

EUROPEAN ELECTRIC CHAIN HOIST

BMG SERIES



CODEMA
Cranes & Components

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CODEMA

Multi-product + Advanced Technology + System Solution

CODEMA sets high quality products and advanced technology in one, in addition to the lifting industry experts and experience. A wealth of engineers; It also offers a wide range of products and safe and reliable system solutions. And to best serve our customers.



HIGHER PERFORMANCE & FASTER

- BMS european electric chain hoist with high performance, high safety reliability advantages, using use humanized design concept to increase your productivity and make the work to achieve the highest efficiency



- PROFESSIONAL CHAIN GUIDE DESIGN
- MORE SMOOTH AND EFFICIENT OPERATION
- CHAIN WEAR LESS

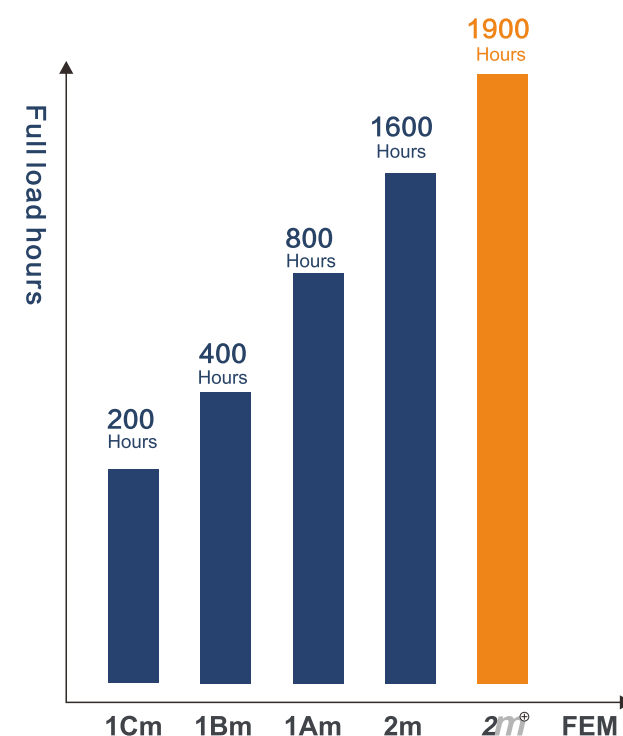
SENSITIVE AND FAST

BMS european electric chain hoist with flexible action, positioning accuracy. Load stood up quickly and efficiently speed, low speed hoisting load smoothly, accurate positioning

LONGER SERVICE LIFE FOR GREATER EFFICIENCY

In practical terms, BMS european electric chain service life is extended by approx.20% in comparison with the conventional 2m classification for chain hoists FEM rating. This results in significantly prolonged time between service intervals and general overhauls, This extra operating life is only offered by BMS european electric chain.

Longer service life for greater efficiency



MAINTENANCE Fast and Simple

- BMS european electric chain hoist, all main drive components, such as gear box, brake and clutch made by a special process, and durable, BMS series brake have 5 years free maintenance, CODEMA hoist still has a long working life with high quality even in busy work.
- Because BMS european electric chain is designed by excellent service idea and necessary maintenance work can quickly & simply finished works.
- The chain drive of BMS european electric chain is designed as a compact unit which is slid into place and can be replaced in a minimum of time without the need to disassemble motor or gearbox parts. Long downtimes as a result of maintenance work are now a thing of the past.

TAILORED SOLUTIONS



- BMS european electric chain hoist has been certified by the relevant national authority. Protection class of hoist motor, electric chain hoist and traveling motor device are all IP55, push button control is with excellent moistureproof dustproof, IP65.

1

Gearbox---Maintenance-free, working-level for M6. BMS european electric chain with a rated service life of 1900 full load hours. In practical terms, this means the service life is extended by approx. 20%, the helical gearing inside the gearbox also reduces operating noise and provide smooth operation.

2

Brake---Maintenance-free, because of minimum wear, adjustment is not necessary. The brake is enclosed in the electrical panel and provides double protection from the elements.

3

Slip clutch---Maintenance-free, integrated behind the brake in the power drive, it provides reliable protection against overload. Integrated slip clutch monitoring prevents permanent damage to the slip clutch.

4

Height adjustable control pendant cable---The length of the control cable, therefore, the suspension height of the control pendant can be infinitely varied for a hook path range of 2-5m and 5-8m. The excess control cable is accommodated behind the service cover.

