23.45	35.18	16.59	24.88	92.18	33.18
38	18.54	26.21	39.23	18.54	27.81	103.00	37.08
40	20.55	29.05	43.58	20.55	30.82	114.20	41.10
44	24.77	35.02	52.53	24.77	37.15	137.66	49.54
48	29.55	41.78	62.67	29.55	44.32	164.17	59.10
52	34.69	49.05	73.57	34.69	52.03	192.72	69.38
54	36.16	51.13	76.69	36.16	54.24	200.90	72.32
56	40.19	56.82	85.24	40.19	60.28	223.32	80.38
60	46.07	65.14	97.71	46.07	69.10	255.94	92.14
64	49.37	69.80	104.71	49.37	74.05	274.30	98.74
71	60.01	84.85	127.28	60.01	90.01	333.45	120.02
77	69.93	98.88	148.32	69.93	104.89	388.51	139.86
80	75.07	104.14	159.22	75.07	112.60	417.06	150.14
83	80.38	113.65	170.48	80.38	120.57	446.64	160.76
87	87.73	124.05	186.07	87.73	131.59	487.42	175.46
90	93.42	132.09	198.14	93.42	140.13	519.04	186.84
96	103.32	146.09	219.14	103.32	154.98	574.00	206.64
103	116.46	164.67	247.01	116.46	174.69	647.00	232.92
109	130.50	184.52	276.79	130.50	195.75	725.00	261.00
115	145.08	205.14	307.71	145.08	217.62	806.00	290.16
122	160.20	226.52	339.78	160.20	240.30	890.00	320.40
128	176.04	248.92	373.38	176.04	264.06	978.00	352.08



The information presented is accurate to the best of our knowledge. Since any application and conditions of use are outside of our control. All recommendations and suggestions must be without guarantee.

PT FRANKLIN OFFSHORE INDONESIA PERKASA Disclaims any liability incurred in connection with the use of these data or suggestions.

