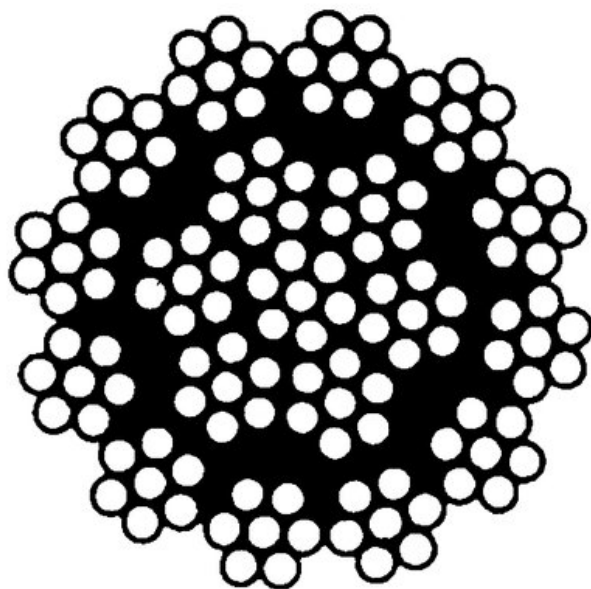


## Steel Wire Rope 19x7 (Semi-rotation resistant)



### Product information



Main- and auxiliary hoist line on mobile- and truck cranes. Often used as a single point line. Large lifting heights will require a tag line to prevent excessive spinning of the load. Smaller sizes (< 3/8") are sometimes used on overhead cranes.  
NOT recommended for construction tower cranes.

**Rope characteristic:** Using the rope to its maximum fatigue life will cause the rope to deteriorate from the inside out. Sudden rope failures may be the result. For this reason we do not recommend this construction for tower cranes. There have been fatal and catastrophic accidents involving this rope construction because of undetected inner rope fatigue.

**ISO 4309 Rope Category No:** All Diameters **RCN.23-1.**

**Rope construction:** 19x7 (Semi-rotation resistant rope)

**Marking:** According to standard

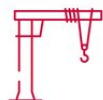
**Standard:** EN 12385-4

**RCN:** 23-1

Truck crane



Jib crane



| Part code      | Rope diameter mm | Tensile strength N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force kN | Steel area mm <sup>2</sup> | Lubrication | Weight kg/100m |
|----------------|------------------|------------------------------------|------------|----------|------------------------|----------------------------|-------------|----------------|
| 01.B30133030E0 | 3                | 1,770                              | Bright     | sZ       | 5.23                   | 3.9                        | Dry         | 3.61           |
| 01.G30133030E0 | 3                | 1,770                              | Galvanized | sZ       | 5.23                   | 3.9                        | Dry         | 3.61           |
| 01.B30133030G0 | 3                | 1,960                              | Bright     | sZ       | -                      | 3.9                        | Dry         | 3.61           |
| 01.G30133030G0 | 3                | 1,960                              | Galvanized | sZ       | -                      | 3.9                        | Dry         | 3.61           |

