



Electric Winch Type MCW EMCE

Product information

A range of electric self braking worm gear winches, developed for heavy duty pulling and traversing duties up to 2800 kg. Also available as a lifting winch. Due to self braking worm gears the winches are suitable for pulling up an incline.

The MCW series is also available as a lifting winch with capacities up to 1700 kg. For more accurate positioning during pulling, or repetitive lifting jobs, an optional motor brake is available.

Standard features:

- Self-braking wormgear transmission ¹⁾
- IP 54 400 V-AC / 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

Mechanical 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 V DC motors
- Explosion-proof motors
- Protective steel motor cover
- Manual or remotely controlled disengaging clutch
- Band brakes
- Grooved drum
- Drum pressure 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 1.5 kW 220 V AC / 1 phase or 2.2 kW 400 V AC / 3 phase)
- IP 55 Control box with push-buttons and emergency stop built acc. to NEN60204-32
- IP 66 Control box with low-voltage IP 65 remote control built acc. to NEN60204-32
- Load limiter
- Frequency inverter for variable speed control
- Wireless radio remote control systems
- Limit switches
- Slack wire switches

Features: - Self braking worm gear transmission.

Note: Please indicate in the comments field of your request if you want to use the winch for lifting purposes.

Part code	WLL ton	Type	Operation voltage (V)	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	Weight kg
4005051	0.2	MCW 250	400V AC 3 phase	0.135	6	0.75	250	170	6	2	19	22
4005058	0.2	MCW 250 SPH	230V AC 1 phase	0.135	6	0.75	250	170	5	2	19	22
4005052	0.4	MCW 500	400V AC 3 phase	0.275	6	1.1	500	340	6	2	19	35
4005059	0.4	MCW 500 SPH	230V AC 1 phase	0.275	6	1.5	500	340	5	2	19	35
4005060	0.55	MCW 750 SPH	230V AC 1 phase	0.36	7	1.8	750	460	5	6	42	55
4005053	0.6	MCW 750	400V AC 3 phase	0.39	7	1.5	750	490	6	6	42	55
4005054	0.96	MCW 1200	400V AC 3 phase	0.6	8	2.2	1,200	750	5	5	38	92
4005055	1.3	MCW 1700	400V AC 3 phase	0.805	10	4	1,700	1,055	6	7	50	140
4005056	1.7	MCW 2200	400V AC 3 phase	1.055	12	5.5	2,200	1,365	7	9	63	180
4005057	2	MCW 2800	400V AC 3 phase	1.245	13	7.5	2,800	1,745	8	11	76	254

Blueprint