5

Control---24V contactor control, operating limit switches (upper/lower).

6

Steel chain---A special CODEMA chain of high-strength. Hardened age-resistant material. Galvanized and other surface-treatments are available to protect against specific hostile environments.

7

Suspension bracket---BMS hoists are supplied with short and long suspension brackets as standard and can always be attached to the super-structure with the optimal connectin.

8

Housing---Robust and lightweight die-cast aluminium housing of compact and modern industrial design. Automotive paint, to provide more long-term protection.

9

Hoist motor---High-performance motor with large safety reserves even at high ambient temperatures and in prolonged operation. Using 2 hoist speed with 1:4 speed ratio and frequency Control to multi-speed requirements.

10

Chain guide---The unit is a complete assembly consisting of the chain and chain guide which facilitates quick and easy replacement of the entire chain drive without having to remove the motor or gear parts. Downtime can therefore be reduced significantly. The chain drive consists of highly wear-resistant materials for long service life.

11

Chain collector box---Suspended from a pivoting connection, is made of tough, flexible and particularly impact-resistant plastic; capacity for up to 8m hook path. A flexible chain container for chain lengths up to 40m as well as special lengths up to 120m.

12

Bottom block---Comfortable hook device by hand. For improved ergonomic handling of the hook. The hook after forging processing to make great-strength, hooks rotate by 360 degrees, a specially designed safety tongue, to ensure safe operation.

EUROPEAN ELECTRIC CHAIN HOIST WITH HOOK TYPE



Basic Characteristics

- BMS european electric chain hoist can be installed to the KBK orbit of standard components.

Easy Test

- All electrical connection to plug in, plug and play universal suspension mechanism,both can used for KBK standard track and can be connected to trolley quickly.

Humanized Design

- Control cable length can be adjusted,control pendant always in the most appropriate location. Control pendant is humanized design,grip feels comfortable,avoid operation fatigue.

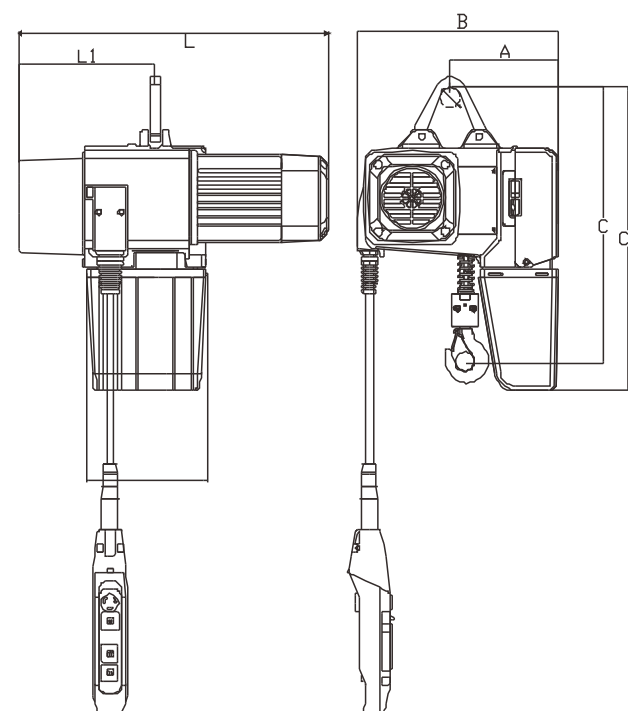
Unified Maintenance Test Back Cover

- Can be used for electric plug,Control pendant can be high adjusted,the chain lubrication,without having to remove other components,fastly replace chain guide,and reduce downtime.

Standard Double Speed Motor, Higher Working Efficiency

- 24V control voltage is more safe.

