

## Spare part list

### STAR LIFTKET | Electric chain hoist



MADE IN GERMANY

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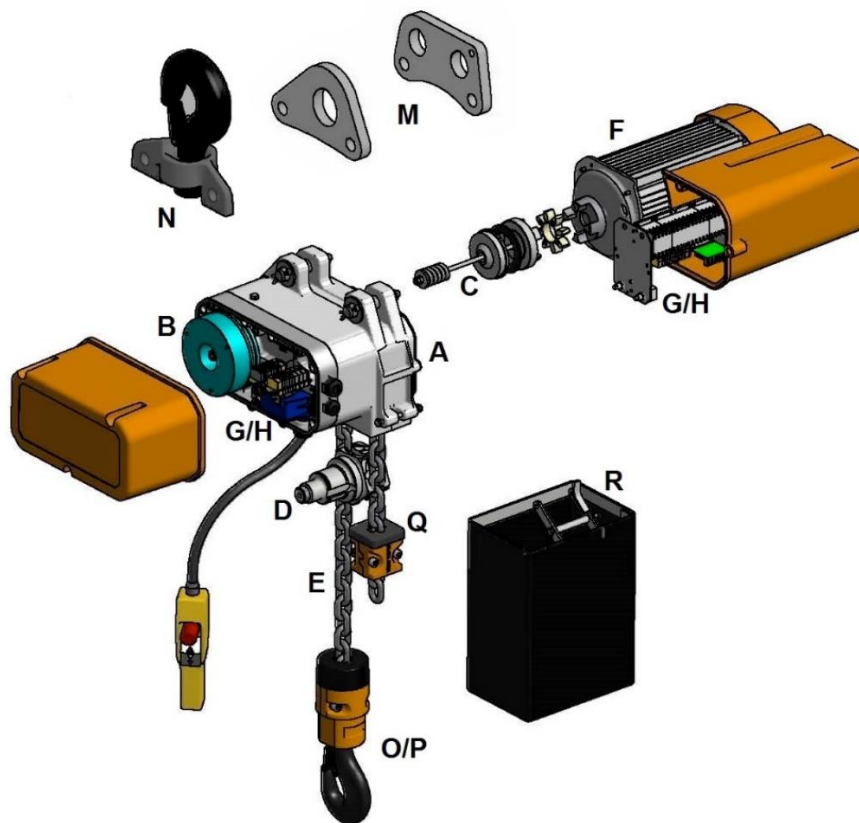
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 [sales@liftket.de](mailto:sales@liftket.de)

 [www.liftket.de](http://www.liftket.de)

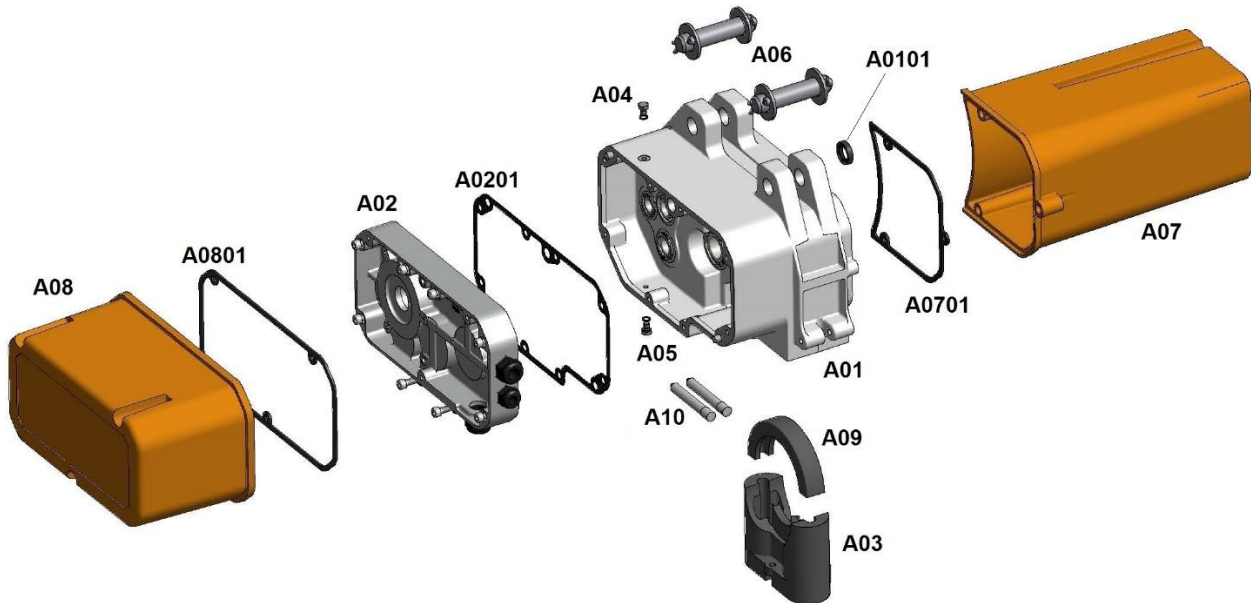
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## Overview



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## A Hoist body



### Version STAR 02./..

| Code  | Description                        | Version                | Order number      |
|-------|------------------------------------|------------------------|-------------------|
| A01   | hoist body cpl.                    | STAR 02./..            | 03 9 020 52 001/1 |
|       |                                    | STAR 020/50            | 03 9 020 50 001/1 |
| A0101 | shaft seal                         |                        | 64 10012 02407    |
| A02   | gear cover cpl.                    | STAR 02./..            | 03 9 020 52 002/1 |
|       |                                    | STAR 020/50            | 03 9 020 50 002/1 |
| A0201 | gasket for gear cover              |                        | 03 0 020 50 035/0 |
| A03   | chain guide cpl.                   | with limit switches    | 03 9 020 50 008/1 |
|       | chain guide cpl.                   | without limit switches | 03 8 020 50 008/0 |
| A04   | oil filling screw cpl.             |                        | 01 9 00A 200/0    |
| A05   | oil draining screw cpl.            |                        | 01 9 00A 201/0    |
| A06   | set of bolts                       |                        | 03 9 020 50 210/0 |
| A07   | cap for electric control cpl.      |                        | 03 9 020 50 005/0 |
| A0701 | gasket for cap of electric control |                        | 03 0 020 50 039/0 |
| A08   | cap for gear cover cpl.            |                        | 03 9 020 50 004/0 |
| A0801 | gasket for cap of gear cover       |                        | 03 0 020 50 036/0 |
| A09   | hold down                          |                        | 53 S0020 02900    |
| A10   | chain fork                         |                        | 23 S0020 00070    |

**Version STAR 03./..**

| <b>Code</b>  | <b>Description</b>                 | <b>Version</b>         | <b>Order number</b> |
|--------------|------------------------------------|------------------------|---------------------|
| <b>A01</b>   | hoist body cpl.                    |                        | 03 9 020 52 001/1   |
| <b>A0101</b> | shaft seal                         |                        | 64 10012 02407      |
| <b>A02</b>   | gear cover cpl.                    |                        | 03 9 020 52 002/1   |
| <b>A0201</b> | gasket for gear cover              |                        | 03 0 020 50 035/0   |
| <b>A03</b>   | chain guide cpl.                   | with limit switches    | 03 9 030 50 008/1   |
|              | chain guide cpl.                   | without limit switches | 03 8 030 50 008/0   |
| <b>A04</b>   | oil filling screw cpl.             |                        | 01 9 00A 200/0      |
| <b>A05</b>   | oil draining screw cpl.            |                        | 01 9 00A 201/0      |
| <b>A06</b>   | set of bolts                       |                        | 03 9 020 50 210/0   |
| <b>A07</b>   | cap for electric control cpl.      |                        | 03 9 020 50 005/0   |
| <b>A0701</b> | gasket for cap of electric control |                        | 03 0 020 50 039/0   |
| <b>A08</b>   | cap for gear cover cpl.            |                        | 03 9 020 50 004/0   |
| <b>A0801</b> | gasket for cap of gear cover       |                        | 03 0 020 50 036/0   |
| <b>A09</b>   | hold down                          |                        | 53 S0030 02900      |
| <b>A10</b>   | chain fork                         |                        | 23 S0020 00070      |

**Version STAR 05./..**

| <b>Code</b>  | <b>Description</b>                 | <b>Version</b>         | <b>Order number</b> |
|--------------|------------------------------------|------------------------|---------------------|
| <b>A01</b>   | hoist body cpl.                    | STAR 05./..            | 03 9 050 52 001/0   |
|              |                                    | STAR 051/52            | 03 9 051 52 001/0   |
| <b>A0101</b> | shaft seal                         |                        | 64 10017 03207      |
| <b>A02</b>   | gear cover cpl.                    | STAR 05./..            | 03 9 050 52 002/0   |
|              |                                    | STAR 051/52            | 03 9 051 52 002/0   |
| <b>A0201</b> | gasket for gear cover              |                        | 03 0 050 50 035/0   |
| <b>A03</b>   | chain guide cpl.                   | with limit switches    | 03 9 050 50 008/1   |
|              | chain guide cpl.                   | without limit switches | 03 8 050 50 008/0   |
| <b>A04</b>   | oil filling screw cpl.             |                        | 01 9 00A 200/0      |
| <b>A05</b>   | oil draining screw cpl.            |                        | 01 9 00A 201/0      |
| <b>A06</b>   | set of bolts                       |                        | 03 9 070 50 210/0   |
| <b>A07</b>   | cap for electric control cpl.      |                        | 03 9 050 50 005/0   |
| <b>A0701</b> | gasket for cap of electric control |                        | 03 0 050 50 039/0   |
| <b>A08</b>   | cap for gear cover cpl.            |                        | 03 9 050 50 004/0   |
| <b>A0801</b> | gasket for cap of gear cover       |                        | 03 0 050 50 036/0   |
| <b>A09</b>   | hold down                          |                        | 53 S0050 02900      |
| <b>A10</b>   | chain fork                         |                        | 23 S0020 00070      |

