

Traction rope and components.Summary

COMPONENT

Rope - Flexisteel© Ecogreen

Sockets

Deviation sheaves

Connections

Manual rescue

Security brakes

Laser aligner - NKL-70

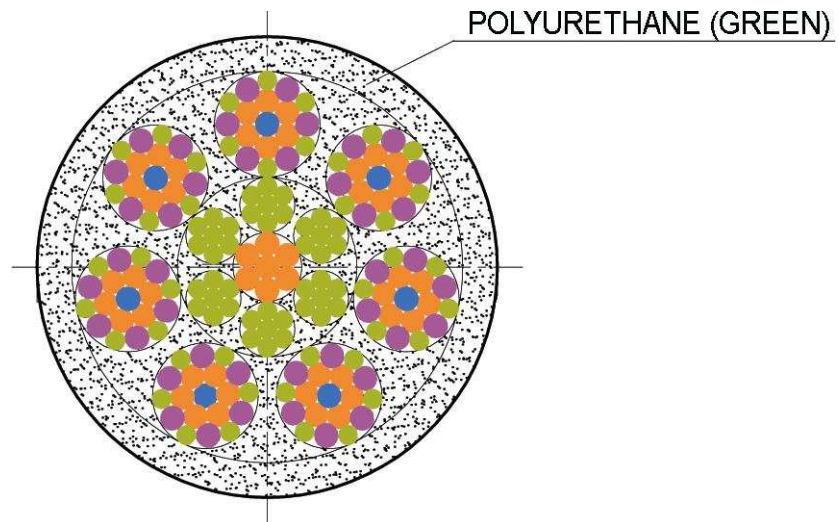
Please do not hesitate to contact Nork2, as we will be very pleased to recommend the best option to you. We have a calculation sheet that will give the number of cables needed and we will propose the most suitable configurations and components for your installation.

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FLEXISTEEL® ECOGREEN

ROPE



Flexisteel® Ecogreen.Characteristics

KP 312 // TÜV- SÜD Certificate //

Long-lasting

Must not be lubricated

Maximum comfort:
Neither vibration nor elongation nor slipping on the sheaves

Embedded: its wires do not rub together

Flexisteel® Ecogreen.Technical information

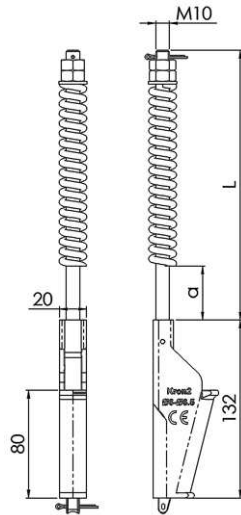
Construction: 7x7+7x19W

Resistance: $R_o > 1770 \text{Nmm}^2$

Minimum breaking load: 28kN

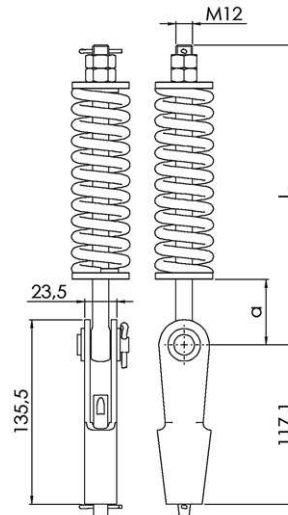


SYMMETRIC/ASYMMETRIC WEDGE SOCKETS **SOCKETS**



Asymmetric socket

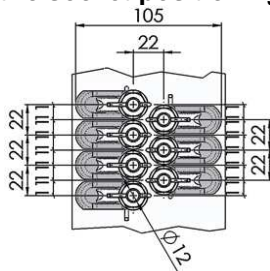
| REFERENCE | DIMENSIONS | |
|---------------|------------|----|
| | L | a |
| 13.00.00.26/1 | 200 | 40 |
| 13.00.00.30 | 155 | 40 |



Symmetric socket

| REFERENCE | DIMENSIONS | |
|--------------------|------------|-----|
| | L | a |
| 13.00.00.12 Pos. 1 | 220 | 48 |
| 13.00.00.12 Pos. 2 | 220 | 117 |
| 13.00.00.19 | 320 | 148 |

Asymmetric socket positioning sample:

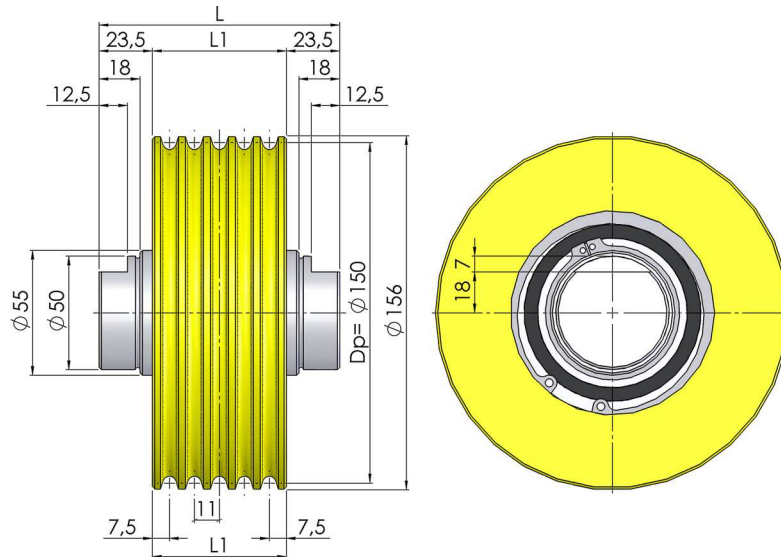


According to EN81-1+A3, 9.2.3



POLYAMIDE

DEVIATION PULLEYS



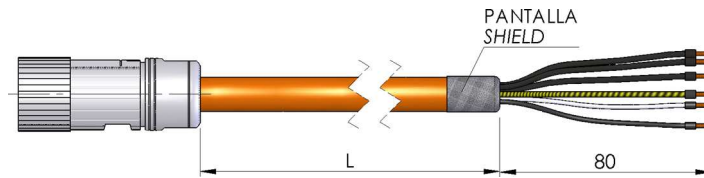
Deviation pulleys.Ø150

| REFERENCE | GARGANTAS | DIMENSIONS | |
|-------------|-----------|------------|-----|
| | | L | L1 |
| 13.16.06.10 | 5 | 106 | 59 |
| 13.16.06.11 | 7 | 128 | 81 |
| 13.16.06.12 | 9 | 150 | 103 |
| 13.16.06.13 | 11 | 172 | 125 |

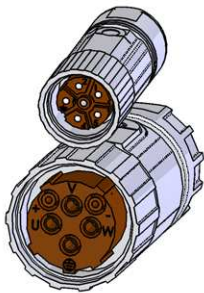
Other shafts can be defined



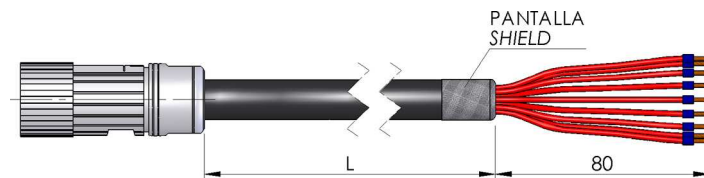
BRAKE AND MOTOR CONNECTORS CONNECTIONS



Connections.Motor connectors



| REFERENCE | MOTORS | Position | L |
|---------------|--|----------|---------------|
| 13.00.01.66/3 | Kron2.70 ... 225 Kron2US1 Kron2US2 | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lengths |
| 13.00.01.68/2 | Kron2.300 ... 400 | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lengths |



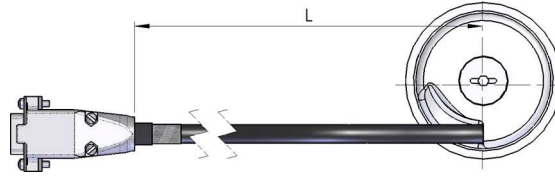
Connections.Brake connector



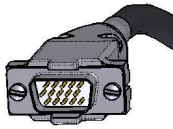
| REFERENCE | BRAKES | Position | L |
|---------------|--------|----------|---------------|
| 13.00.01.70/2 | -all- | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lengths |



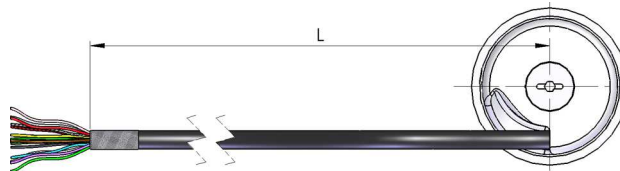
ENCODER CONNECTION CONNECTIONS



Connections.ECN413 encoder

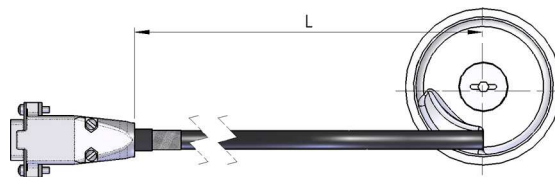


| REFERENCE | INVERTER | Position | L |
|---------------|------------------|----------|---------------|
| 13.00.01.90/2 | KEB | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lenghts |
| 13.00.01.96/1 | CONTROL TECHNICS | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lenghts |

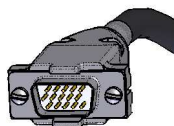


Connections.ECN413 encoder

| REFERENCE | INVERTER | Position | L |
|---------------|----------|----------|---------------|
| 13.00.01.91/2 | FUJI UDP | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lenghts |



