

## Wirerope 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

**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.

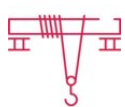
**Fill factor:** 0.7

**RCN:** 06

Winch rope



Overhead cranes



Tower crane



Container crane



Mobile port crane



Offshore crane



Loading crane



Crawler crane



Part Code	Rope Diameter, mm	Tensile strength N/mm <sup>2</sup>	Steel area mm <sup>2</sup>	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
103100904270059	9	1,960	44.8	75.7	Galvanized	sZ	39
103100903270059	9	1,960	44.8	75.7	Galvanized	zS	39
103100904300059	9	2,160	44.8	80.4	Galvanized	sZ	39
103100903300059	9	2,160	44.8	80.4	Galvanized	zS	39
103101004270059	10	1,960	55.1	93	Galvanized	sZ	48
103101003270059	10	1,960	55.1	93	Galvanized	zS	48
103101004300059	10	2,160	55.1	98.8	Galvanized	sZ	48
103101003300059	10	2,160	55.1	98.8	Galvanized	zS	48
103101104270059	11	1,960	66.7	112	Galvanized	sZ	58
103101103270059	11	1,960	66.7	112	Galvanized	zS	58
103101104300059	11	2,160	66.7	120	Galvanized	sZ	58
103101103300059	11	2,160	66.7	120	Galvanized	zS	58
103101204270059	12	1,960	79	134	Galvanized	sZ	68
103101203270059	12	1,960	79	134	Galvanized	zS	68
103101204300059	12	2,160	79	142	Galvanized	sZ	68
103101203300059	12	2,160	79	142	Galvanized	zS	68
103101304270059	13	1,960	93.7	158	Galvanized	sZ	81
103101303270059	13	1,960	93.7	158	Galvanized	zS	81
103101304300059	13	2,160	93.7	168	Galvanized	sZ	81
103101303300059	13	2,160	93.7	168	Galvanized	zS	81
103101404270059	14	1,960	107	181	Galvanized	sZ	93

103101403270059	14	1,960	107	181	Galvanized	zS	93
103101404300059	14	2,160	107	192	Galvanized	sZ	93
103101403300059	14	2,160	107	192	Galvanized	zS	93
103101504270059	15	1,960	124	210	Galvanized	sZ	107
103101503270059	15	1,960	124	210	Galvanized	zS	107
103101504300059	15	2,160	124	223	Galvanized	sZ	107
103101503300059	15	2,160	124	223	Galvanized	zS	107
103101604270059	16	1,960	142	240	Galvanized	sZ	123
103101603270059	16	1,960	142	240	Galvanized	zS	123
103101604300059	16	2,160	142	255	Galvanized	sZ	123
103101603300059	16	2,160	142	255	Galvanized	zS	123
103101804270059	18	1,960	179	302	Galvanized	sZ	154
103101803270059	18	1,960	179	302	Galvanized	zS	154
103101804300059	18	2,160	179	321	Galvanized	sZ	154
103101803300059	18	2,160	179	321	Galvanized	zS	154
103101904270059	19	1,960	200	337	Galvanized	sZ	172
103101903270059	19	1,960	200	337	Galvanized	zS	172
103101904300059	19	2,160	200	358	Galvanized	sZ	172
103101903300059	19	2,160	200	358	Galvanized	zS	172
103102004270059	20	1,960	217	367	Galvanized	sZ	187
103102003270059	20	1,960	217	367	Galvanized	zS	187
103102004300059	20	2,160	217	389	Galvanized	sZ	187
103102003300059	20	2,160	217	389	Galvanized	zS	187

103102204270059	22	1,960	266	448	Galvanized	sZ	229
103102203270059	22	1,960	266	448	Galvanized	zS	229
103102204300059	22	2,160	266	476	Galvanized	sZ	229
103102203300059	22	2,160	266	476	Galvanized	zS	229
103102404270059	24	1,960	314	529	Galvanized	sZ	271
103102403270059	24	1,960	314	529	Galvanized	zS	271
103102404300059	24	2,160	314	562	Galvanized	sZ	271
103102403300059	24	2,160	314	562	Galvanized	zS	271
103102504270059	25	1,960	342	578	Galvanized	sZ	295
103102503270059	25	1,960	342	578	Galvanized	zS	295
103102504300059	25	2,160	342	614	Galvanized	sZ	295
103102503300059	25	2,160	342	614	Galvanized	zS	295
103102604270059	26	1,960	376	635	Galvanized	sZ	324
103102603270059	26	1,960	376	635	Galvanized	zS	324
103102604300059	26	2,160	376	674	Galvanized	sZ	324
103102603300059	26	2,160	376	674	Galvanized	zS	324
103102804270059	28	1,960	428	722	Galvanized	sZ	369
103102803270059	28	1,960	428	722	Galvanized	zS	369
103102804300059	28	2,160	428	767	Galvanized	sZ	369
103102803300059	28	2,160	428	767	Galvanized	zS	369
103103004270059	30	1,960	489	826	Galvanized	sZ	422
103103003270059	30	1,960	489	826	Galvanized	zS	422
103103004300059	30	2,160	489	877	Galvanized	sZ	422

103103003300059	30	2,160	489	877	Galvanized	zS	422
103103204270059	32	1,960	560	945	Galvanized	sZ	483
103103203270059	32	1,960	560	945	Galvanized	zS	483
103103204300059	32	2,160	560	1,003	Galvanized	sZ	483
103103203300059	32	2,160	560	1,003	Galvanized	zS	483
103103404270059	34	1,960	629	1,061	Galvanized	sZ	542
103103403270059	34	1,960	629	1,061	Galvanized	zS	542
103103404300059	34	2,160	629	1,128	Galvanized	sZ	542
103103403300059	34	2,160	629	1,128	Galvanized	zS	542
103103504270059	35	1,960	668	1,127	Galvanized	sZ	576
103103503270059	35	1,960	668	1,127	Galvanized	zS	576
103103504300059	35	2,160	668	1,197	Galvanized	sZ	576
103103503300059	35	2,160	668	1,197	Galvanized	zS	576