## Version STAR 07./..

| Code  | Description                        | Version                | Order number      |
|-------|------------------------------------|------------------------|-------------------|
| A01   | hoist body cpl.                    | STAR 07./..            | 03 9 070 51 001/0 |
|       |                                    | STAR 070/56            | 03 9 070 56 001/0 |
| A0101 | shaft seal                         |                        | 64 10017 03207    |
| A02   | gear cover cpl.                    |                        | 03 9 070 51 002/0 |
| A0201 | gasket for gear cover              |                        | 03 0 050 50 035/0 |
| A03   | chain guide cpl.                   | with limit switches    | 03 9 070 50 008/1 |
|       | chain guide cpl.                   | without limit switches | 03 8 070 50 008/0 |
| A04   | oil filling screw cpl.             |                        | 01 9 00A 200/0    |
| A05   | oil draining screw cpl.            |                        | 01 9 00A 201/0    |
| A06   | set of bolts                       | STAR 07./..            | 03 9 070 50 210/0 |
|       |                                    | STAR 070/56            | 03 9 070 56 210/0 |
| A07   | cap for electric control cpl.      |                        | 03 9 050 50 005/0 |
| A0701 | gasket for cap of electric control |                        | 03 0 050 50 039/0 |
| A08   | cap for gear cover cpl.            |                        | 03 9 050 50 004/0 |
| A0801 | gasket for cap of gear cover       |                        | 03 0 050 50 036/0 |
| A09   | hold down                          |                        | 53 S0070 02900    |
| A10   | chain fork                         |                        | 23 S0070 00070    |

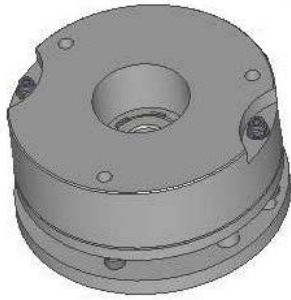
## Bauform STAR 09./..

| Code  | Description                        | Version                | Order number      |
|-------|------------------------------------|------------------------|-------------------|
| A01   | hoist body cpl.                    |                        | 03 9 090 50 001/0 |
| A0101 | shaft seal                         |                        | 64 10020 03207    |
| A02   | gear cover cpl.                    |                        | 03 9 090 50 002/0 |
|       |                                    | to serial-No. 800000   | 03 9 090 50 002/1 |
| A0202 | shaft seal                         |                        | 64 10022 03507    |
| A0201 | gasket for gear cover              |                        | 03 0 090 50 035/0 |
| A03   | chain guide cpl.                   | with limit switches    | 03 9 090 50 008/1 |
|       | chain guide cpl.                   | without limit switches | 03 8 090 50 008/0 |
| A04   | oil filling screw cpl.             |                        | 01 9 00A 200/0    |
| A05   | oil draining screw cpl.            |                        | 01 9 00A 201/0    |
| A06   | set of bolts                       |                        | 03 9 090 50 210/0 |
| A07   | cap for electric control cpl.      | STAR 09./..            | 03 9 110 50 005/1 |
|       |                                    | STAR 091/57; 091/58    | 03 9 110 51 005/0 |
| A0701 | gasket for cap of electric control |                        | 03 0 090 50 039/0 |
| A08   | cap for gear cover cpl.            | STAR 09./..            | 03 9 090 50 004/1 |
|       |                                    | STAR 091/57; 091/58    | 03 9 090 20 004/1 |
| A0801 | gasket for cap of gear cover       |                        | 03 0 090 50 036/0 |
| A09   | hold down                          |                        | 53 S0090 02900    |
| A10   | chain fork                         |                        | 03 2 090 50 007/0 |

## Version STAR 11./..

| Code  | Description                        | Version                | Order number      |
|-------|------------------------------------|------------------------|-------------------|
| A01   | hoist body cpl.                    |                        | 03 9 110 50 001/0 |
| A0101 | shaft seal                         |                        | 64 10020 03207    |
| A02   | gear cover cpl.                    |                        | 03 9 110 50 002/0 |
|       |                                    | to serial-No. 800000   | 03 9 110 50 002/1 |
| A0202 | shaft seal                         |                        | 64 10022 03507    |
| A0201 | gasket for gear cover              |                        | 03 0 110 50 035/0 |
| A03   | chain guide cpl.                   | with limit switches    | 03 9 110 50 008/1 |
|       | chain guide cpl.                   | without limit switches | 03 8 110 50 008/0 |
| A04   | oil filling screw cpl.             |                        | 01 9 00A 200/0    |
| A05   | oil draining screw cpl.            |                        | 01 9 00A 201/0    |
| A06   | set of bolts                       |                        | 03 9 110 50 210/0 |
| A07   | cap for electric control cpl.      | STAR 110/52; 110/54    | 03 9 110 50 005/1 |
|       |                                    | STAR 111/52; 111/54    | 03 9 110 51 005/0 |
| A0701 | gasket for cap of electric control |                        | 03 0 090 50 039/0 |
| A08   | cap for gear cover cpl.            |                        | 03 9 090 50 004/1 |
| A0801 | gasket for cap of gear cover       |                        | 03 0 090 50 036/0 |
| A09   | hold down                          |                        | 53 S0110 02900    |
| A10   | chain fork                         |                        | 03 2 110 50 007/0 |

## B Brake



### Version STAR 02./..

| Code | Description | Version     | Order number   |
|------|-------------|-------------|----------------|
| B01  | brake cpl.  | STAR 02./.. | 17 70B06 04205 |
|      |             | STAR 020/01 | 17 70B06 04205 |

### Version STAR 03./..

| Code | Description | Version             | Order number     |
|------|-------------|---------------------|------------------|
| B01  | brake cpl.  | STAR 03./..         | 17 70B06 04205   |
|      |             | STAR 030/52; 031/52 | 17 70B06 04205MS |

### Version STAR 05./..

| Code | Description | Version             | Order number   |
|------|-------------|---------------------|----------------|
| B01  | brake cpl.  | STAR 05./..         | 17 70B08 09205 |
|      |             | STAR 050/01; 050/02 | 17 70B08 09205 |

### Version STAR 07./..

| Code | Description | Version             | Order number   |
|------|-------------|---------------------|----------------|
| B01  | brake cpl.  | STAR 07./..         | 17 70B08 09205 |
|      |             | STAR 070/01; 070/02 | 17 70B08 09205 |

### Version STAR 09./..

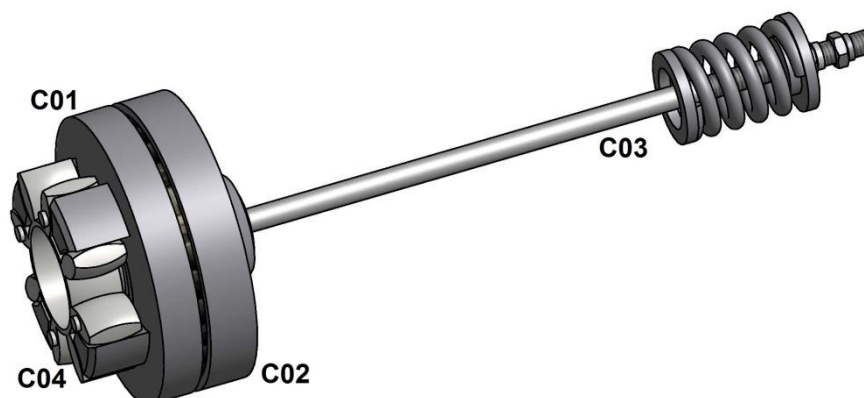
| Code | Description | Version                                        | Order number   |
|------|-------------|------------------------------------------------|----------------|
| B01  | brake cpl.  | STAR 090/52; 091/51;<br>091/52                 | 17 70B10 12205 |
|      |             | STAR 090/54; 090/55;<br>091/56; 091/57; 091/58 | 17 70B12 22205 |
|      |             |                                                |                |

### Version STAR 11./..

| Code | Description | Version     | Order number   |
|------|-------------|-------------|----------------|
| B01  | brake cpl.  | STAR 11./.. | 17 70B12 22205 |



## C Clutch



### Version STAR 02./..

| Code | Description            | Version             | Order number      |
|------|------------------------|---------------------|-------------------|
| C01  | clutch drive disc cpl. |                     | 14 2 020 50 003/1 |
| C02  | clutch disc cpl.       |                     | 14 9 020 50 005/0 |
| C03  | accessory for clutch   | STAR 02./..         | 14 9 020 50 010/0 |
|      |                        | STAR 020/52; 021/52 | 14 9 020 52 010/0 |
| C04  | gear rim               |                     | 54 00240 05502    |