TECHNICAL PARAMETERS



Model	(KG)	(m/min)	(Kw)	(r/min)	(V)	(V)	(FEM/ISO)
BMS0.125-01M	125	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
BMS0.125-01M	125	13/3.2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.25-01M	250	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
BMS0.5-01M	500	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.5-02M	500	4/1	0.4/0.1	2880/720	220-460	24	2M/M5
BMS01-01M	1000	8/2	1.5/0.37	2880/720	220-460	24	2M/M5
BMS01-02M	1000	4/1	0.75/0.2	2880/720	220-460	24	2M/M5
BMS02-02M	2000	4/1	1.5/0.37	2880/720	220-460	24	2M/M5

Model	L	L1	A	B	C	C1
BMS0.125-01M	440	194	160	288	400	425
BMS0.125-01M	464	197	170	315	420	450
BMS0.25-01M	440	194	160	288	400	425
BMS0.5-01M	464	197	170	315	420	450
BMS0.5-02M	440	194	160	288	470	425
BMS01-01M	548	260	182	343	560	640
BMS01-02M	464	197	170	315	490	450
BMS02-02M	548	260	182	343	630	640

EUROPEAN ELECTRIC CHAIN HOIST WITH MANUAL TROLLEY



Basic Characteristics

- ▶ BMS european electric chain hoist can be installed to the KBK orbit of standard components.

Easy Test

- ▶ All electrical connection to plug in, plug and play universal suspension mechanism, both can used for KBK standard track and can be connected to trolley quickly.

Humanized Design

- ▶ Control cable length can be adjusted, control pendant always in the most appropriate location. Control pendant is humanized design, grip feels comfortable, avoid operation fatigue.

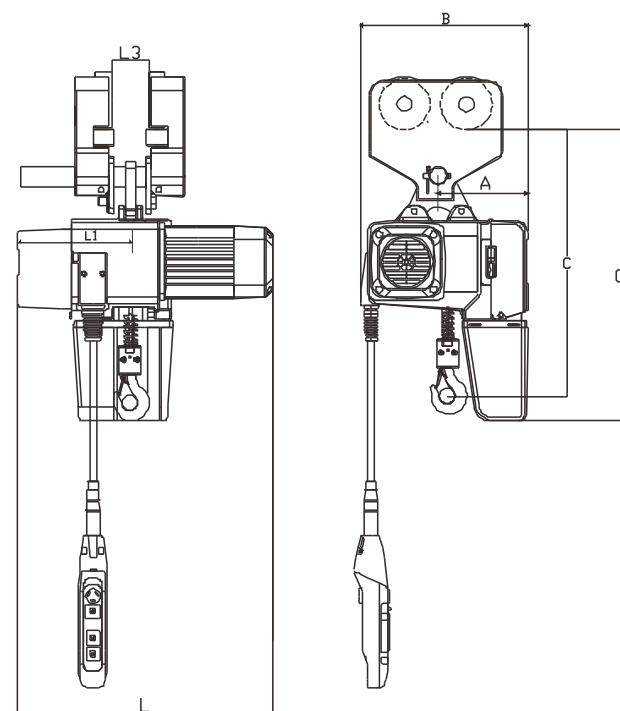
Unified Maintenance Test Back Cover

- ▶ Can be used for electric plug, control pendant can be high adjusted, the chain lubrication, without having to remove other components, fastly replace chain guide, and reduce downtime.

Standard Double Speed Motor, Higher Working Efficiency

- ▶ 24V control voltage is more safe.

TECHNICAL PARAMETERS



Model	(KG)	(m/min)	(Kw)	(r/min)	(V)	(V)	(FEM/ISO)
BMS0.125-01M	125	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
BMS0.125-01M	125	13/3.2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.25-01M	250	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
BMS0.5-01M	500	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.5-02M	500	4/1	0.4/0.1	2880/720	220-460	24	2M/M5
BMS01-01M	1000	8/2	1.5/0.37	2880/720	220-460	24	2M/M5
BMS01-02M	1000	4/1	0.75/0.2	2880/720	220-460	24	2M/M5
BMS02-02M	2000	4/1	1.5/0.37	2880/720	220-460	24	2M/M5

Model	L	L1	L3	A	B	C	C1
BMS0.125-01M	440	194	100-200	160	288	470	470
BMS0.125-01M	464	197	100-200	170	315	490	495
BMS0.25-01M	440	194	100-200	160	288	470	470
BMS0.5-01M	464	197	100-200	170	315	490	495
BMS0.5-02M	440	194	100-200	160	288	540	470
BMS01-01M	548	260	100-200	182	343	600	680
BMS01-02M	464	197	100-200	170	315	560	495
BMS02-02M	548	260	100-200	182	343	670	690