|                |   |       |            |    |      |      |     |      |
|----------------|---|-------|------------|----|------|------|-----|------|
| 01.B30133040E0 | 4 | 1,770 | Bright     | sZ | 9.3  | 6.93 | Dry | 6.42 |
| 01.G30133040E0 | 4 | 1,770 | Galvanized | sZ | 9.3  | 6.93 | Dry | 6.42 |
| 01.B30133040G0 | 4 | 1,960 | Bright     | sZ | 10.3 | 6.93 | Dry | 6.42 |
| 01.G30133040G0 | 4 | 1,960 | Galvanized | sZ | 10.3 | 6.93 | Dry | 6.42 |
| 01.B30133050E0 | 5 | 1,770 | Bright     | sZ | 14.5 | 10.8 | Dry | 10   |
| 01.G30133050E0 | 5 | 1,770 | Galvanized | sZ | 14.5 | 10.8 | Dry | 10   |
| 01.B30133050G0 | 5 | 1,960 | Bright     | sZ | 16.1 | 10.8 | Dry | 10   |
| 01.G30133050G0 | 5 | 1,960 | Galvanized | sZ | 16.1 | 10.8 | Dry | 10   |
| 01.B30133060E0 | 6 | 1,770 | Bright     | sZ | 20.9 | 15.6 | Dry | 14.4 |
| 01.G30133060E0 | 6 | 1,770 | Galvanized | sZ | 20.9 | 15.6 | Dry | 14.4 |
| 01.B30133060G0 | 6 | 1,960 | Bright     | sZ | 23.1 | 15.6 | Dry | 14.4 |
| 01.G30133060G0 | 6 | 1,960 | Galvanized | sZ | 23.1 | 15.6 | Dry | 14.4 |
| 01.B30133070E0 | 7 | 1,770 | Bright     | sZ | 28.4 | 21.2 | Dry | 19.6 |
| 01.G30133070E0 | 7 | 1,770 | Galvanized | sZ | 28.4 | 21.2 | Dry | 19.6 |
| 01.B30133070G0 | 7 | 1,960 | Bright     | sZ | 32   | 21.2 | Dry | 19.6 |
| 01.G30133070G0 | 7 | 1,960 | Galvanized | sZ | 32   | 21.2 | Dry | 19.6 |
| 01.B30133080E0 | 8 | 1,770 | Bright     | sZ | 37   | 27.7 | Dry | 25.7 |
| 01.G30133080E0 | 8 | 1,770 | Galvanized | sZ | 37   | 27.7 | Dry | 25.7 |
| 01.B30133080G0 | 8 | 1,960 | Bright     | sZ | 41   | 27.7 | Dry | 25.7 |
| 01.G30133080G0 | 8 | 1,960 | Galvanized | sZ | 41   | 27.7 | Dry | 25.7 |
| 01.B30133090E0 | 9 | 1,770 | Bright     | sZ | 47   | 35.1 | Dry | 32.5 |
| 01.G30133090E0 | 9 | 1,770 | Galvanized | sZ | 47   | 35.1 | Dry | 32.5 |
| 01.B30133090G0 | 9 | 1,960 | Bright     | sZ | 52   | 35.1 | Dry | 32.5 |

|                |    |       |            |    |     |      |     |      |
|----------------|----|-------|------------|----|-----|------|-----|------|
| 01.G30133090G0 | 9  | 1,960 | Galvanized | sZ | 52  | 35.1 | Dry | 32.5 |
| 01.B30133100E0 | 10 | 1,770 | Bright     | sZ | 58  | 43.3 | Dry | 40.1 |
| 01.G30133100E0 | 10 | 1,770 | Galvanized | sZ | 58  | 43.3 | Dry | 40.1 |
| 01.B30133100G0 | 10 | 1,960 | Bright     | sZ | 64  | 43.3 | Dry | 40.1 |
| 01.G30133100G0 | 10 | 1,960 | Galvanized | sZ | 64  | 43.3 | Dry | 40.1 |
| 01.B30133110E0 | 11 | 1,770 | Bright     | sZ | 70  | 52.4 | Dry | 49   |
| 01.G30133110E0 | 11 | 1,770 | Galvanized | sZ | 70  | 52.4 | Dry | 49   |
| 01.B30133110G0 | 11 | 1,960 | Bright     | sZ | 78  | 52.4 | Dry | 49   |
| 01.G30133110G0 | 11 | 1,960 | Galvanized | sZ | 78  | 52.4 | Dry | 49   |
| 01.B30133120E0 | 12 | 1,770 | Bright     | sZ | 84  | 62.4 | Dry | 58   |
| 01.G30133120E0 | 12 | 1,770 | Galvanized | sZ | 84  | 62.4 | Dry | 58   |
| 01.B30133120G0 | 12 | 1,960 | Bright     | sZ | 93  | 62.4 | Dry | 58   |
| 01.G30133120G0 | 12 | 1,960 | Galvanized | sZ | 93  | 62.4 | Dry | 58   |
| 01.B30133130E0 | 13 | 1,770 | Bright     | sZ | 98  | 73.2 | Dry | 68   |
| 01.G30133130E0 | 13 | 1,770 | Galvanized | sZ | 98  | 73.2 | Dry | 68   |
| 01.B30133130G0 | 13 | 1,960 | Bright     | sZ | 109 | 73.2 | Dry | 68   |
| 01.G30133130G0 | 13 | 1,960 | Galvanized | sZ | 109 | 73.2 | Dry | 68   |
| 01.B30133140E0 | 14 | 1,770 | Bright     | sZ | 114 | 84.9 | Dry | 79   |
| 01.G30133140E0 | 14 | 1,770 | Galvanized | sZ | 114 | 84.9 | Dry | 79   |
| 01.B30133140G0 | 14 | 1,960 | Bright     | sZ | 126 | 84.9 | Dry | 79   |
| 01.G30133140G0 | 14 | 1,960 | Galvanized | sZ | 126 | 84.9 | Dry | 79   |
| 01.B30133150E0 | 15 | 1,770 | Bright     | sZ | 131 | 97.4 | Dry | 90   |
| 01.G30133150E0 | 15 | 1,770 | Galvanized | sZ | 131 | 97.4 | Dry | 90   |