### Version STAR 03./..

| Code | Description            | Version             | Order number      |
|------|------------------------|---------------------|-------------------|
| C01  | clutch drive disc cpl. |                     | 14 2 020 50 003/1 |
| C02  | clutch disc cpl.       |                     | 14 9 020 50 005/0 |
| C03  | accessory for clutch   | STAR 03./..         | 14 9 020 50 010/0 |
|      |                        | STAR 030/52; 031/52 | 14 9 030 52 010/0 |
| C04  | gear rim               |                     | 54 00240 05502    |

### Version STAR 05./..

| Code | Description            | Version | Order number      |
|------|------------------------|---------|-------------------|
| C01  | clutch drive disc cpl. |         | 14 2 050 50 003/1 |
| C02  | clutch disc cpl.       |         | 14 9 050 50 005/0 |
| C03  | accessory for clutch   |         | 14 9 050 50 010/0 |
| C04  | gear rim               |         | 54 00240 05502    |

### Version STAR 07./..

| Code | Description            | Version | Order number      |
|------|------------------------|---------|-------------------|
| C01  | clutch drive disc cpl. |         | 14 2 050 50 003/1 |
| C02  | clutch disc cpl.       |         | 14 9 050 50 005/0 |
| C03  | accessory for clutch   |         | 14 9 050 50 010/0 |
| C04  | gear rim               |         | 54 00240 05502    |

## Version STAR 09./..

| Code | Description            | Version                        | Order number      |
|------|------------------------|--------------------------------|-------------------|
| C01  | clutch drive disc cpl. |                                | 14 2 090 50 003/0 |
| C02  | clutch disc cpl.       |                                | 14 9 090 50 005/0 |
|      |                        | from serial-no. 800000         | 14 9 090 50 005/1 |
| C03  | accessory for clutch   | STAR 09./..                    | 14 9 090 50 010/0 |
|      |                        | STAR 090/52; 091/51;<br>091/52 | 14 9 090 51 010/0 |
| C04  | gear rim               |                                | 54 00380 09502    |
|      |                        | up to serial-No. D20758        | 54 00380 09502/ET |

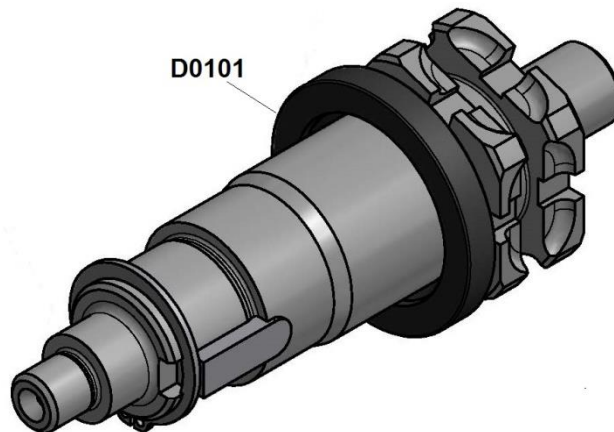
## Version STAR 11./..

| Code | Description            | Version                 | Order number      |
|------|------------------------|-------------------------|-------------------|
| C01  | clutch drive disc cpl. |                         | 14 2 090 50 003/0 |
| C02  | clutch disc cpl.       |                         | 14 9 090 50 005/0 |
|      |                        | from serial-no. 800000  | 14 9 090 50 005/1 |
| C03  | accessory for clutch   |                         | 14 9 090 50 010/0 |
| C04  | gear rim               |                         | 54 00380 09502    |
|      |                        | up to serial-no. D20758 | 54 00380 09502/ET |

## Assembly tool

| Code | Description                   | Version             | Order number   |
|------|-------------------------------|---------------------|----------------|
| C05  | bit for tension rod of clutch | STAR 02./..; 03./.. | 91 01000 00050 |
|      |                               | STAR 05./..; 07./.. | 91 01000 00060 |
|      |                               | STAR 09./..; 11./.. | 91 01000 00080 |

## D Sprocket wheel



### Version STAR 02./..

| Code  | Description           | Version | Order number      |
|-------|-----------------------|---------|-------------------|
| D01   | sprocket wheel cpl.   |         | 03 9 020 50 025/0 |
| D0101 | shaft seal            |         | 64 10035 05207    |
| D0102 | shaft seal            |         | 64 10012 02407    |
| A0201 | gasket for gear cover |         | 03 0 020 50 035/0 |

### Version STAR 03./..

| Code  | Description           | Version | Order number      |
|-------|-----------------------|---------|-------------------|
| D01   | sprocket wheel cpl.   |         | 03 9 030 50 025/0 |
| D0101 | shaft seal            |         | 64 10035 05207    |
| D0102 | shaft seal            |         | 64 10012 02407    |
| A0201 | gasket for gear cover |         | 03 0 020 50 035/0 |

### Version STAR 05./..

| Code  | Description           | Version | Order number      |
|-------|-----------------------|---------|-------------------|
| D01   | sprocket wheel cpl.   |         | 03 9 050 50 025/0 |
| D0101 | shaft seal            |         | 64 10045 07510    |
| D0102 | shaft seal            |         | 64 10017 03207    |
| A0201 | gasket for gear cover |         | 03 0 050 50 035/0 |

### Version STAR 07./..

| Code  | Description           | Version | Order number      |
|-------|-----------------------|---------|-------------------|
| D01   | sprocket wheel cpl.   |         | 03 9 070 50 025/0 |
| D0101 | shaft seal            |         | 64 10045 07510    |
| D0102 | shaft seal            |         | 64 10017 03207    |
| A0201 | gasket for gear cover |         | 03 0 050 50 035/0 |

## Version STAR 09./..

| Code   | Description           | Version               | Order number      |
|--------|-----------------------|-----------------------|-------------------|
| D01    | sprocket wheel cpl.   |                       | 03 9 090 50 025/0 |
|        |                       | from serial-no.800000 | 03 9 090 50 025/1 |
| D0101  | shaft seal            |                       | 64 10065 10010    |
| D0102  | shaft seal            |                       | 64 10020 03207    |
|        |                       | from serial-no.800000 | 64 10022 03507    |
| D01001 | dense disc            |                       | 96 NJ000 00205NI  |
| A0201  | gasket for gear cover |                       | 03 0 090 50 035/0 |

## Version STAR 11./..

| Code   | Description           | Version               | Order number      |
|--------|-----------------------|-----------------------|-------------------|
| D01    | sprocket wheel cpl.   |                       | 03 9 110 50 025/0 |
|        |                       | from serial-no.800000 | 03 9 110 50 025/1 |
| D0101  | shaft seal            |                       | 64 10085 12010    |
| D0102  | shaft seal            |                       | 64 10020 03207    |
|        |                       | from serial-no.800000 | 64 10022 03507    |
| D01001 | dense disc            |                       | 96 NI000 00206NI  |
| A0201  | gasket for gear cover |                       | 03 0 110 50 035/0 |

## **E Chain**



### **Version STAR 02./..**

| <b>Code</b> | <b>Description</b> | <b>Version</b> | <b>Order number</b> |
|-------------|--------------------|----------------|---------------------|
| <b>E01</b>  | chain              | 4x12 mm        | 47 04012 00002V     |

### **Version STAR 03./..; STAR 05./..**

| <b>Code</b> | <b>Description</b> | <b>Version</b> | <b>Order number</b> |
|-------------|--------------------|----------------|---------------------|
| <b>E01</b>  | chain              | 5,2x15 mm      | 47 05215 00002V     |

### **Version STAR 07./..**

| <b>Code</b> | <b>Description</b> | <b>Version</b> | <b>Order number</b> |
|-------------|--------------------|----------------|---------------------|
| <b>E01</b>  | chain              | 7,2x21 mm      | 47 07221 00002V     |

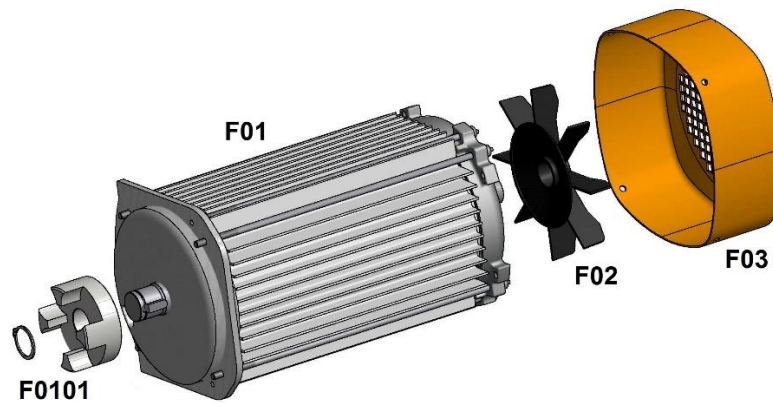
### **Version STAR 09./..**

| <b>Code</b> | <b>Description</b> | <b>Version</b> | <b>Order number</b> |
|-------------|--------------------|----------------|---------------------|
| <b>E01</b>  | chain              | 9x27 mm        | 47 09027 00002V     |

### **Version STAR 11./..**

| <b>Code</b> | <b>Description</b> | <b>Version</b> | <b>Order number</b> |
|-------------|--------------------|----------------|---------------------|
| <b>E01</b>  | chain              | 11,3x31 mm     | 47 11331 00005V     |

