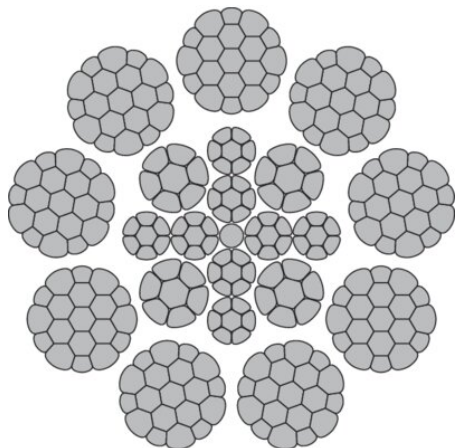


Wire rope HD9K

Product information



Typical applications: When an extremely high MBL is required for a multipart reeving hoist system: boom hoist, trolley for container cranes, luffing for mobile and crawler cranes and big height overhead cranes and electric hoists with a minimum of 2 or 3 falls.

Is available also with plastic core (PI). A plastic layer between the steel core and the outer strands, gives the rope a high structural stability, avoiding internal rope destruction and protecting the core against corrosive environment. Recommended for all marine and offshore applications and other severe working environmental conditions.

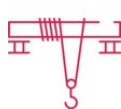
Standard: EN 12385-4

ISO 4309 Rope Category No: 9x16 RCN.06, 9x19 RCN.07, 9x26 RCN 10
... [Read more](#)

Winch rope



Overhead cranes



Tower crane



Container crane



Mobile port crane



Offshore crane



Loading crane



Crawler crane



Rope construction: 9 outer compacted strands closed in the opposite lay off the inner core strands leading the HD9K to have a low torque for a better stability of the sheave blocks.

Fill factor: 0.7
RCN: 06

Wire rope HD9K

Technical data

| 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 |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 103100904270059 | 9 | 1,960 | Galvanized | sZ | 75.7 | 44.8 | SupplierStandard | 39 |
| 103100903270059 | 9 | 1,960 | Galvanized | zS | 75.7 | 44.8 | SupplierStandard | 39 |
| 103100904300059 | 9 | 2,160 | Galvanized | sZ | 80.4 | 44.8 | SupplierStandard | 39 |
| 103100903300059 | 9 | 2,160 | Galvanized | zS | 80.4 | 44.8 | SupplierStandard | 39 |
| 103101004270059 | 10 | 1,960 | Galvanized | sZ | 93 | 55.1 | SupplierStandard | 48 |
| 103101003270059 | 10 | 1,960 | Galvanized | zS | 93 | 55.1 | SupplierStandard | 48 |
| 103101004300059 | 10 | 2,160 | Galvanized | sZ | 98.8 | 55.1 | SupplierStandard | 48 |
| 103101003300059 | 10 | 2,160 | Galvanized | zS | 98.8 | 55.1 | SupplierStandard | 48 |
| 103101104270059 | 11 | 1,960 | Galvanized | sZ | 112 | 66.7 | SupplierStandard | 58 |
| 103101103270059 | 11 | 1,960 | Galvanized | zS | 112 | 66.7 | SupplierStandard | 58 |
| 103101104300059 | 11 | 2,160 | Galvanized | sZ | 120 | 66.7 | SupplierStandard | 58 |
| 103101103300059 | 11 | 2,160 | Galvanized | zS | 120 | 66.7 | SupplierStandard | 58 |
| 103101204270059 | 12 | 1,960 | Galvanized | sZ | 134 | 79 | SupplierStandard | 68 |
| 103101203270059 | 12 | 1,960 | Galvanized | zS | 134 | 79 | SupplierStandard | 68 |
| 103101204300059 | 12 | 2,160 | Galvanized | sZ | 142 | 79 | SupplierStandard | 68 |
| 103101203300059 | 12 | 2,160 | Galvanized | zS | 142 | 79 | SupplierStandard | 68 |
| 103101304270059 | 13 | 1,960 | Galvanized | sZ | 158 | 93.7 | SupplierStandard | 81 |
| 103101303270059 | 13 | 1,960 | Galvanized | zS | 158 | 93.7 | SupplierStandard | 81 |
| 103101304300059 | 13 | 2,160 | Galvanized | sZ | 168 | 93.7 | SupplierStandard | 81 |
| 103101303300059 | 13 | 2,160 | Galvanized | zS | 168 | 93.7 | SupplierStandard | 81 |
| 103101404270059 | 14 | 1,960 | Galvanized | sZ | 181 | 107 | SupplierStandard | 93 |
| 103101403270059 | 14 | 1,960 | Galvanized | zS | 181 | 107 | SupplierStandard | 93 |
| 103101404300059 | 14 | 2,160 | Galvanized | sZ | 192 | 107 | SupplierStandard | 93 |
| 103101403300059 | 14 | 2,160 | Galvanized | zS | 192 | 107 | SupplierStandard | 93 |
| 103101504270059 | 15 | 1,960 | Galvanized | sZ | 210 | 124 | SupplierStandard | 107 |
| 103101503270059 | 15 | 1,960 | Galvanized | zS | 210 | 124 | SupplierStandard | 107 |
| 103101504300059 | 15 | 2,160 | Galvanized | sZ | 223 | 124 | SupplierStandard | 107 |
| 103101503300059 | 15 | 2,160 | Galvanized | zS | 223 | 124 | SupplierStandard | 107 |
| 103101604270059 | 16 | 1,960 | Galvanized | sZ | 240 | 142 | SupplierStandard | 123 |
| 103101603270059 | 16 | 1,960 | Galvanized | zS | 240 | 142 | SupplierStandard | 123 |
| 103101604300059 | 16 | 2,160 | Galvanized | sZ | 255 | 142 | SupplierStandard | 123 |

