

CWR Canada Wire Rope Specification

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Items: 8×K31WS+IWRC & 8×K36WS+IWRC

Advantage:

- Excellent anti-abrasion performance and fatigue resistance.
- Excellent extrusion-resistance and shock resistance.
- Higher breaking force、 bigger wire rope filling coefficient.

Occasions:

- For ship-unloaders, quayside container cranes.

Nominal diameter	Reference weight	Nominal tensile strength/MPa		
mm	kg/100m	1670	1770	1870
		Minimum breaking force/kN		
18	161	222	235	248
20	198	274	290	307
22	240	331	351	371
24	285	394	418	442
26	335	463	491	518
28	388	537	569	601
30	445	616	653	690
32	507	701	743	785
34	572	792	839	886
36	642	887	941	994
38	715	989	1050	1110
40	793	1100	1160	1230
42	874	1210	1280	1350
44	958	1330	1400	1480
46	1050	1450	1540	1620
48	1140	1580	1670	1770
50	1240	1710	1810	1920
52	1340	1850	1960	2070
54	1440	2000	2120	2240
56	1550	2150	2280	2400
58	1670	2300	2440	2580
60	1780	2460	2610	2760
62	1900	2630	2790	2950
64	2030	2800	2970	3140
66	2160	2980	3160	3340
68	2290	3170	3360	3550
70	2430	3360	3560	3760

Note: Recommend Grade 1770MPa (YB/T 5359-2010), not able to work with stress relief machine.

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