## F Motor



| LIFTKET                                                                                               |                                   |                                |                                 |
|-------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|---------------------------------|
| LIFTKET Hoffmann GmbH<br>www.liftket.de<br>ELEKTROKETTENZUG / ELECTRIC CHAIN HOIST<br>Made in Germany |                                   |                                |                                 |
| Typ / Type<br>050/95                                                                                  | Fabrik-Nr. / Serial no.<br>H35453 |                                | Baujahr / Fabr. year<br>07/2017 |
| S.W.L (kg)<br>(m/min)                                                                                 | 1/1<br>500<br>18,0                | 5,2x15 mm<br>FEM/ISO<br>60% ED | EN 818-7<br>1Bm/M3<br>240 S/h   |
| KLOR 80G2                                                                                             | 690 V;                            | 50 Hz;                         | 3 ph                            |
| 1,5 kW<br>1,68 A                                                                                      | cos φ 0,90                        |                                | F; IP 55                        |
|                                                                                                       | 2850 min <sup>-1</sup>            |                                |                                 |



### Version STAR 02./..

| Code  | Description                                               | According type label | Order number       |
|-------|-----------------------------------------------------------|----------------------|--------------------|
| F01   | Motor cpl. 400V, 50Hz, 3ph<br>(other voltages on request) | 63K2                 | 42 9 063K20 000/0  |
|       |                                                           | 63G2                 | 42 9 063G20 000/0  |
|       |                                                           | 63G8/2               | 42 9 063G82 000/0  |
| F01   | Motor cpl. 230V, 1ph~                                     | 63G2                 | 42 9 063G20E 000/0 |
| F0101 | clutch hub cpl.                                           |                      | 14 9 020 50 001/0  |
| F02   | fan impeller                                              |                      | 53 S0055 00560     |
| F03   | fan cap for motor                                         |                      | 42 9 063K40 011/0  |

### Version STAR 03./..

| Code  | Description                                               | According type label | Order number      |
|-------|-----------------------------------------------------------|----------------------|-------------------|
| F01   | Motor cpl. 400V, 50Hz, 3ph<br>(other voltages on request) | 63G2                 | 42 9 063G20 000/0 |
|       |                                                           | 63G8/2               | 42 9 063G82 000/0 |
| F0101 | clutch hub cpl.                                           |                      | 14 9 020 50 001/0 |
| F02   | fan impeller                                              |                      | 53 S0055 00560    |
| F03   | fan cap for motor                                         |                      | 42 9 063K40 011/0 |

## Version STAR 05./..

| Code  | Description                                               | According type label | Order number       |
|-------|-----------------------------------------------------------|----------------------|--------------------|
| F01   | Motor cpl. 400V, 50Hz, 3ph<br>(other voltages on request) | 71G2                 | 42 9 071G20 000/0  |
|       |                                                           | 71G4                 | 42 9 071G40 000/0  |
|       |                                                           | 71G8/2               | 42 9 071G82 000/0  |
|       |                                                           | 80G8/2               | 42 9 080G82 000/0  |
| F01   | Motor cpl. 230V, 1ph~                                     | 71G2                 | 42 9 071G20E 000/0 |
| F0101 | clutch hub cpl.                                           |                      | 14 9 050 50 001/0  |
| F02   | fan impeller                                              |                      | 53 S0055 00780     |
| F03   | fan cap for motor                                         |                      | 42 9 071G40 011/0  |

## Version STAR 07./..

| Code  | Description                                               | According type label | Order number       |
|-------|-----------------------------------------------------------|----------------------|--------------------|
| F01   | Motor cpl. 400V, 50Hz, 3ph<br>(other voltages on request) | 71G2                 | 42 9 071G20 000/0  |
|       |                                                           | 80G2                 | 42 9 080G20 000/0  |
|       |                                                           | 80G8/2               | 42 9 080G82 000/0  |
|       | Motor cpl. 230V, 1ph~                                     | 80G2                 | 42 9 080G20E 000/0 |
| F0101 | clutch hub cpl.                                           |                      | 14 9 050 50 001/0  |
| F02   | fan impeller                                              |                      | 53 S0055 00780     |
| F03   | fan cap for motor                                         |                      | 42 9 071G40 011/0  |

## Version STAR 09./..

| Code  | Description                                               | According type label | Order number      |
|-------|-----------------------------------------------------------|----------------------|-------------------|
| F01   | Motor cpl. 400V, 50Hz, 3ph<br>(other voltages on request) | 90L2                 | 42 9 090L20 000/0 |
|       |                                                           | 90L4                 | 42 9 090L40 000/0 |
|       |                                                           | 90L8/2               | 42 9 090L82 000/0 |
|       |                                                           | 100L8/2              | 42 9 100L82 000/0 |
|       |                                                           | 100LV8/2             | 42 9 100V82 000/0 |
| F0101 | clutch hub cpl.                                           |                      | 14 9 090 50 001/0 |
| F0102 | fan impeller                                              | 90L2, 90L4, 90L8/2   | 53 S0055 00900    |
|       |                                                           | 100L8/2, 100LV8/2    | 53 S0055 01000    |
| F0103 | fan cap for motor                                         | 90L2, 90L4, 90L8/2   | 42 9 090L20 011/0 |
|       |                                                           | 100L8/2, 100LV8/2    | 42 9 100V82 011/0 |

## Version STAR 11./..

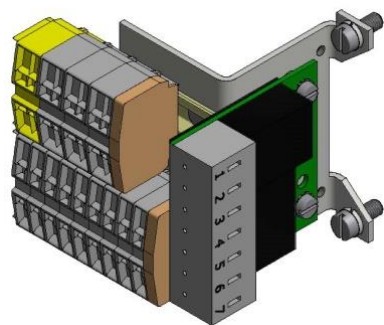
| Code  | Description                                               | According type label | Order number      |
|-------|-----------------------------------------------------------|----------------------|-------------------|
| F01   | Motor cpl. 400V, 50Hz, 3ph<br>(other voltages on request) | 100S2                | 42 9 100S20 000/0 |
|       |                                                           | 100LV8/2             | 42 9 100V82 000/0 |
| F0101 | clutch hub cpl.                                           |                      | 14 9 090 50 001/0 |
| F0102 | fan impeller                                              |                      | 53 S0055 01000    |
| F0103 | fan cap for motor                                         |                      | 42 9 100V82 011/0 |

## Assembly tool

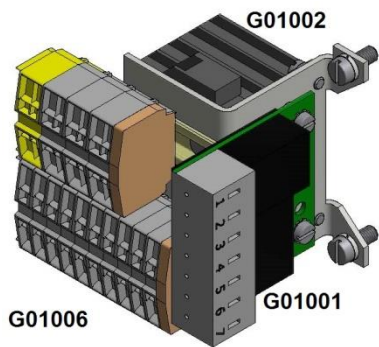
| Code  | Description         | Order number   |
|-------|---------------------|----------------|
| F0104 | bit for tension rod | 91 01000 00060 |

G Direct control

Direct control 400 V, 3 ph complete



| Code | Description         | Version           | Order number      |
|------|---------------------|-------------------|-------------------|
| G01  | direct control cpl. | one lifting speed | 10 9 020 50 000/1 |



| Code | Description         | Version            | Order number      |
|------|---------------------|--------------------|-------------------|
| G01  | direct control cpl. | two lifting speeds | 10 9 021 50 000/0 |



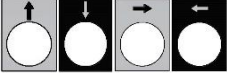
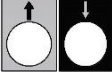
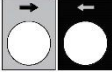
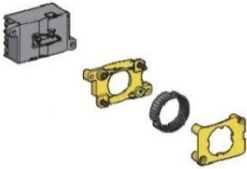
## Components

| Code          | Description                      |                                                                                     | Version              | Order number      |
|---------------|----------------------------------|-------------------------------------------------------------------------------------|----------------------|-------------------|
| <b>G01001</b> | rectifier                        |    |                      | 20 00040 00040F   |
| <b>G01002</b> | contactor relay for brake K8     |    | old                  | 74 3LC1S K0624    |
|               |                                  |    | new                  | 74 3B009 20400    |
|               | current contactor K9             |                                                                                     | Type 1 – 115 turns   | 11 0 10D LC1/0    |
|               |                                  |   | Type 2 – 455 turns   | 11 0 10A LC1/0    |
|               |                                  |                                                                                     | Type 3 – 66 turns    | 11 0 090 15 LC1/0 |
|               |                                  |                                                                                     | Type 4 – 197 turns   | 11 0 050 00 LC1/0 |
|               |                                  |  | Type 1/2/4           | 74 2B009 26124    |
|               |                                  |  | Type 3               | 74 2B009 25003    |
| <b>G01005</b> | set terminal blocks (motor side) |  |                      | 11 9 020 50 500/0 |
| <b>G01006</b> | set terminal blocks (brake side) |  | STAR 020/..          | 11 9 020 01 500/0 |
|               |                                  |                                                                                     | STAR 050/.. - 111/.. | 11 9 050 50 500/0 |
| <b>G01007</b> | cover plugs                      |  |                      | 53 SA000 00203    |

## Control pendant complete

| Code | Description     | Symbol / Function                                                                                                                                                                                                                                                                                                                                                                                                                   |                |
|------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| G02  | control pendant |                                                                                                                                                                                                                                                                   | 81 B0100 00000 |
|      |                 |                                                                                                                                                                                  | 81 B0100 000NH |
|      |                 |   for 1ph hoist                                                                                                                                                                                                                                                   | 81 B0100 AK000 |
|      |                 |   for 1ph hoist                                                                                                                                                                                                                                                   | 81 B0100 AK0NH |
|      |                 |                                                                                                 | 81 B0101 00000 |
|      |                 |                | 81 B0101 000NH |
|      |                 |                                                                                                 | 81 B0102 00000 |
|      |                 |                | 81 B0102 000NH |
|      |                 |                                                                                                                                                                                                                                                                 | 81 B0200 00000 |
|      |                 |                                                                                                                                                                            | 81 B0200 000NH |
|      |                 |                                                                                         | 81 B0201 00000 |
|      |                 |      | 81 B0201 000NH |
|      |                 |                                                                                         | 81 B0202 00000 |
|      |                 |      | 81 B0202 000NH |