EUROPEAN ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY



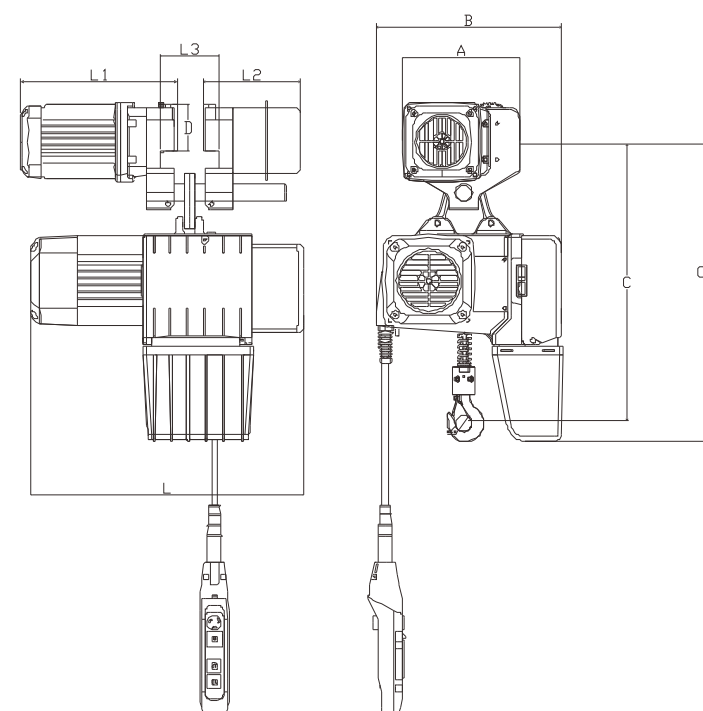
Basic Characteristics

- BMS european electric chain hoist can be installed to the KBK orbit of standard components.

Easy Test

- All electrical connection to plug in, plug and play universal suspension mechanism, both can used for KBK standard track and can be connected to trolley quickly.

TECHNICAL PARAMETERS



Humanized Design

- Control cable length can be adjusted, control pendant always in the most appropriate location. Control pendant is humanized design, grip feels comfortable, avoid operation fatigue.

Unified Maintenance Test Back Cover

- Can be used for electric plug, Control pendant can be high adjusted, the chain lubrication, without having to remove other components, fastly replace chain guide, and reduce downtime.

Standard Double Speed Motor, Higher Working Efficiency

- 24V control voltage is more safe.

Model	(KG)	(m/min)	(Kw)	(r/min)	(V)	(V)	(FEM/ISO)
BMS0.125-01M	125	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
BMS0.125-01M	125	13/3.2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.25-01M	250	8/2	0.4/0.1	2880/720	220-460	24	2M/M5
BMS0.5-01M	500	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.5-02M	500	4/1	0.4/0.1	2880/720	220-460	24	2M/M5
BMS01-01M	1000	8/2	1.5/0.37	2880/720	220-460	24	2M/M5
BMS01-02M	1000	4/1	0.75/0.2	2880/720	220-460	24	2M/M5
BMS02-02M	2000	4/1	1.5/0.37	2880/720	220-460	24	2M/M5

Model	L	L1	L2	L3	A	B	C	C1
BMS0.125-01M	440	260	164	100-200	201	288	470	470
BMS0.125-01M	464	260	164	100-200	201	315	490	495
BMS0.25-01M	440	260	164	100-200	201	288	470	470
BMS0.5-01M	464	260	164	100-200	201	315	490	495
BMS0.5-02M	440	260	164	100-200	201	288	540	470
BMS01-01M	548	305	190	100-200	340	343	600	680
BMS01-02M	464	260	164	100-200	315	315	560	495
BMS02-02M	548	290	200	100-200	340	343	670	690

