

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 Pulling 1st layer kg	WLL Pulling 5th layer kg	WLL Lifting 1st layer kg	WLL Lifting 5th layer kg	Recomm. Rope dia. mm	Speed 1st layer m/min.	Drumcap. 1st layer m	Drumcap. 5th layer m	Motor power 400v kW S2	Delivery time
5406	MCW 250	250	170	200	135	6	6	2	19	0.75	10
5406	MCW 500	500	340	400	275	6	6	2	19	1.1	10
5406	MCW 750	750	490	600	390	7	6	6	42	1.5	10
5406	MCW 1200	1,200	750	960	600	8	5	5	38	2.2	10
5406	MCW 1700	1,700	1,055	1,300	805	10	6	6	50	4	10
5406	MCW 2200	2,200	1,365	1,700	1,055	12	7	7	63	5.5	10
5406	MCW 2800	2,800	1,745	2,000	1,245	13	8	8	76	7.5	10
5406	MCW 250 SPH	250	170	200	135	6	5	2	19	0.75	10
5406	MCW 500 SPH	500	340	275	275	6	5	2	19	1.5	10
5406	MCW 750 SPH	700	460	360	360	7	5	6	42	1.8	10

Technical data

Technical information

Winch type	Motor power	Motor power
	400v	230 V1 phase
	kW S2	kW S2
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