Control pendant / components

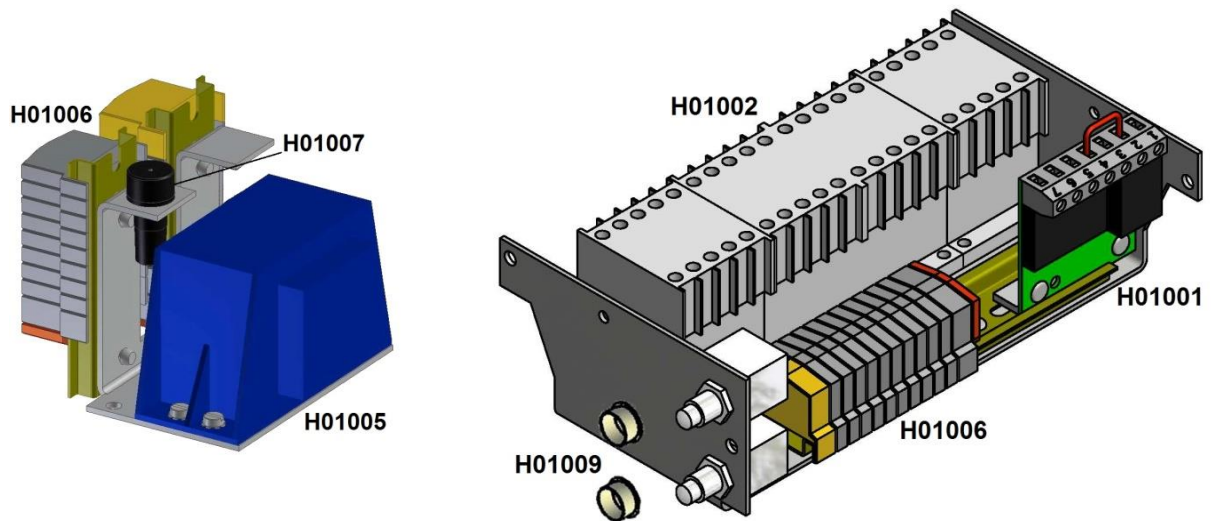
| Code  | Description                                        |                                                                                     | Symbol / Function                                                                                   | Order number   |
|-------|----------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|
| G0202 | contactor blocks                                   |    | <br>to 3.0 kW     | 81 XES0D 02201 |
|       |                                                    |    | <br>for 1ph hoist | 81 XES0D 02241 |
|       |                                                    |    | <br>to 2,0 kW     | 81 XES0D 01191 |
|       |                                                    |    | <br>to 2,2 kW     | 81 XES0D 01291 |
| G0203 | emergency stop button                              |    |                   | 81 XAC0S 00499 |
|       |                                                    |   |                                                                                                     | 81 ZA2BS 00054 |
| G0204 | rubber spare parts for button<br>one-step function |  | white                                                                                               | 81 XAC0B 09111 |
|       |                                                    |  | black                                                                                               | 81 XAC0B 09112 |
|       | rubber spare parts for button<br>two-step function |  | white                                                                                               | 81 XAC0B 09211 |
|       |                                                    |  | black                                                                                               | 81 XAC0B 09212 |

## Control pendant / control cable

| Code  | Description   | Symbol / Function                                                                                                                                                                                                                                                                                                                                                                                                                   | Version | Order number   |
|-------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|
| G0201 | control cable |                                                                                                                                                                                                                                                                   | 7x1,5   | 45 0YMH0 07015 |
|       |               |                                                                                                                                                                                  | 7x1,5   | 45 0YMH0 07015 |
|       |               |   für 1ph EKZ                                                                                                                                                                                                                                                     | 7x1,5   | 45 0YMH0 07015 |
|       |               |    für 1ph EKZ                                                                                                                                                                   | 8x1,5   | 45 0YMH0 08015 |
|       |               |                                                                                                 | 8x1,5   | 45 0YMH0 08015 |
|       |               |                | 8x1,5   | 45 0YMH0 08015 |
|       |               |                                                                                                 | 12x1,5  | 45 0YMH0 12015 |
|       |               |           | 12x1,5  | 45 0YMH0 12015 |
|       |               |                                                                                                                                                                                                                                                               | 7x1,5   | 45 0YMH0 07015 |
|       |               |                                                                                                                                                                            | 7x1,5   | 45 0YMH0 07015 |
|       |               |                                                                                         | 10x1,5  | 45 0YMH0 10015 |
|       |               |      | 10x1,5  | 45 0YMH0 10015 |
|       |               |                                                                                         | 12x1,5  | 45 0YMH0 12015 |
|       |               |      | 12x1,5  | 45 0YMH0 12015 |

## H Low voltage control

Low voltage control 400 V / 24 V complete

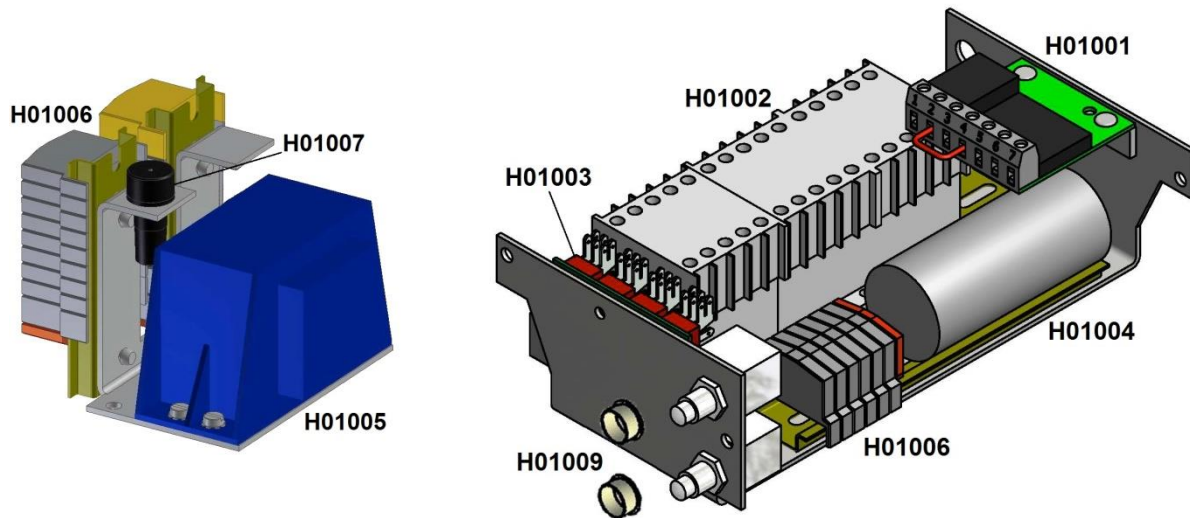


| Code  | Lifting speed |     | Emergency stop |         | Limit switch |         |
|-------|---------------|-----|----------------|---------|--------------|---------|
|       | one           | two | with           | without | with         | without |
| H0101 | x             |     | x              |         |              | x       |
| H0102 | x             |     | x              |         | x            |         |
| H0103 | x             |     |                | x       |              | x       |
| H0104 | x             |     |                | x       | x            |         |
| H0105 |               | x   | x              |         |              | x       |
| H0106 |               | x   | x              |         | x            |         |
| H0107 |               | x   |                | x       |              | x       |
| H0108 |               | x   |                | x       | x            |         |

| Code  | STAR 02.././..      | STAR 05.././..      | STAR 07.././..      |
|-------|---------------------|---------------------|---------------------|
| H0101 | 11 2 020 011N 00/4  | 11 2 050 011N 00/4  | 11 2 070 011N 00/4  |
| H0102 | 11 2 020 011NE 00/4 | 11 2 050 011NE 00/4 | 11 2 070 011NE 00/4 |
| H0103 | 11 2 020 011 00/4   | 11 2 050 011 00/4   | 11 2 070 011 00/4   |
| H0104 | 11 2 020 011 E 00/4 | 11 2 050 011 E 00/4 | 11 2 070 011 E 00/4 |
| H0105 | 11 2 021 011N 00/4  | 11 2 051 011N 00/4  | 11 2 071 011N 00/4  |
| H0106 | 11 2 021 011NE 00/4 | 11 2 051 011NE 00/4 | 11 2 071 011NE 00/4 |
| H0107 | 11 2 021 011 00/4   | 11 2 051 011 00/4   | 11 2 071 011 00/4   |
| H0108 | 11 2 021 011 E 00/4 | 11 2 051 011 E 00/4 | 11 2 071 011 E 00/4 |

| Code  | STAR 09.././..      | STAR 11.././..      |
|-------|---------------------|---------------------|
| H0101 | 11 2 090 011N 00/4  | 11 2 110 011N 00/4  |
| H0102 | 11 2 090 011NE 00/4 | 11 2 110 011NE 00/4 |
| H0103 | 11 2 090 011 00/4   | 11 2 110 011 00/4   |
| H0104 | 11 2 090 011 E 00/4 | 11 2 110 011 E 00/4 |
| H0105 | 11 2 091 011N 00/4  | 11 2 111 011N 00/4  |
| H0106 | 11 2 091 011NE 00/4 | 11 2 111 011NE 00/4 |
| H0107 | 11 2 091 011 00/4   | 11 2 111 011 00/4   |
| H0108 | 11 2 091 011 E 00/4 | 11 2 111 011 E 00/4 |

