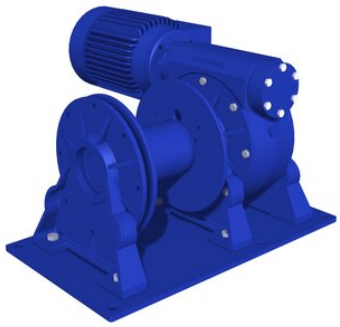
CERTEX | Lifting Solutions Group
Axel Johnson International

Electric Wormgear type MCW

Product information

EMCÉ WINCHES



A range of electric self-braking wormgear winches developed for heavy dutypulling 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

... *Read more*

Features: Self breaking wormgear transmission

CERTEX Danmark A/S
info@certex.dk
+45 74 54 14 37

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Technical data

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

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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

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