Wire rope HD9K

Technical data

| 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 |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 103101603300059 | 16 | 2,160 | Galvanized | zS | 255 | 142 | SupplierStandard | 123 |
| 103101804270059 | 18 | 1,960 | Galvanized | sZ | 302 | 179 | SupplierStandard | 154 |
| 103101803270059 | 18 | 1,960 | Galvanized | zS | 302 | 179 | SupplierStandard | 154 |
| 103101804300059 | 18 | 2,160 | Galvanized | sZ | 321 | 179 | SupplierStandard | 154 |
| 103101803300059 | 18 | 2,160 | Galvanized | zS | 321 | 179 | SupplierStandard | 154 |
| 103101904270059 | 19 | 1,960 | Galvanized | sZ | 337 | 200 | SupplierStandard | 172 |
| 103101903270059 | 19 | 1,960 | Galvanized | zS | 337 | 200 | SupplierStandard | 172 |
| 103101904300059 | 19 | 2,160 | Galvanized | sZ | 358 | 200 | SupplierStandard | 172 |
| 103101903300059 | 19 | 2,160 | Galvanized | zS | 358 | 200 | SupplierStandard | 172 |
| 103102004270059 | 20 | 1,960 | Galvanized | sZ | 367 | 217 | SupplierStandard | 187 |
| 103102003270059 | 20 | 1,960 | Galvanized | zS | 367 | 217 | SupplierStandard | 187 |
| 103102004300059 | 20 | 2,160 | Galvanized | sZ | 389 | 217 | SupplierStandard | 187 |
| 103102003300059 | 20 | 2,160 | Galvanized | zS | 389 | 217 | SupplierStandard | 187 |
| 103102204270059 | 22 | 1,960 | Galvanized | sZ | 448 | 266 | SupplierStandard | 229 |
| 103102203270059 | 22 | 1,960 | Galvanized | zS | 448 | 266 | SupplierStandard | 229 |
| 103102204300059 | 22 | 2,160 | Galvanized | sZ | 476 | 266 | SupplierStandard | 229 |
| 103102203300059 | 22 | 2,160 | Galvanized | zS | 476 | 266 | SupplierStandard | 229 |
| 103102404270059 | 24 | 1,960 | Galvanized | sZ | 529 | 314 | SupplierStandard | 271 |
| 103102403270059 | 24 | 1,960 | Galvanized | zS | 529 | 314 | SupplierStandard | 271 |
| 103102404300059 | 24 | 2,160 | Galvanized | sZ | 562 | 314 | SupplierStandard | 271 |
| 103102403300059 | 24 | 2,160 | Galvanized | zS | 562 | 314 | SupplierStandard | 271 |
| 103102504270059 | 25 | 1,960 | Galvanized | sZ | 578 | 342 | SupplierStandard | 295 |
| 103102503270059 | 25 | 1,960 | Galvanized | zS | 578 | 342 | SupplierStandard | 295 |
| 103102504300059 | 25 | 2,160 | Galvanized | sZ | 614 | 342 | SupplierStandard | 295 |
| 103102503300059 | 25 | 2,160 | Galvanized | zS | 614 | 342 | SupplierStandard | 295 |
| 103102604270059 | 26 | 1,960 | Galvanized | sZ | 635 | 376 | SupplierStandard | 324 |
| 103102603270059 | 26 | 1,960 | Galvanized | zS | 635 | 376 | SupplierStandard | 324 |
| 103102604300059 | 26 | 2,160 | Galvanized | sZ | 674 | 376 | SupplierStandard | 324 |
| 103102603300059 | 26 | 2,160 | Galvanized | zS | 674 | 376 | SupplierStandard | 324 |
| 103102804270059 | 28 | 1,960 | Galvanized | sZ | 722 | 428 | SupplierStandard | 369 |
| 103102803270059 | 28 | 1,960 | Galvanized | zS | 722 | 428 | SupplierStandard | 369 |