Connections.ERN487 encoder

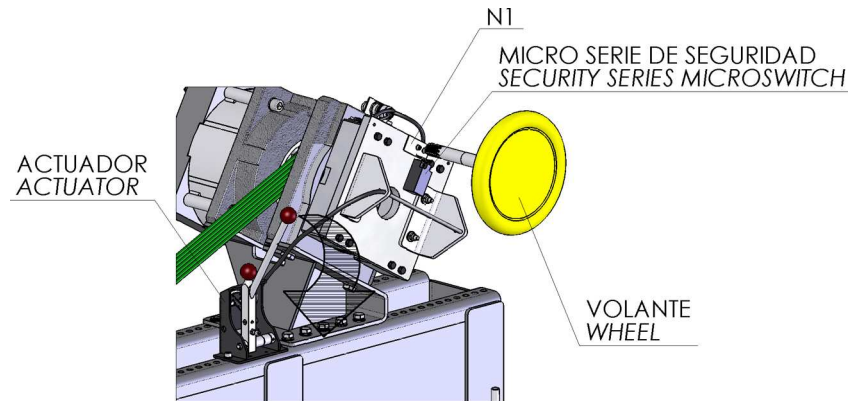


| REFERENCE | INVERTER | Position | L |
|---------------|----------|----------|---------------|
| 13.00.01.92/1 | SIEI | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lenghts |
| 13.00.01.82/3 | KEB | Pos. 1 | 5.000 |
| | | Pos. 2 | 10.000 |
| | | Pos. 3 | other lenghts |



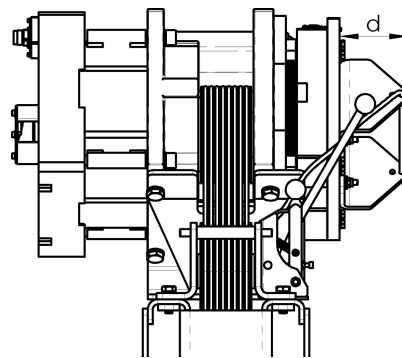
EN81-1+A3, 12.5.1

MANUAL RESCUE



Manual rescue.

| REFERENCE | DESCRIPTION |
|-------------------|----------------------------|
| 13.01.23.60 Pos.1 | Brake hand release |
| 13.01.23.60 Pos.2 | Brake hand release + wheel |



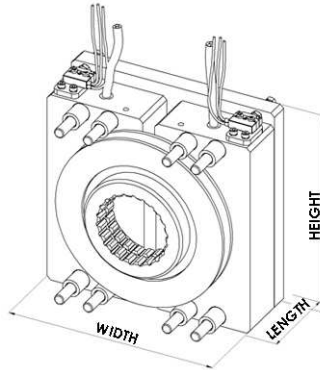
Manual rescue.

| BRAKE MODEL | d |
|-----------------|-----|
| CR236 | 110 |
| CR270G - CR290G | 180 |



CR SECURITY BRAKES

SECURITY BRAKES



Security brakes.CR brakes for Kron2 motors

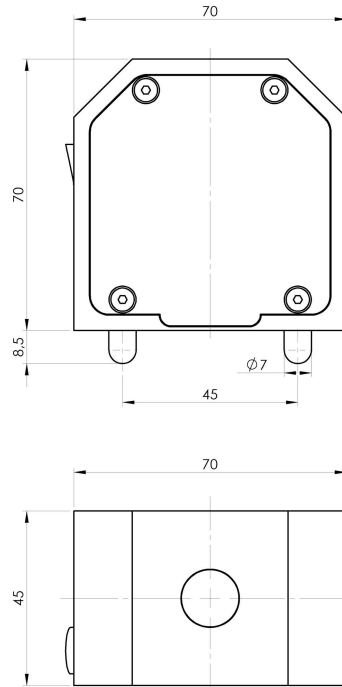
| REFERENCE | DIMENSIONS (Width x Length x Height) | MOTORS |
|---------------|---|---|
| CR200 | 210 x 210 x 86,4 | Kron2-70 Kron2US1-70 Kron2USL2 Kron2USLHL2 |
| | 250 x 226 x 86,4 | Kron2US1-105 Kron2US1-150 |
| CR236 | 250 x 270 x 86,4 | Kron2-105 Kron2-150 Kron2US2-105 |
| | 280 x 280 x 86,4 | Kron2-225 Kron2-300 Kron2US2.180 |
| CR270G | 300 x 296 x 101,4 | Kron2-350 Kron2-400 |

According to:
95/16/EC
EN81-1+A3



NKL-70

LASER ALIGNER



NKL-70.Characteristics

Fits our pulleys perfectly

Easier alignments and revisions

Helps to align the guides, pulleys, fastening clamps, etc.

Simple visual references for the alignment

