

### Wire Rope 6x31WS+FC



**Characteristics:** Parallel laid, with a large metallic cross-section, high breaking load relative to the rope diameter.

| 钢丝绳公称直径<br>Nominal rope diameter<br>(mm) | 参考重量 Approx. weight<br>(kg/100m) |                  |          | 钢丝绳公称抗拉强度 Rope grade (MPa)           |          |           |          |           |          |           |          |           |          |           |          |
|--|----------------------------------|------------------|----------|--------------------------------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
|  |                                  |                  |          | 1570                                 |          | 1670      |          | 1770      |          | 1870      |          | 1960      |          | 2160      |          |
|  | 天然<br>纤维芯<br>NFC                 | 合成<br>纤维芯<br>SFC | 钢芯<br>WC | 钢丝绳最小破断拉力 Minimum breaking load (kN) |          |           |          |           |          |           |          |           |          |           |          |
|  |                                  |                  |          | 纤维芯<br>FC                            | 钢芯<br>WC | 纤维芯<br>FC | 钢芯<br>WC | 纤维芯<br>FC | 钢芯<br>WC | 纤维芯<br>FC | 钢芯<br>WC | 纤维芯<br>FC | 钢芯<br>WC | 纤维芯<br>FC | 钢芯<br>WC |
| 8  | 24.3                             | 23.7             | 26.8     | 33.2                                 | 35.8     | 35.3      | 38.0     | 37.4      | 40.3     | 39.5      | 42.6     | 41.4      | 44.7     | 45.6      | 49.2     |
| 10                                       | 38.0                             | 37.1             | 41.8     | 51.8                                 | 55.9     | 55.1      | 59.5     | 58.4      | 63.0     | 61.7      | 66.6     | 64.7      | 69.8     | 71.3      | 76.9     |
| 12                                       | 54.7                             | 53.4             | 60.2     | 74.6                                 | 80.5     | 79.4      | 85.6     | 84.1      | 90.7     | 88.9      | 95.9     | 93.1      | 100      | 103       | 111      |
| 13                                       | 64.2                             | 62.7             | 70.6     | 87.6                                 | 94.5     | 93.1      | 100.5    | 98.7      | 106      | 104       | 112      | 109       | 118      | 120       | 130      |
| 14                                       | 74.5                             | 72.7             | 81.9     | 102                                  | 110      | 108       | 117      | 114       | 124      | 121       | 130      | 127       | 137      | 140       | 151      |
| 16                                       | 97.3                             | 95.0             | 107      | 133                                  | 143      | 141       | 152      | 150       | 161      | 158       | 170      | 166       | 179      | 182       | 197      |
| 18                                       | 123                              | 120              | 135      | 168                                  | 181      | 179       | 193      | 189       | 204      | 200       | 216      | 210       | 226      | 231       | 249      |
| 20                                       | 152                              | 148              | 167      | 207                                  | 224      | 220       | 238      | 234       | 252      | 247       | 266      | 259       | 279      | 285       | 308      |
| 22                                       | 184                              | 180              | 202      | 251                                  | 271      | 267       | 288      | 283       | 305      | 299       | 322      | 313       | 338      | 345       | 372      |
| 24                                       | 219                              | 214              | 241      | 298                                  | 322      | 317       | 342      | 336       | 363      | 355       | 383      | 373       | 402      | 411       | 443      |
| 26                                       | 257                              | 251              | 283      | 350                                  | 378      | 373       | 402      | 395       | 426      | 417       | 450      | 437       | 472      | 482       | 520      |
| 28                                       | 298                              | 291              | 328      | 406                                  | 438      | 432       | 466      | 458       | 494      | 484       | 522      | 507       | 547      | 559       | 603      |
| 30                                       | 342                              | 334              | 376      | 466                                  | 503      | 496       | 535      | 526       | 567      | 555       | 599      | 582       | 628      | 642       | 692      |
| 32                                       | 389                              | 380              | 428      | 531                                  | 572      | 564       | 609      | 598       | 645      | 632       | 682      | 662       | 715      | 730       | 787      |
| 34                                       | 439                              | 429              | 483      | 599                                  | 646      | 637       | 687      | 675       | 728      | 713       | 770      | 748       | 807      | 824       | 889      |
| 36                                       | 492                              | 481              | 542      | 671                                  | 724      | 714       | 770      | 757       | 817      | 800       | 863      | 838       | 904      | 924       | 997      |
| 38                                       | 549                              | 536              | 604      | 748                                  | 807      | 796       | 858      | 843       | 910      | 891       | 961      | 934       | 1010     | 1030      | 1110     |
| 40                                       | 608                              | 594              | 669      | 829                                  | 894      | 882       | 951      | 935       | 1010     | 987       | 1070     | 1030      | 1120     | 1140      | 1230     |
| 42                                       | 670                              | 654              | 737      | 914                                  | 986      | 972       | 1050     | 1030      | 1110     | 1090      | 1170     | 1140      | 1230     | 1260      | 1360     |
| 44                                       | 736                              | 718              | 809      | 1000                                 | 1080     | 1070      | 1150     | 1130      | 1220     | 1190      | 1290     | 1250      | 1350     | 1380      | 1490     |
| 46                                       | 804                              | 785              | 884      | 1100                                 | 1180     | 1170      | 1260     | 1240      | 1330     | 1310      | 1410     | 1370      | 1480     | 1510      | 1630     |
| 48                                       | 876                              | 855              | 963      | 1190                                 | 1290     | 1270      | 1370     | 1350      | 1450     | 1420      | 1530     | 1490      | 1610     | 1640      | 1770     |
| 50                                       | 950                              | 928              | 1040     | 1300                                 | 1400     | 1380      | 1490     | 1460      | 1580     | 1540      | 1660     | 1620      | 1740     | 1780      | 1920     |
| 52                                       | 1030                             | 1000             | 1130     | 1400                                 | 1510     | 1490      | 1610     | 1580      | 1700     | 1670      | 1800     | 1750      | 1890     | 1930      | 2080     |
| 54                                       | 1110                             | 1080             | 1220     | 1510                                 | 1630     | 1610      | 1730     | 1700      | 1840     | 1800      | 1940     | 1890      | 2030     | 2080      | 2240     |
| 56                                       | 1190                             | 1160             | 1310     | 1620                                 | 1750     | 1730      | 1860     | 1830      | 1980     | 1940      | 2090     | 2030      | 2190     | 2240      | 2410     |
| 58                                       | 1280                             | 1250             | 1410     | 1740                                 | 1880     | 1850      | 2000     | 1960      | 2120     | 2080      | 2240     | 2180      | 2350     | 2400      | 2590     |
| 60                                       | 1370                             | 1340             | 1500     | 1870                                 | 2010     | 1980      | 2140     | 2100      | 2270     | 2220      | 2400     | 2330      | 2510     | 2570      | 2770     |
| 62                                       | 1460                             | 1430             | 1610     | 1990                                 | 2150     | 2120      | 2290     | 2250      | 2420     | 2370      | 2560     | 2490      | 2680     | —         | —        |
| 64                                       | 1560                             | 1520             | 1710     | 2120                                 | 2290     | 2260      | 2440     | 2390      | 2580     | 2530      | 2730     | 2650      | 2860     | —         | —        |

Note: All Specifications are approximate. Specifications are subject to change without notice.