## Low voltage control 230 V / 24 V complete



| Code  | Emergency stop |         | Limit switch |         |
|-------|----------------|---------|--------------|---------|
|       | with           | without | with         | without |
| H0109 | X              |         |              | X       |
| H0110 | X              |         | X            |         |
| H0111 |                | X       |              | X       |
| H0112 |                | X       | X            |         |

| Code  | STAR 02../..        | STAR 05../..        | STAR 07../..        |
|-------|---------------------|---------------------|---------------------|
| H0109 | 11 2 020 101N 00/1  | 11 2 050 101N 00/1  | 11 2 070 101N 00/1  |
| H0110 | 11 2 020 101NE 00/1 | 11 2 050 101NE 00/1 | 11 2 070 101NE 00/1 |
| H0111 | 11 2 020 101 00/1   | 11 2 050 101 00/1   | 11 2 070 101 00/1   |
| H0112 | 11 2 020 101 E 00/1 | 11 2 050 101 E 00/1 | 11 2 070 101 E 00/1 |

## Components

| Code   | Description                      | Version                                       | Order number                                                         |
|--------|----------------------------------|-----------------------------------------------|----------------------------------------------------------------------|
| H01001 | rectifier                        |                                               | 20 00040 00040F                                                      |
| H01002 | contactor K1,                    | STAR 020/.., 021/..;<br>STAR 030/.., 031/...  | 74 3DSL3 01024UL <b>to 02/16</b>                                     |
|        |                                  | STAR 020/.., 021/..;<br>STAR 030/.., 031/...  | 74 3B005 10024 <b>from 03/16</b>                                     |
|        |                                  | STAR 050/.. - 110/..,<br>STAR 051/.. - 111/.. | 74 3LC1K 91024                                                       |
|        | contactor K2, K3                 | STAR 020/.., 021/..;<br>STAR 030/.., 031/...  | 74 3DSL3 10024 <b>to 02/16</b>                                       |
|        |                                  | STAR 020/.., 021/..;<br>STAR 030/.., 031/...  | 74 3BW05 10024 <b>from 03/16</b>                                     |
|        |                                  | STAR 050/.. - 110/..,<br>STAR 051/.. - 111/.. | 74 3LC2K 91024                                                       |
|        | contactor K4                     | STAR 021/.., 031/...                          | 74 3DSL3 22024UL <b>to 02/16</b><br>74 3B005 22024 <b>from 03/16</b> |
|        |                                  | STAR 051/.., 071/..,<br>091/.., 111/..        | 74 3LC1K 98024                                                       |
| H01003 | electronic starter 230V,<br>1ph~ | STAR 020/0.. –<br>STAR 070/0..                | 74 40060 02220                                                       |
| H01004 | capacitor                        | STAR 020/0..<br>STAR 050/0..<br>STAR 070/0..  | 20 00100 00041<br>20 00100 00060<br>20 00100 00125                   |
| H01005 | transformer<br>230-400V/24V      | STAR 020/.., 021/..;<br>STAR 030/.., 031/...  | 88 00400 UI024                                                       |
|        |                                  | STAR 050/.. - 110/..,<br>STAR 051/.. - 111/.. | 88 00400 EI024                                                       |
| H01006 | Set terminal blocks              | STAR 020/.., 021/..;<br>STAR 030/.., 031/...  | 11 9 020 50 500/0                                                    |
|        |                                  | STAR 050/.. - 110/..,<br>STAR 051/.. - 111/.. | 11 9 050 50 500/0                                                    |
| H01007 | fuse holder                      | primary                                       | 20 00060 00080                                                       |
|        |                                  | secondary                                     | 20 00060 00086                                                       |
| H01008 | fuse                             | 1,25 A                                        | 20 00060 00082                                                       |
| H01009 | cover plugs                      |                                               | 53 SA000 00202                                                       |

Control pendant complete

| Code | Description     | Symbol / Function                                                                                                                                                                                                                                                                                                                                                                                                                   | Order number   |
|------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| H02  | control pendant |                                                                                                                                                                                                                                                                   | 81 A0100 00000 |
|      |                 |                                                                                                                                                                                  | 81 A0100 000NH |
|      |                 |                                                                                                 | 81 A0101 00000 |
|      |                 |                | 81 A0101 000NH |
|      |                 |                                                                                                 | 81 A0102 00000 |
|      |                 |                | 81 A0102 000NH |
|      |                 |                                                                                                                                                                                                                                                                   | 81 A0200 00000 |
|      |                 |                                                                                                                                                                            | 81 A0200 000NH |
|      |                 |                                                                                         | 81 A0201 00000 |
|      |                 |      | 81 A0201 000NH |
|      |                 |                                                                                         | 81 A0202 00000 |
|      |                 |      | 81 A0202 000NH |



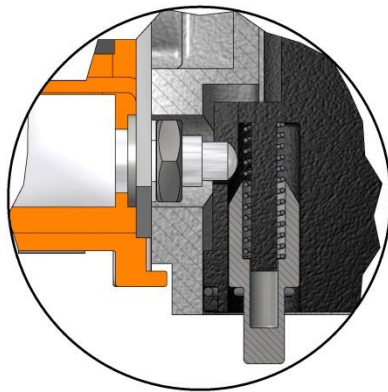
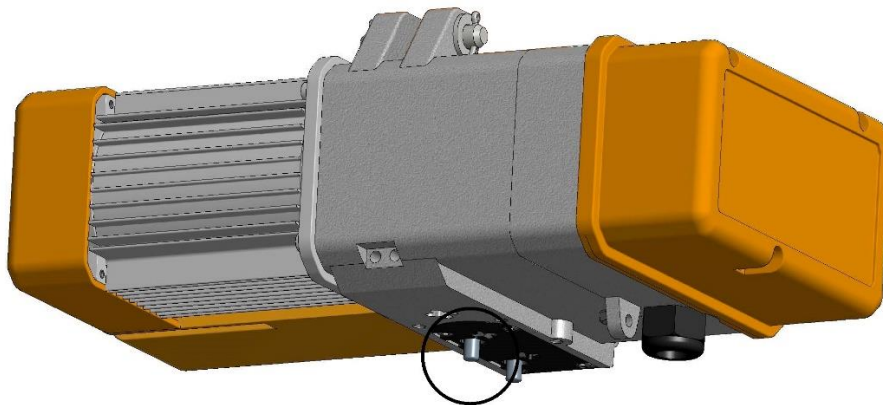
Control pendant / Components

| Code  | Description                    |                                                                                   | Symbol / Function                                                                  | Order number   |
|-------|--------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|
| H0202 | contactor blocks               |  |  | 81 ZB2BE 00101 |
|       |                                |  |  | 81 ZB2BE 00201 |
|       |                                |  |  | 81 XEN0G 01191 |
|       |                                |  |   | 81 ZB2BE 00102 |
| H0203 | emergency stop button          |  |                                                                                    | 81 ZA2BS 00834 |
| H0204 | rubber spare parts for buttons |  | white                                                                              | 81 XAC0A 09411 |
|       |                                |  | black                                                                              | 81 XAC0A 09412 |

## Control pendant / control cable

| Code  | Description   | Symbol / Function                                                                                                                                                                                                                                                                                                                                                                                                                   | Version | Order number   |
|-------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|
| H0201 | control cable |                                                                                                                                                                                                                                                                   | 4G1,5   | 45 0H070 04G15 |
|       |               |                                                                                                                                                                                  | 5G1,5   | 45 0H070 05G15 |
|       |               |                                                                                                 | 7G1,5   | 45 0YMH0 07G15 |
|       |               |                | 7G1,5   | 45 0YMH0 07G15 |
|       |               |                                                                                                 | 7G1,5   | 45 0YMH0 07G15 |
|       |               |                | 12G1,5  | 45 0H070 12G15 |
|       |               |                                                                                                                                                                                                                                                                   | 5G1,5   | 45 0H070 05G15 |
|       |               |                                                                                                                                                                            | 7G1,5   | 45 0YMH0 07G15 |
|       |               |                                                                                         | 7G1,5   | 45 0YMH0 07G15 |
|       |               |      | 12G1,5  | 45 0H070 12G15 |
|       |               |                                                                                         | 12G1,5  | 45 0H070 12G15 |
|       |               |      | 12G1,5  | 45 0H070 12G15 |

## J Electric limit switches



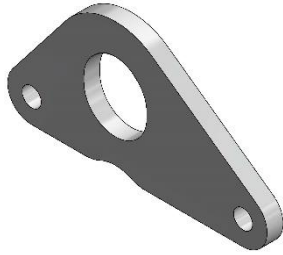
**J01**



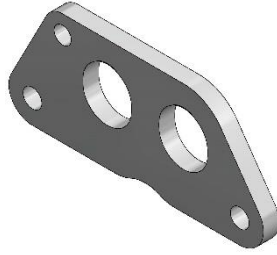
**J02**

| Code       | Description                | Version             | Order number      |
|------------|----------------------------|---------------------|-------------------|
| <b>J01</b> | electric limit switch cpl. |                     | 46 9 020 50 217/0 |
| <b>J02</b> | pin cpl.                   | STAR 02./.., 03./.. | 46 9 020 50 300/1 |
|            |                            | STAR 05./.., 07./.. | 46 9 050 50 300/1 |
|            |                            | STAR 09./..         | 46 9 090 50 300/1 |
|            |                            | STAR 11./..         | 46 9 110 50 300/1 |

