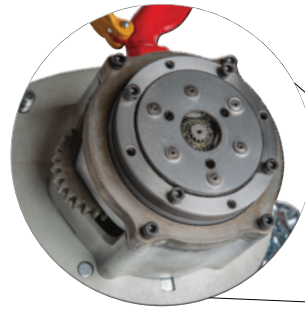
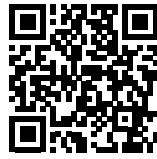


**Premium** Manual chain hoist with variable speed **Features**

- » **Variable speed:** Without load = high-speed lifting. With load = standard lifting.
- » Patented transmission detects the load condition and automatically adjusts the speed.
- » Without load, the load chain can be lifted and lowered up to 5x faster than with a comparable chain hoist.
- » Smooth transition between standard and high-speed lifting.
- » Maintenance friendly design. Brake and transmission are easy to access.
- » Measurement points on the hooks.
- » Precision machined shafts, chain sprocket and gears ensure smooth operation.
- » High strength double casing provides protection against dust and water.
- » Robust housing endures external shock without damage to the bearing alignment.
- » **Premium features:**
  - » Extremely durable steel brake disc with sintered brake pads.
  - » Enhanced corrosion resistant, caged cylindrical roller bearings for heavy-duty applications.
- » Complies with the Machinery Directive 2006/42/EC. Supplied with test certificate, CE declaration of conformity and operating instructions.

| Specifications |                 |             |                    |                    |                          |                    |                         |
|----------------|-----------------|-------------|--------------------|--------------------|--------------------------|--------------------|-------------------------|
| Article code   | Capacity<br>ton | Chain falls | Load chain<br>Øxmm | Hand chain<br>Øxmm | Effort for max load<br>N | Net weight<br>kg * | Extra weight<br>kg/m ** |
| VS.0.04103000  | 3,000           | 1           | 10 x 30            | 5 x 25             | 480                      | 20,9               | 3,1                     |
| VS.0.04105000  | 5,000           | 2           | 10 x 30            |                    | 422                      | 27,2               | 5,3                     |
| VS.0.04110000  | 10,000          | 4           | 10 x 30            |                    | 451                      | 51,2               | 9,7                     |
| VS.0.04120000  | 20,000          | 8           | 10 x 30            |                    | 451x2                    | 106,2              | 19,3                    |

\* without load and hand chain \*\* per meter lifting height for load and hand chain

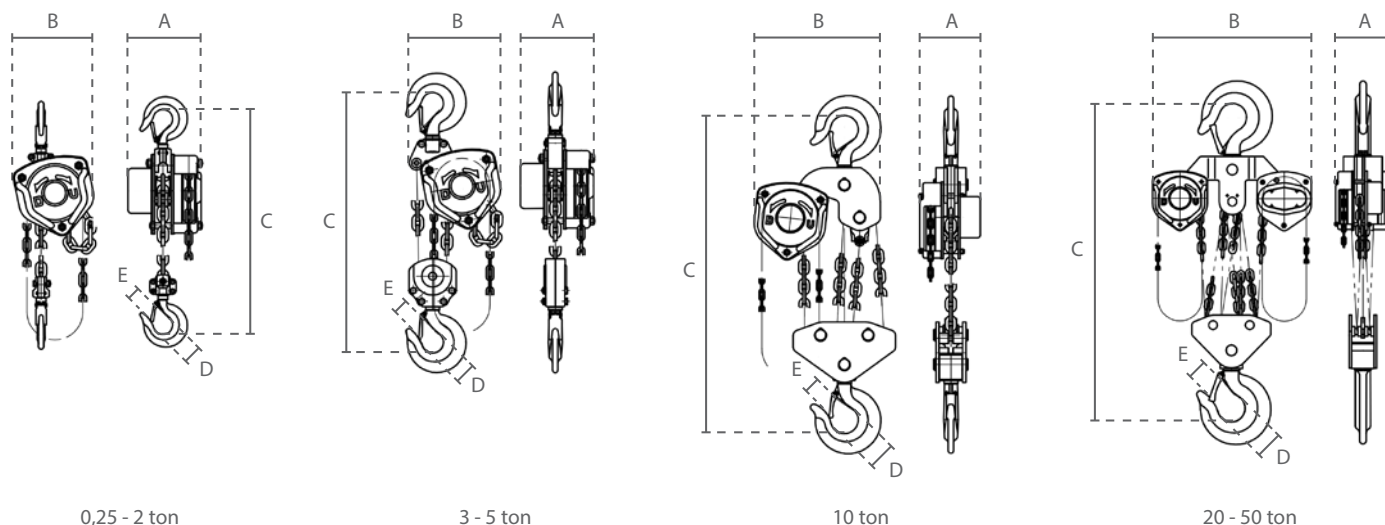
| Specifications |                                          |                                      |                             |                             |
|----------------|------------------------------------------|--------------------------------------|-----------------------------|-----------------------------|
| Article code   | Hand chain for 1m<br>standard speed lift | Hand chain for 1m<br>high-speed lift | High speed » Standard speed | Standard speed » High speed |
| ton            | m                                        | m                                    | kg                          | kg                          |
| 3,000          | 103                                      | 21                                   | > 70                        | < 25                        |
| 5,000          | 206                                      | 42                                   | > 110                       | < 50                        |
| 10,000         | 412                                      | 83                                   | > 220                       | < 75                        |
| 20,000         | 412x2                                    | 83x2                                 | > 440                       | < 150                       |