|                |    |       |            |    |     |      |     |     |
|----------------|----|-------|------------|----|-----|------|-----|-----|
| 01.B30133150G0 | 15 | 1,960 | Bright     | sZ | 145 | 97.4 | Dry | 90  |
| 01.G30133150G0 | 15 | 1,960 | Galvanized | sZ | 145 | 97.4 | Dry | 90  |
| 01.B30133160E0 | 16 | 1,770 | Bright     | sZ | 149 | 111  | Dry | 103 |
| 01.G30133160E0 | 16 | 1,770 | Galvanized | sZ | 149 | 111  | Dry | 103 |
| 01.B30133160G0 | 16 | 1,960 | Bright     | sZ | 165 | 111  | Dry | 103 |
| 01.G30133160G0 | 16 | 1,960 | Galvanized | sZ | 165 | 111  | Dry | 103 |
| 01.B30133180E0 | 18 | 1,770 | Bright     | sZ | 188 | 140  | Dry | 130 |
| 01.G30133180E0 | 18 | 1,770 | Galvanized | sZ | 188 | 140  | Dry | 130 |
| 01.B30133180G0 | 18 | 1,960 | Bright     | sZ | 208 | 140  | Dry | 130 |
| 01.G30133180G0 | 18 | 1,960 | Galvanized | sZ | 208 | 140  | Dry | 130 |
| 01.B30133200E0 | 20 | 1,770 | Bright     | sZ | 232 | 173  | Dry | 160 |
| 01.G30133200E0 | 20 | 1,770 | Galvanized | sZ | 232 | 173  | Dry | 160 |
| 01.B30133200G0 | 20 | 1,960 | Bright     | sZ | 257 | 173  | Dry | 160 |
| 01.G30133200G0 | 20 | 1,960 | Galvanized | sZ | 257 | 173  | Dry | 160 |
| 01.B30133220E0 | 22 | 1,770 | Bright     | sZ | 281 | 210  | Dry | 194 |
| 01.G30133220E0 | 22 | 1,770 | Galvanized | sZ | 281 | 210  | Dry | 194 |
| 01.B30133220G0 | 22 | 1,960 | Bright     | sZ | 311 | 210  | Dry | 194 |
| 01.G30133220G0 | 22 | 1,960 | Galvanized | sZ | 311 | 210  | Dry | 194 |
| 01.B30133240E0 | 24 | 1,770 | Bright     | sZ | 334 | 249  | Dry | 231 |
| 01.G30133240E0 | 24 | 1,770 | Galvanized | sZ | 334 | 249  | Dry | 231 |
| 01.B30133240G0 | 24 | 1,960 | Bright     | sZ | 370 | 249  | Dry | 231 |
| 01.G30133240G0 | 24 | 1,960 | Galvanized | sZ | 370 | 249  | Dry | 231 |
| 01.B30133260E0 | 26 | 1,770 | Bright     | sZ | 392 | 293  | Dry | 271 |