## M Suspension eyes



**M01**



**M02**



**M03**

| Code       | Description                             | Version             |         | Order number      |
|------------|-----------------------------------------|---------------------|---------|-------------------|
| <b>M01</b> | single hole suspension eye              | STAR 03./..         | 500 kg  | 55 0 020 50 003/0 |
|            |                                         | STAR 03./..         | 1000 kg | 55 0 030 50 004/1 |
|            |                                         | STAR 05./..         | 1000 kg | 55 0 050 50 002/0 |
|            |                                         | STAR 07./..         | 2000 kg | 55 0 070 50 004/0 |
|            |                                         | STAR 09./..         | 3200 kg | 55 0 090 50 004/0 |
|            |                                         | STAR 11./..         | 6300 kg | 55 0 110 50 003/0 |
| <b>M02</b> | suspension eye<br>(with two bore holes) | STAR 03./..         | 500 kg  | 55 0 020 50 002/1 |
|            |                                         | STAR 03./..         | 1000 kg | 55 0 030 50 003/0 |
|            |                                         | STAR 05./..         | 2000 kg | 55 0 070 50 003/0 |
|            |                                         | STAR 07./..         | 2000 kg | 55 0 070 50 003/0 |
|            |                                         | STAR 09./..         | 3200 kg | 55 0 090 50 003/0 |
|            |                                         | STAR 11./..         | 6300 kg | 55 0 110 50 002/0 |
| <b>M03</b> | set of bolts                            | STAR 03./..         |         | 03 9 020 50 210/0 |
|            |                                         | STAR 05./.., 07./.. |         | 03 9 070 50 210/0 |
|            |                                         | STAR 070/56         |         | 03 9 070 56 210/0 |
|            |                                         | STAR 09./..         |         | 03 9 090 50 210/0 |
|            |                                         | STAR 11./..         |         | 03 9 110 50 210/0 |

## N Hook suspension


**N01**

**N0101**

**N02**

| Code         | Description     | Version              |               | Order number      |
|--------------|-----------------|----------------------|---------------|-------------------|
| <b>N01</b>   | hook suspension | STAR 02./.., 03./..  | rotatable     | 56 2 020 50 SW0/0 |
|              |                 |                      | non-rotatable | 56 2 020 51 SW0/0 |
|              |                 | STAR 05./..          | rotatable     | 56 2 050 50 SW0/0 |
|              |                 |                      | non-rotatable | 56 2 050 51 SW0/0 |
|              |                 | STAR 07./..          | rotatable     | 56 2 070 50 SW0/0 |
|              |                 |                      | non-rotatable | 56 2 070 51 SW0/0 |
|              |                 | STAR070/56           | rotatable     | 56 2 070 56 SW0/0 |
|              |                 |                      | non-rotatable | 56 2 070 57 SW0/0 |
|              |                 | STAR 09./..          | rotatable     | 56 2 090 50 SW0/0 |
|              |                 |                      | non-rotatable | 56 2 090 51 SW0/0 |
|              |                 | STAR 11./..          | rotatable     | 56 2 110 50 SW0/0 |
|              |                 |                      | non-rotatable | 56 2 110 51 SW0/0 |
| <b>N0101</b> | safety latch    | STAR 02./.. – 05./.. |               | 20 9 020 50 003/0 |
|              |                 |                      |               | 20 9 070 50 003/1 |
|              |                 | STAR 09./..          |               | 20 9 090 50 003/0 |
|              |                 | STAR 11./..          |               | 20 9 110 50 003/1 |
|              |                 |                      |               |                   |
| <b>N02</b>   | set of bolts    | STAR 02./.., 03./..  |               | 03 9 020 50 210/0 |
|              |                 |                      |               | 03 9 070 50 210/0 |
|              |                 | STAR 07./..          |               | 03 9 070 50 210/0 |
|              |                 | STAR070/56           |               | 03 9 070 56 210/0 |
|              |                 | STAR 09./..          |               | 03 9 090 50 210/0 |
|              |                 | STAR 11./..          |               | 03 9 110 50 210/0 |

## O Hook block



O01



O0103



O0104

| Code  | Description       | Version      | Order number      |
|-------|-------------------|--------------|-------------------|
| O01   | hook block cpl.   | 4x12         | 20 2 020 50 000/0 |
|       |                   | 5,2x15       | 20 2 030 50 000/0 |
|       |                   | 7,2x21       | 20 2 070 50 000/0 |
|       |                   |              | 2000 kg           |
|       |                   |              | 2500 kg           |
|       |                   |              | 20 2 070 56 000/0 |
| O0103 | rubber buffer     | 9x27         | 20 2 090 50 000/1 |
|       |                   | 11,3x31      | 20 2 110 50 000/0 |
|       |                   | 4x12, 5,2x15 | 20 0 020 50 014/0 |
|       |                   | 7,2x21       | 20 0 070 50 014/0 |
|       |                   |              | from ca. 05/2011  |
|       |                   |              | 20 0 070 50 014/2 |
| O0104 | safety latch cpl. | 9x27         | 20 0 090 50 014/1 |
|       |                   | 11,3x31      | 20 0 110 50 014/0 |
|       |                   | 4x12, 5,2x15 | 20 9 020 50 003/0 |
|       |                   | 7,2x21       | 20 9 070 50 003/1 |
|       |                   | 9x27         | 20 9 090 50 003/0 |
|       |                   | 11,3x31      | 20 9 110 50 003/1 |

## P Hook tackle

Version STAR 02./.. – 05./..



P01



P0101



P0102

| Code  | Description               | Version       | Order number      |
|-------|---------------------------|---------------|-------------------|
| P01   | hook tackle Skeletto cpl. | 4x12          | 15 2 020 50 000/0 |
|       |                           | 5,2x15        | 15 2 030 50 000/0 |
| P0101 | rubber buffer             |               | 35 S0015 00300    |
| P0102 | safety latch cpl.         | Skeletto R012 | 15 9 020 50 003/1 |
|       |                           | RSN 012       | 15 9 020 50 003/0 |

Version STAR 07./..



P01



P0101



P0102

| Code  | Description       | Version | Order number      |
|-------|-------------------|---------|-------------------|
| P01   | hook tackle cpl.  | 7,2x21  | 15 2 070 50 000/3 |
| P0101 | rubber buffer     |         | 35 00015 00700    |
| P0102 | safety latch cpl. |         | 20 9 020 50 003/0 |

## Version STAR 09./..



P01



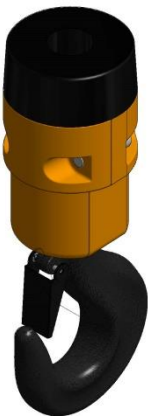
P0101



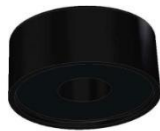
P0102

| Code  | Description       | Version | Order number      |
|-------|-------------------|---------|-------------------|
| P01   | hook tackle cpl.  | 9x27    | 15 2 090 50 000/1 |
| P0101 | rubber buffer     |         | 35 S0015 00901    |
| P0102 | safety latch cpl. |         | 20 9 070 50 003/1 |

## Version STAR 11./..



P01



P0101



P0102

| Code  | Description       | Version | Order number      |
|-------|-------------------|---------|-------------------|
| P01   | hook tackle cpl.  | 11,3x31 | 15 2 110 50 000/0 |
| P0101 | rubber buffer     |         | 35 00015 01100    |
| P0102 | safety latch cpl. |         | 20 9 090 50 003/0 |



## Q Lift limiter

### Version STAR 02./.. – 05./..



**Q01**



**Q0101**

| Code         | Description       | Version | order number      |
|--------------|-------------------|---------|-------------------|
| <b>Q01</b>   | lift limiter cpl. | 4x12    | 03 2 020 50 010/1 |
|              |                   | 5,2x15  | 03 2 030 50 010/1 |
| <b>Q0101</b> | rubber buffer     |         | 35 S001 00300     |

### Version STAR 07./..



**Q01**



**Q0101**

| Code         | Description       | Version | Order number      |
|--------------|-------------------|---------|-------------------|
| <b>Q01</b>   | lift limiter cpl. | 7,2x21  | 03 2 070 50 010/0 |
| <b>Q0101</b> | rubber buffer     |         | 35 S0001 00700    |

### Version STAR 09./..



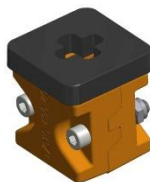
**Q01**



**Q0101**

| Code         | Description       | Version | Order number      |
|--------------|-------------------|---------|-------------------|
| <b>Q01</b>   | lift limiter cpl. | 9x27    | 03 2 090 50 010/0 |
| <b>Q0101</b> | rubber buffer     |         | 35 S0015 00901    |

