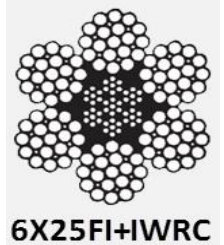


(Construction) : 6X25FI+IWRC

Standard : EN12385

Main Applications : Various equipment for derricking, lifting and drawing; the rope with wire core can be used under the shock load, heated and squeezed conditions such as electric shares.



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6X25FI+IWRC

Nominal Diameter	Approx Weight		Nominal Tensile Strength of Rope(MPa)							
		1570		1670		1770		1870		
mm	IWR/IWS	IWR/IWS		IWR/IWS		IWR/IWS		IWR/IWS		
	kg/100m	Minimum Breaking Load of Rope (KN)								
		TON	KN	TON	KN	TON	KN	TON	KN	
6	15.1	2.050	20.1	2.183	21.4	2.315	22.7	2.448	24	
7	20.5	2.795	27.4	2.968	29.1	3.142	30.8	3.325	32.6	
8	26.8	3.652	35.8	3.876	38	4.111	40.3	4.345	42.6	
9	33.9	4.621	45.3	4.916	48.2	5.202	51	5.498	53.9	
10	41.8	5.702	55.9	6.069	59.5	6.426	63	6.793	66.6	
11	50.6	6.895	67.6	7.334	71.9	7.772	76.2	8.221	80.6	
12	60.2	8.211	80.5	8.731	85.6	9.251	90.7	9.782	95.9	
13	70.6	9.639	94.5	10.200	100	10.812	106	11.526	113	
14	81.9	11.220	110	11.934	117	12.648	124	13.260	130	
16	107	14.586	143	15.504	152	16.422	161	17.340	170	
18	135	18.462	181	19.686	193	20.808	204	22.032	216	
20	167	22.848	224	24.276	238	25.704	252	27.132	266	
22	202	27.642	271	29.376	288	31.110	305	32.844	322	
24	241	32.844	322	34.884	342	37.026	363	39.066	383	
26	283	38.556	378	41.004	402	43.452	426	45.900	450	
28	328	44.676	438	47.532	466	50.388	494	53.244	522	
30	376	51.306	503	54.570	535	57.834	567	61.098	599	
32	428	58.344	572	62.118	609	65.790	645	69.564	682	
34	483	65.892	646	70.074	687	74.256	728	78.540	770	
36	542	73.848	724	78.540	770	89.454	877	88.026	863	
38	604	82.314	807	87.516	858	92.820	910	98.022	961	
40	669	91.188	894	97.002	951	109.140	1070	109.140	1070	
42	737	100.572	986	107.100	1050	113.220	1110	119.340	1170	
44	809	110.160	1080	117.300	1150	124.440	1220	131.580	1290	
46	884	120.360	1180	128.520	1260	135.660	1330	143.820	1410	
48	963	131.580	1290	139.740	1370	147.900	1450	156.060	1530	
50	1050	142.800	1400	151.980	1490	161.160	1580	169.320	1660	
52	1130	154.020	1510	164.220	1610	173.400	1700	183.600	1800	
54	1220	166.260	1630	176.460	1730	187.680	1840	197.880	1940	
56	1310	178.500	1750	189.720	1860	201.960	1980	213.180	2090	
58	1410	191.760	1880	204.000	2000	216.240	2120	228.480	2240	
60	1500	205.020	2010	218.280	2140	231.540	2270	244.800	2400	
62	1610	219.300	2150	233.580	2290	246.840	2420	261.120	2560	
64	1710	233.580	2290	248.880	2440	263.160	2580	278.460	2730	
66	1820	247.860	2430	264.180	2590	279.480	2740	295.800	2900	
68	1930	263.160	2580	280.500	2750	296.820	2910	314.160	3080	
70	2050	279.480	2740	296.820	2910	315.180	3090	332.520	3260	
72	2170	295.800	2900	314.160	3080	333.540	3270	351.900	3450	
74	2290	312.120	3060	332.520	3260	351.900	3450	372.300	3650	
76	2410	329.460	3230	349.860	3430	371.280	3640	392.700	3850	
78	2540	346.800	3400	369.240	3620	390.660	3830	413.100	4050	
80	2680	365.160	3580	387.600	3800	411.060	4030	434.520	4260	