Wire rope HD9K

Technical data

| 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 |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 103102804300059 | 28 | 2,160 | Galvanized | sZ | 767 | 428 | SupplierStandard | 369 |
| 103102803300059 | 28 | 2,160 | Galvanized | zS | 767 | 428 | SupplierStandard | 369 |
| 103103004270059 | 30 | 1,960 | Galvanized | sZ | 826 | 489 | SupplierStandard | 422 |
| 103103003270059 | 30 | 1,960 | Galvanized | zS | 826 | 489 | SupplierStandard | 422 |
| 103103004300059 | 30 | 2,160 | Galvanized | sZ | 877 | 489 | SupplierStandard | 422 |
| 103103003300059 | 30 | 2,160 | Galvanized | zS | 877 | 489 | SupplierStandard | 422 |
| 103103204270059 | 32 | 1,960 | Galvanized | sZ | 945 | 560 | SupplierStandard | 483 |
| 103103203270059 | 32 | 1,960 | Galvanized | zS | 945 | 560 | SupplierStandard | 483 |
| 103103204300059 | 32 | 2,160 | Galvanized | sZ | 1,003 | 560 | SupplierStandard | 483 |
| 103103203300059 | 32 | 2,160 | Galvanized | zS | 1,003 | 560 | SupplierStandard | 483 |
| 103103404270059 | 34 | 1,960 | Galvanized | sZ | 1,061 | 629 | SupplierStandard | 542 |
| 103103403270059 | 34 | 1,960 | Galvanized | zS | 1,061 | 629 | SupplierStandard | 542 |
| 103103404300059 | 34 | 2,160 | Galvanized | sZ | 1,128 | 629 | SupplierStandard | 542 |
| 103103403300059 | 34 | 2,160 | Galvanized | zS | 1,128 | 629 | SupplierStandard | 542 |
| 103103504270059 | 35 | 1,960 | Galvanized | sZ | 1,127 | 668 | SupplierStandard | 576 |
| 103103503270059 | 35 | 1,960 | Galvanized | zS | 1,127 | 668 | SupplierStandard | 576 |
| 103103504300059 | 35 | 2,160 | Galvanized | sZ | 1,197 | 668 | SupplierStandard | 576 |
| 103103503300059 | 35 | 2,160 | Galvanized | zS | 1,197 | 668 | SupplierStandard | 576 |