### Version STAR 11./..



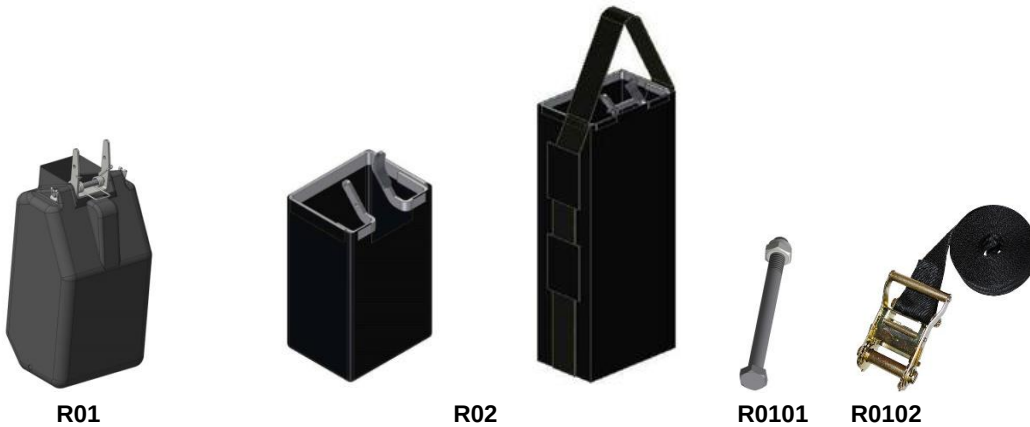
**Q01**



**Q0101**

| Code         | Description       | Version | Order number      |
|--------------|-------------------|---------|-------------------|
| <b>Q01</b>   | lift limiter cpl. | 11,3x31 | 03 2 110 50 010/1 |
| <b>Q0101</b> | rubber buffer     |         | 35 S0015 00901    |

## R Chain box



| Code  | Description                      | Version                     | Chain/Meter |       | Order number      |
|-------|----------------------------------|-----------------------------|-------------|-------|-------------------|
| R01   | chain box plastic                | STAR 02./..., 03./..        | 4/12        | 5/8   | 30 2 020 50 000/1 |
|       |                                  |                             | 4/16        | 5/10  | 30 2 030 50 000/1 |
|       |                                  | STAR 05./..., 07./..        | 5/8         | 7/5   | 30 2 050 51 000/1 |
|       |                                  |                             | 5/10        | 7/8   | 30 2 050 50 000/1 |
| R02   | chain box canvas                 | STAR 02./..., 03./..        | 4/10        | 5/8   | 30 2 030 50 000/2 |
|       |                                  |                             | 4/20        | 5/18  | 30 2 030 51 000/0 |
|       |                                  |                             | 4/30        |       | 30 2 030 52 000/0 |
|       |                                  |                             | 4/40        | 5/25  | 30 2 030 53 000/0 |
|       |                                  |                             | 4/50        | 5/40  | 30 2 030 54 000/0 |
|       |                                  |                             | 4/80        | 5/60  | 30 2 030 56 000/0 |
|       |                                  |                             |             | 5/70  | 30 2 030 57 000/0 |
|       |                                  |                             |             | 5/90  | 30 2 030 58 000/0 |
|       |                                  | STAR 05./..., 07. /..       | 5/8         |       | 30 2 050 50 000/0 |
|       |                                  |                             | 5/18        | 7/8   | 30 2 050 51 000/0 |
|       |                                  |                             | 5/25        | 7/18  | 30 2 050 52 000/0 |
|       |                                  |                             | 5/40        | 7/24  | 30 2 050 53 000/0 |
|       |                                  |                             | 5/50        |       | 30 2 050 54 000/0 |
|       |                                  |                             | 5/60        | 7/30  | 30 2 050 55 000/0 |
|       |                                  |                             | 5/70        |       | 30 2 050 56 000/0 |
|       |                                  |                             | 5/90        |       | 30 2 050 58 000/0 |
|       |                                  | STAR 09./..., 11./..        |             | 7/40  | 30 2 070 57 000/0 |
|       |                                  |                             |             | 7/50  | 30 2 070 59 000/0 |
|       |                                  |                             |             | 7/60  | 30 2 070 60 000/0 |
|       |                                  |                             | 9/10        | 11/6  | 30 2 110 50 000/0 |
|       |                                  |                             | 9/18        | 11/12 | 30 2 110 51 000/0 |
|       |                                  |                             | 9/30        | 11/20 | 30 2 110 54 000/0 |
|       |                                  |                             | 9/40        | 11/25 | 30 2 110 56 000/0 |
|       |                                  |                             | 9/50        | 11/30 | 30 2 110 57 000/0 |
|       |                                  |                             | 9/60        | 11/40 | 30 2 110 58 000/0 |
|       |                                  |                             | 9/75        | 11/50 | 30 2 110 59 000/0 |
| R0101 | fastening screw                  | STAR 02./..., 03./..        |             |       | 30 9 020 50 100/0 |
|       |                                  | STAR 05./..., 07./..        |             |       | 30 9 050 50 100/0 |
|       |                                  | STAR 09./..., 11./..        |             |       | 30 9 110 50 100/0 |
| R0102 | set-discharge tape for chain bag | for chain weight over 25 kg |             |       | 30 9 030 54 012/0 |

## Chain box “Flip Bag”



R03



R0301



R0302

## Version STAR 02./.., 03./..

| Code  | Description          | Version<br>Chain/Meter |      | Order number<br>complete (R03) | Order number<br>single (R0301) |
|-------|----------------------|------------------------|------|--------------------------------|--------------------------------|
| R03   | chain box “Flip Bag” | 4/25                   | 5/20 | 30 2 020 50 400/0              | 30 2 160 400/0                 |
|       |                      | 4/40                   | 5/25 | 30 2 020 50 500/0              | 30 2 160 500/0                 |
|       |                      | 4/50                   | 5/40 | 30 2 020 50 600/0              | 30 2 160 600/0                 |
|       |                      |                        | 5/60 | 30 2 020 50 700/0              | 30 2 160 700/0                 |
|       |                      |                        | 5/75 | 30 2 020 50 800/0              | 30 2 160 800/0                 |
|       |                      |                        | 5/90 | 30 2 020 50 900/0              | 30 2 160 900/0                 |
| R0302 | set of fastening     |                        |      |                                | 30 2 020 50 002/1              |

## Version STAR 05./..

| Code  | Description          | Version<br>Chain/Meter |  | Order number<br>complete (R03) | Order number<br>single (R0301) |
|-------|----------------------|------------------------|--|--------------------------------|--------------------------------|
| R03   | chain box “Flip Bag” | 5/20                   |  | 30 2 050 50 400/0              | 30 2 180 400/0                 |
|       |                      | 5/25                   |  | 30 2 050 50 500/0              | 30 2 180 500/0                 |
|       |                      | 5/40                   |  | 30 2 050 50 600/0              | 30 2 180 600/0                 |
|       |                      | 5/60                   |  | 30 2 050 50 700/0              | 30 2 180 700/0                 |
|       |                      | 5/75                   |  | 30 2 050 50 800/0              | 30 2 180 800/0                 |
|       |                      | 5/90                   |  | 30 2 050 50 900/0              | 30 2 180 900/0                 |
| R0302 | set of fastening     |                        |  |                                | 30 2 050 50 002/0              |

## Version STAR 07./..

| Code  | Description          | Version<br>Chain/Meter | Order number<br>complete (R03) | Order number<br>single (R0301) |
|-------|----------------------|------------------------|--------------------------------|--------------------------------|
| R03   | chain box "Flip Bag" | 7/10                   | 30 2 070 50 400/0              | 30 2 180 400/0                 |
|       |                      | 7/20                   | 30 2 070 50 500/0              | 30 2 180 500/0                 |
|       |                      | 7/25                   | 30 2 070 50 600/0              | 30 2 180 600/0                 |
|       |                      | 7/30                   | 30 2 070 50 700/0              | 30 2 180 700/0                 |
|       |                      | 7/40                   | 30 2 070 50 800/0              | 30 2 180 800/0                 |
|       |                      | 7/50                   | 30 2 070 50 900/0              | 30 2 180 900/0                 |
| R0302 | set of fastening     |                        |                                | 30 2 070 50 002/0              |

## Version STAR 09./..

| Code  | Description          | Version<br>Chain/Meter | Order number<br>complete (R03) | Order number<br>single (R0301) |
|-------|----------------------|------------------------|--------------------------------|--------------------------------|
| R03   | chain box "Flip Bag" | 9/10                   | 30 2 090 50 350/0              | 30 2 230 350/0                 |
|       |                      | 9/18                   | 30 2 090 50 480/0              | 30 2 230 480/0                 |
|       |                      | 9/30                   | 30 2 090 50 600/0              | 30 2 230 600/0                 |
|       |                      | 9/40                   | 30 2 090 50 700/0              | 30 2 230 700/0                 |
| R0302 | set of fastening     |                        |                                | 30 2 090 50 002/0              |

## Version STAR 11./..

| Code  | Description          | Version<br>Chain/Meter | Order number<br>complete (R03) | Order number<br>single (R0301) |
|-------|----------------------|------------------------|--------------------------------|--------------------------------|
| R03   | chain box "Flip Bag" | 11/6                   | 30 2 110 50 350/0              | 30 2 230 350/0                 |
|       |                      | 11/12                  | 30 2 110 50 480/0              | 30 2 230 480/0                 |
|       |                      | 11/20                  | 30 2 110 50 600/0              | 30 2 230 600/0                 |
|       |                      | 11/25                  | 30 2 110 50 700/0              | 30 2 230 700/0                 |
|       |                      | 11/30                  | 30 2 110 50 800/0              | 30 2 230 800/0                 |
| R0302 | set of fastening     |                        |                                | 30 2 110 50 002/0              |



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