



Truck crane



Jib crane



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 it's 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

| Part Code | Rope Diameter, mm | Tensile strength N/mm ² | Finish | Rope lay. | Min. Breaking force kN | Steel area mm ² | 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 |

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|----------------|---|-------|------------|----|------|------|-----|------|
| 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 |

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|----------------|----|-------|------------|----|-----|------|-----|------|
| 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 |

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|----------------|----|-------|------------|----|-----|------|-----|-----|
| 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 |

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|----------------|----|-------|------------|----|-----|-----|-----|-----|
| 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 |

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|----------------|----|-------|------------|----|-------|-----|-----|-----|
| 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 |