## Worm gear hand winches <br> 250-1500 kg

## Description of the winch

This hand winch is very safe due to the natural braking effect of the worm gear transmission in combination with the load pressure brake. In addition, the winch is easy to use, can be mounted in various ways and has a cable storage up to 120 meters.

## Product specificaties

> robust and safe lifting and pulling winch in compliance with EN13157
> static safety factor 4
> right angled, easy to grease worm transmission and maintenance free bearings
> load pressure brake with double ratchet system for safe stable hold of the load in any position
> cable outlet upwards, downwards or at rear

> adjustable crank, with ergonomic grip
> suitable for wall and floor mounting
> large rope capacity
> simple and quick attachment
> paint thickness is 60-80 micron in 1 layer and in compliance with DIN/ISO 12944, C1M - RAL 7035 (grey)

> corrosion resistant

## Options (code)

- zinc-plated finish 6-8 micron (EV)
- 2 layers of paint according to C3M (2L)
- grooved drum (GD)
- 2 drum compartment (2D)
- suitable to use with webbing belt W:50 mm D:2 mm (WB)
- belt storage WW250: 10 m
- belt storage WW500: 14 m
- belt storage WW1000-1500: 15 m
suitable for floor mounting (FM)
- ATEX certified zone 2 and 22 (EX)
- CE II 3G Ex IIC T4 Gc, $-20^{\circ} \mathrm{C}<\mathrm{T}$ amb $<+70^{\circ} \mathrm{C}$
- CE II 3 D Ex IIIC $\mathrm{T} 135^{\circ} \mathrm{C} \mathrm{Dc},-20^{\circ} \mathrm{C}<\mathrm{T}$ amb $<+70^{\circ} \mathrm{C}$
custom options possible - on request


| Dimensions (mm) | A | B | C | D | G | H | J | K | L | M | N | 0 P | R | S |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WW250 | 238 | 145 | 100 | 192 | 107 | 105 | 48 | 14 | 160 | 191 | 15 | 365325 | 171 | 132 |
| WW500 | 269 | 160 | 115 | 223 | 108 | 135 | 70 | 14 | 190 | - 221 | 15 | 393325 | 193 | 132 |
| WW1000 | 302 | 195 | 141 | 254 | 109 | 162 | 102 | 17 | 240 | 266 | 15 | 440350 | 263 | 132 |
| WW1500 | 302 | 250 | 178 | 254 | 109 | 162 | 102 | 17 | 240 | 278 | 15 | 451350 | 306 | 132 |
| Technical specifications |  |  |  |  | Unit |  | WW250 |  | WW500 |  |  | WW1000 | WW1500 |  |
| Capacity 1st layer |  |  |  |  | kg |  | 250 |  | 500 |  |  | 1000 | 1500 |  |
| Capacity 4th layer |  |  |  |  | kg |  | 179 |  | 355 |  |  | 722 | 1025 |  |
| Capacity top layer |  |  |  |  | kg |  | 92 |  | 224 |  |  | 527 | 846 |  |
| Rope diameter-Ø |  |  |  |  | mm |  | 4 |  | 6 |  |  | 8 | 10 |  |
| Rope storage 1st layer |  |  |  |  | m |  | 3,6 |  | 4,3 |  |  | 4,7 | 4,2 |  |
| Rope storage 4th layer |  |  |  |  | m |  | 18,7 |  | 22,8 |  |  | 25,6 | 24 |  |
| Rope storage top layer |  |  |  |  | m |  | 104 |  | 78 |  |  | 63 | 41 |  |
| Lift per crank rotation |  |  |  |  | mm |  | 17 |  | 20 |  |  | 13 | 9 |  |
| Crank effort at full load |  |  |  |  | daN |  | 5 |  | 10 |  |  | 13 | 14 |  |
| Weight (without rope) |  |  |  |  | kg |  | 10 |  | 13 |  |  | 22 | 24 |  |
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