EUROPEAN LOW HEADROOM TYPE ELECTRIC CHAIN HOIST



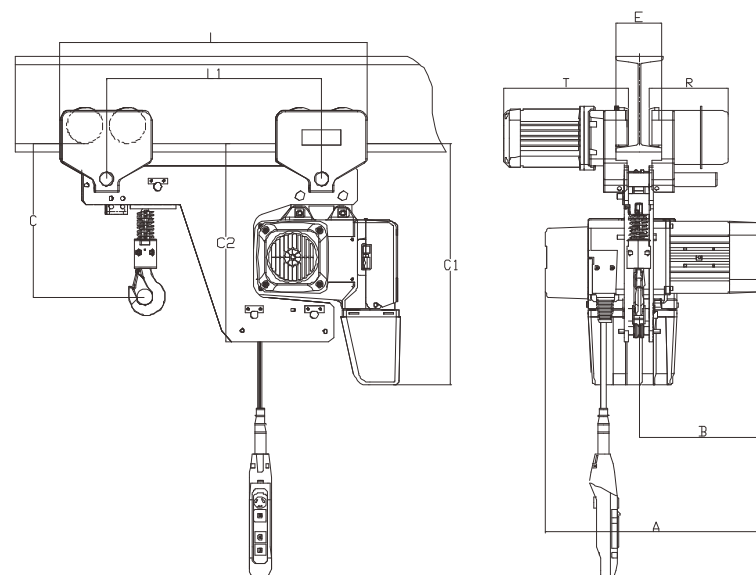
Basic Characteristics

- ▶ BMS european electric chain hoist can be installed to the KBK orbit of standard components.

Easy Test

- ▶ All electrical connection to plug in, plug and play universal suspension mechanism, both can used for KBK standard track and can be connected to trolley quickly.

TECHNICAL PARAMETERS



Humanized Design

- ▶ Control cable length can be adjusted, control pendant always in the most appropriate location. Control pendant is humanized design, grip feels comfortable, avoid operation fatigue.

Unified Maintenance Test Back Cover

- ▶ Can be used for electric plug, Control pendant can be high adjusted, the chain lubrication, without having to remove other components, fastly replace chain guide, and reduce downtime.

Standard Double Speed Motor, Higher Working Efficiency

- ▶ 24V control voltage is more safe.

Model	(KG)	(m/min)	(Kw)	(r/min)	(V)	(V)	(FEM/ISO)
BMS0.125-01M	125	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.125-01M	125	13/3.2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.25-01M	250	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.5-01M	500	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.5-02M	500	4/1	0.75/0.2	2880/720	220-460	24	2M/M5
BMS01-02M	1000	4/1	0.75/0.2	2880/720	220-460	24	2M/M5

Model	L	L1	C	C1	C2	A	B	T	E	R
BMS0.125-01M	645	454	330	510	415	464	267	260	100-200	164
BMS0.125-01M	645	454	330	510	415	464	267	260	100-200	164
BMS0.25-01M	645	454	330	510	415	464	267	260	100-200	164
BMS0.5-01M	645	454	330	510	415	464	267	260	100-200	164
BMS0.5-02M	645	454	410	510	415	464	267	260	100-200	164
BMS01-02M	645	454	410	510	415	464	267	260	100-200	164

EUROPEAN ELECTRIC CHAIN HOIST (DOUBLE HOOK)



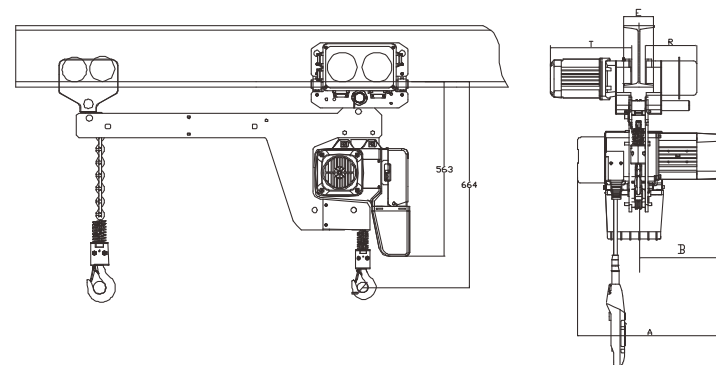
Basic Characteristics

- BMS european electric chain hoist can be installed to the KBK orbit of standard components.

Easy Test

- All electrical connection to plug in, plug and play universal suspension mechanism, both can be used for KBK standard track and can be connected to trolley quickly.

TECHNICAL PARAMETERS



Humanized Design

- Control cable length can be adjusted, control pendant always in the most appropriate location. Control pendant is humanized design, grip feels comfortable, avoid operation fatigue.

Unified Maintenance Test Back Cover

- Can be used for electric plug, Control pendant can be high adjusted, the chain lubrication, without having to remove other components, fastly replace chain guide, and reduce downtime.

Standard Double Speed Motor, Higher Working Efficiency

- 24V control voltage is more safe.

