

## Casar Eurolift

### Product information



#### Applications:

Has a core in a special design avoiding crossover between the strands of core and preventing internal rope destruction. Hoist rope for mobile cranes, electrical hoists and other applications, where rotation-resistant ropes are required.

#### Properties:

- Rotations resistant wire rope with very high breaking force.
- Very good fatigue properties.
- Especially suitable for multiple layer spooling.

**Discard criteria:** ISO 4309 Rope Category No: 10-60mm RCN.23-3

**Rope construction:** Rotation resistant, made out of compacted outer strands and a compacted steel core.

**Marking:** According to standard

**Standard:** EN 12385-4

**Fill factor:** 0.72

**RCN:** 23-3

**Tolerance Ø:** +2% to +4%

Tower crane



Offshore crane



Mobile crane



Crawler crane



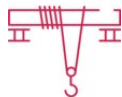
Mobile port crane



Piling crane



Overhead cranes



Part Code	Rope Diameter, mm	Steel area mm <sup>2</sup>	Min. Breaking force kN. 1960 N/mm <sup>2</sup>	Min. Breaking force kN. 2160 N/mm <sup>2</sup>	Weight kg/100m
104101005070069	10	56.2	89.6	97.4	0.49
104101106070069	11	68.7	108.8	118.4	0.6
104101206070069	12	82	130.8	139.9	0.71
104101276070069	12.7	90.8	146.4	161.4	0.79
104101306070069	13	95.2	152.7	165.4	0.83
104101406070069	14	110.4	179.1	190.9	0.96
104101506070069	15	126.3	204	219.5	1.1
104101606070069	16	145.6	230.6	249.1	1.27
104101706070069	17	163.3	257.9	280.6	1.42
104101806070069	18	183.7	293.9	317.5	1.6
104101906070069	19	204	329	352.8	1.78
104102006070069	20	227.5	362.2	391.7	1.98
104102106070069	21	249	396.1	430.9	2.17
104102206070069	22	273.9	441.4	472	2.38
104102306070069	23	299.6	471.8	513.2	2.61
104102406070069	24	326.8	524.3	564.1	2.84
104102506070069	25	348.8	567.9	609.4	3.04
104102606070069	26	377.9	614.9	657.4	3.29
104102706070069	27	410.5	654.2	711.7	3.57
104102806070069	28	442.5	712.9	765.6	3.85
104102906070069	29	473.4	754.6	821	4.12

104103006070069	30	505.4	817.4	877.9	4.4
104103106070069	31	539.7	869.7	958.4	4.7
104103206070069	32	579.4	930	1002.8	5.04
104103306070069	33	616.1	992.8	1094.1	5.36
104103406070069	34	652	1045	1130.9	5.67
104103606070069	36	735.6	1185	1262.3	6.4
104103806070069	38	815.3	1319	1412.2	7.09
104104006070069	40	909.9	1319	1412.2	7.92