

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

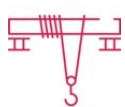
Rope construction: 9 outer compacted strands closed in the opposite lay off the inner core strands leading the HD9K to have a low torque for a better stability of the sheave blocks.

Fill factor: 0.7

Winch rope



Overhead cranes



Tower crane



Container crane



Mobile port crane



Offshore crane



Loading crane



Crawler crane



Part Code	Rope Diameter, mm	Steel area mm²	Min. Breaking force kN. 1960 N/mm²	Min. Breaking force kN. 2160 N/mm²	Weight kg/100m
01.G21---090G	9	44.8	75.7	80.4	39
01.G21---100G	10	55.1	93	98.8	48
01.G11---110G	11	66.7	112	120	58
01.G21---120G	12	79	134	142	68
01.G11---130G	13	93.7	158	168	81
01.G11---140G	14	107	181	192	93
01.G11---150G	15	124	210	223	107
01.G21---160G	16	142	240	255	123
01.G21---180G	18	179	302	321	154
01.G11---190G	19	200	337	358	172
01.G11---200G	20	217	367	389	187
01.G11---220G	22	266	448	476	229
01.G11---240G	24	314	529	562	271
01.G21---250G	25	342	578	614	295
01.G11---260G	26	376	635	674	324
01.G11---280G	28	428	722	767	369
01.G11---300G	30	489	826	877	422
01.G11---320G	32	560	945	1003	483
01.G11---340G	34	629	1061	1128	542
01.G11---350G	35	668	1127	1197	576