| Specifications        |                                                    |
|-----------------------|----------------------------------------------------|
| Hooks                 | Drop-forged steel hooks with cast latch            |
| Load chain            | Galvanized load chain according to EN 818-7-T      |
| Hand chain            | Galvanized hand chain                              |
| Operating temperature | -10°C - +60°C                                      |
| ATEX zone             | Not suitable                                       |
| Load type             | Goods, may not be used to lift or transport people |

| Protection          |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Overload protection | No overload protection                                                                                    |
| Brake               | Automatic safety load brake with twin pawls. Extremely durable steel brake disc with sintered brake pads. |



## Manual chain hoist dimensions



### DELTA SPARKLESS®

|                |             | Dimensions (mm) |     |     |      |     |    |
|----------------|-------------|-----------------|-----|-----|------|-----|----|
| Capacity (ton) | Chain falls | A               | B   | C   | D    | E   |    |
| 0,500          | 0,500       | 1               | 113 | 125 | 255  | 36  | 30 |
| 1,000          | 0,900       | 1               | 126 | 147 | 306  | 40  | 34 |
| 2,000          | 1,250       | 1               | 141 | 183 | 368  | 50  | 41 |
| 3,000          | 2,500       | 2               | 141 | 183 | 486  | 58  | 48 |
| 5,000          | 4,000       | 2               | 163 | 215 | 616  | 64  | 52 |
| 10,000         | 8,000       | 4               | 163 | 405 | 750  | 85  | 64 |
| 20,000         | 16,000      | 8               | 191 | 595 | 1000 | 110 | 85 |



### DELTA INOX®

|                |             | Dimensions (mm) |     |     |    |    |  |
|----------------|-------------|-----------------|-----|-----|----|----|--|
| Capacity (ton) | Chain falls | A               | B   | C   | D  | E  |  |
| 0,500          | 1           | 132             | 142 | 360 | 40 | 26 |  |
| 1,000          | 1           | 151             | 172 | 376 | 40 | 26 |  |
| 2,000          | 1           | 189             | 233 | 520 | 50 | 24 |  |
| 3,000          | 2           | 173             | 230 | 565 | 55 | 39 |  |
| 5,000          | 3           | 189             | 365 | 710 | 65 | 41 |  |



### DELTA RED®

|                |             | Dimensions (mm) |     |     |     |    |  |
|----------------|-------------|-----------------|-----|-----|-----|----|--|
| Capacity (ton) | Chain falls | A               | B   | C   | D   | E  |  |
| 3,000          | 1           | 240             | 216 | 560 | 55  | 38 |  |
| 5,000          | 2           | 240             | 262 | 600 | 65  | 43 |  |
| 10,000         | 4           | 240             | 377 | 798 | 85  | 50 |  |
| 20,000         | 8           | 316             | 632 | 890 | 110 | 81 |  |