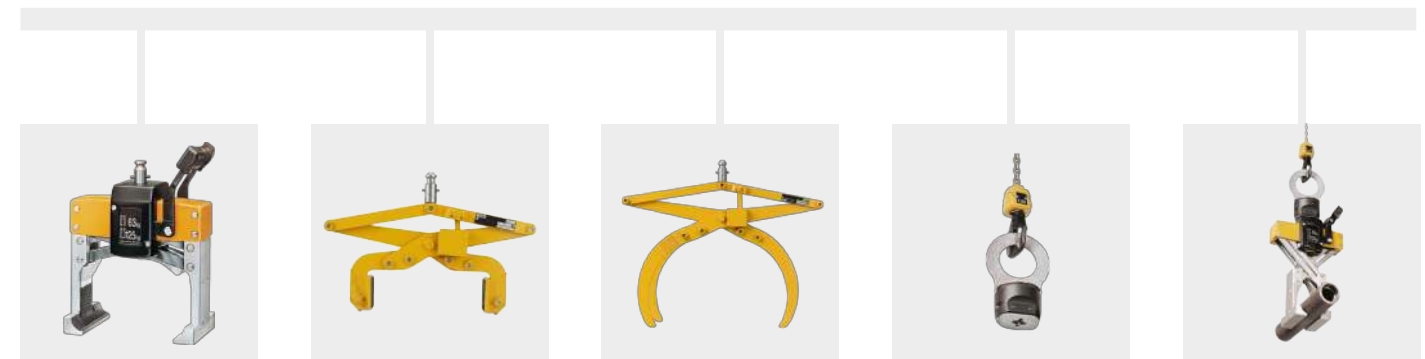
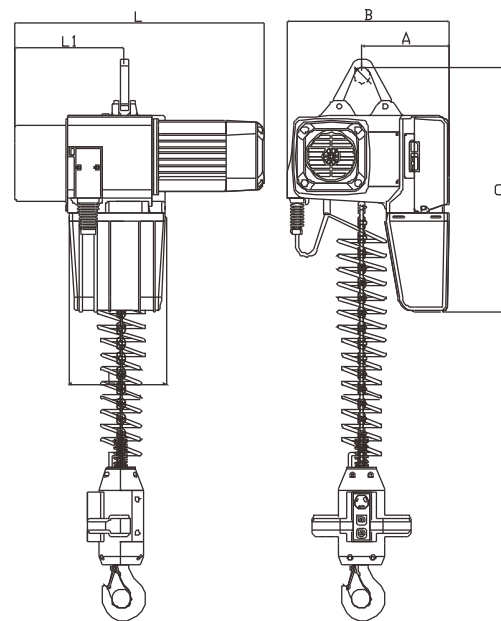
Model	(KG)	(m/min)	(Kw)	(r/min)	(V)	(V)	(FEM/ISO)
BMS0.125-01M	125	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.25-01M	250	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.5-01M	500	8/2	0.75/0.2	2880/720	220-460	24	2M/M5
BMS0.5-02M	500	4/1	0.75/0.2	2880/720	220-460	24	2M/M5
BMS01-02M	1000	4/1	0.75/0.2	2880/720	220-460	24	2M/M5

Model	A	B	T	E	R
BMS0.125-01M	464	267	260	100-200	164
BMS0.25-01M	464	267	260	100-200	164
BMS0.5-01M	464	267	260	100-200	164
BMS0.5-02M	464	267	260	100-200	164
BMS01-02M	464	267	260	100-200	164

EUROPEAN ELECTRIC CHAIN HOIST (HAND CONTROL)



TECHNICAL PARAMETERS



Model	(KG)	(m/min)	(Kw)	(r/min)	(V)	(Mode)	(FEM/ISO)
BMS0.125-01M	125	0-8	0.4	2880/720	220-460	Inverter	2M/M5
BMS0.125-01M	125	0-13	0.75	2880/720	220-460	Inverter	2M/M5
BMS0.25-01M	250	0-8	0.4	2880/720	220-460	Inverter	2M/M5
BMS0.5-01M	500	0-8	0.75	2880/720	220-460	Inverter	2M/M5

Model	L	L1	L2	A	B	C1
BMS0.125-01M	440	194	172	160	288	425
BMS0.125-01M	464	197	189	170	315	450
BMS0.25-01M	440	194	172	160	288	425
BMS0.5-01M	464	197	189	170	315	450

MEMORANDUM