|                |    |       |            |    |     |     |     |     |
|----------------|----|-------|------------|----|-----|-----|-----|-----|
| 01.G30133260E0 | 26 | 1,770 | Galvanized | sZ | 392 | 293 | Dry | 271 |
| 01.B30133260G0 | 26 | 1,960 | Bright     | sZ | 435 | 293 | Dry | 271 |
| 01.G30133260G0 | 26 | 1,960 | Galvanized | sZ | 435 | 293 | Dry | 271 |
| 01.B30133280E0 | 28 | 1,770 | Bright     | sZ | 455 | 339 | Dry | 314 |
| 01.G30133280E0 | 28 | 1,770 | Galvanized | sZ | 455 | 339 | Dry | 314 |
| 01.B30133280G0 | 28 | 1,960 | Bright     | sZ | 504 | 339 | Dry | 314 |
| 01.G30133280G0 | 28 | 1,960 | Galvanized | sZ | 504 | 339 | Dry | 314 |
| 01.B30133300E0 | 30 | 1,770 | Bright     | sZ | 523 | 390 | Dry | 361 |
| 01.G30133300E0 | 30 | 1,770 | Galvanized | sZ | 523 | 390 | Dry | 361 |
| 01.B30133300G0 | 30 | 1,960 | Bright     | sZ | 579 | 390 | Dry | 361 |
| 01.G30133300G0 | 30 | 1,960 | Galvanized | sZ | 579 | 390 | Dry | 361 |
| 01.B30133320E0 | 32 | 1,770 | Bright     | sZ | 594 | 443 | Dry | 411 |
| 01.G30133320E0 | 32 | 1,770 | Galvanized | sZ | 594 | 443 | Dry | 411 |
| 01.B30133320G0 | 32 | 1,960 | Bright     | sZ | 658 | 443 | Dry | 411 |
| 01.G30133320G0 | 32 | 1,960 | Galvanized | sZ | 658 | 443 | Dry | 411 |
| 01.B30133340E0 | 34 | 1,770 | Bright     | sZ | 671 | 501 | Dry | 464 |
| 01.G30133340E0 | 34 | 1,770 | Galvanized | sZ | 671 | 501 | Dry | 464 |
| 01.B30133340G0 | 34 | 1,960 | Bright     | sZ | 743 | 501 | Dry | 464 |
| 01.G30133340G0 | 34 | 1,960 | Galvanized | sZ | 743 | 501 | Dry | 464 |
| 01.B30133360E0 | 36 | 1,770 | Bright     | sZ | 752 | 561 | Dry | 520 |
| 01.G30133360E0 | 36 | 1,770 | Galvanized | sZ | 752 | 561 | Dry | 520 |
| 01.B30133360G0 | 36 | 1,960 | Bright     | sZ | 833 | 561 | Dry | 520 |
| 01.G30133360G0 | 36 | 1,960 | Galvanized | sZ | 833 | 561 | Dry | 520 |

|                |    |       |            |    |       |     |     |     |
|----------------|----|-------|------------|----|-------|-----|-----|-----|
| 01.B30133380E0 | 38 | 1,770 | Bright     | sZ | 838   | 625 | Dry | 579 |
| 01.G30133380E0 | 38 | 1,770 | Galvanized | sZ | 838   | 625 | Dry | 579 |
| 01.B30133380G0 | 38 | 1,960 | Bright     | sZ | 928   | 625 | Dry | 579 |
| 01.G30133380G0 | 38 | 1,960 | Galvanized | sZ | 928   | 625 | Dry | 579 |
| 01.B30133400E0 | 40 | 1,770 | Bright     | sZ | 929   | 693 | Dry | 642 |
| 01.G30133400E0 | 40 | 1,770 | Galvanized | sZ | 929   | 693 | Dry | 642 |
| 01.B30133400G0 | 40 | 1,960 | Bright     | sZ | 1,029 | 693 | Dry | 642 |
| 01.G30133400G0 | 40 | 1,960 | Galvanized | sZ | 1,029 | 693 | Dry | 642 |