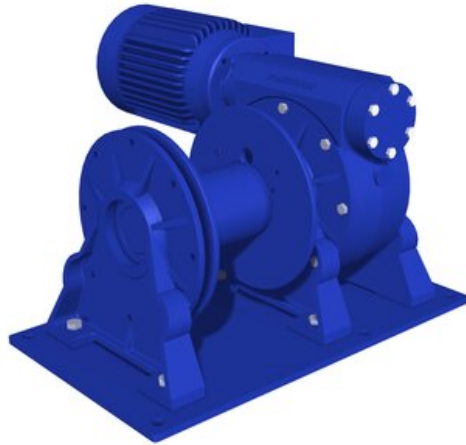


## Electric Wormgear type MCW



### Product information

## EMCÉ WINCHES

A range of electric self-braking wormgear winches developed for heavy duty pulling and traversing duties up to 2,800 kg. Due to the self-braking wormgears the winches are suitable for pulling up a slope. A brake is available as an option for accurate positioning or repetitive lifting applications up to 2,000 kg.

- IP 54 400 VAC / 3 phases / 50 Hz non-braked motor
- Steel drum (not grooved) with cable fixing point at flange
- Single drum support (MCW 250, MCW 500)
- Two drum supports (all other models)
- Double layer 2-component conservation according ISO 12944 category C2-Low, colour RAL 5010
- FEM/ISO Class: T2-L2-M2

### Options:

- Braked motor (aluminium or cast iron)
- IP 56 TENV cast iron motor for marine applications
- 220 single-phase motors (up to MCW 750)
- 24 VDC motors
- Explosion proof motors
- Protective steel motor cover
- Manual or remotely controlled disengaging clutch
- Band brakes
- Grooved drum - Drum press roller
- Alternative Speeds
- Alternative drum dimensions / split drums/ additional rope anchors / etc.
- Drum Guards
- Emergency Cranking
- Marine / offshore coating systems

### Control options:

- IP 65 direct pendant remote control with emergency stop (up to 1.5kW 220 V AC / 1 phase or 2.2kW 400 V AC / 3 phase)
- IP 55 control box with low-voltage IP 65 remote control built acc. to NEN 1010
- Load limiter
- Frequency inverter for variable speed control

- wireless radio control systems
- Limit switches
- Slack wire switches

**Features:** Self breaking wormgear transmission

| Part code | Code        | WLL ton | WLL top layer ton | Recomm. rope dia. mm | Motor kW | WLL Pulling 1st layer kg | WLL Pulling 5th layer kg | Speed 1st layer m/min | Drum capacity 1st layer m | Max. drum capacity m |
|-----------|-------------|---------|-------------------|----------------------|----------|--------------------------|--------------------------|-----------------------|---------------------------|----------------------|
| 5406      | MCW 250     | 0.2     | 0.135             | 6                    | 0.75     | 250                      | 170                      | 6                     | 2                         | 19                   |
| 5406      | MCW 250 SPH | 0.2     | 0.135             | 6                    | 0.75     | 250                      | 170                      | 5                     | 2                         | 19                   |
| 5406      | MCW 500 SPH | 0.275   | 0.275             | 6                    | 1.5      | 500                      | 340                      | 5                     | 2                         | 19                   |
| 5406      | MCW 750 SPH | 0.36    | 0.36              | 7                    | 1.8      | 700                      | 460                      | 5                     | 6                         | 42                   |
| 5406      | MCW 500     | 0.4     | 0.275             | 6                    | 1.1      | 500                      | 340                      | 6                     | 2                         | 19                   |
| 5406      | MCW 750     | 0.6     | 0.39              | 7                    | 1.5      | 750                      | 490                      | 6                     | 6                         | 42                   |
| 5406      | MCW 1200    | 0.96    | 0.6               | 8                    | 2.2      | 1,200                    | 750                      | 5                     | 5                         | 38                   |
| 5406      | MCW 1700    | 1.3     | 0.805             | 10                   | 4        | 1,700                    | 1,055                    | 6                     | 6                         | 50                   |
| 5406      | MCW 2200    | 1.7     | 1.055             | 12                   | 5.5      | 2,200                    | 1,365                    | 7                     | 7                         | 63                   |
| 5406      | MCW 2800    | 2       | 1.245             | 13                   | 7.5      | 2,800                    | 1,745                    | 8                     | 8                         | 76                   |

## Technical data

**Technical information**

| <b>Winch type</b> | <b>Motor power</b> | <b>Motor power</b>  |
|-------------------|--------------------|---------------------|
|                   | <b>400v</b>        | <b>230 V1 phase</b> |
|                   | <b>kW S2</b>       | <b>kW S2</b>        |
| MCW 250           | 0.75               |                     |
| MCW 500           | 1.1                |                     |
| MCW 750           | 1.5                |                     |
| MCW 1200          | 2.2                |                     |
| MCW 1700          | 4                  |                     |
| MCW 2200          | 5.5                |                     |
| MCW 2800          | 7.5                |                     |
| MCW 250 SPH       |                    | 0.75                |
| MCW 500 SPH       |                    | 1.5                 |
| MCW 750 SPH       |                    | 1.8                 |