

Dual Speed



Brushless DC Motor Chain Hoist BMC-250r/500r/1000r

Features Include

- Brushless motor generates no carbon dust or sparks, and has long lifespan.
- Excellent energy-saving efficiency using DC variable frequency control, which provides low startup and rated current, and ensures smooth operation.
- The system operates on 2.4GHz wireless frequency for stable, interference-free control.
- Equipped with both wired and wireless dual-speed push-button switches, including emergency stop. Low-speed setting adjustable via rotary switch.
- These wireless dual-speed push-button switches are equipped with wireless charging to simplify daily use.
- It is especially suitable for industries requiring precise positioning and accurate material feeding.
- Equipped with 6 major safety features:
 1. Auto power-off on motor overheating.
 2. Auto power-off for crane overload.
 3. Auto power-off for abnormal input voltage (too high / too low).
 4. Auto power-off for motor stall.
 5. Safety torque limiter to crane overload.
 6. Upper and lower limit switches to prevent chain over-wrapping
- Brake System driven by motor dynamic brake, paired with mechanical ratchet pawls for maximum safety.
- IP55 rating.
- Aluminum alloy housing provides durability to overall structure.
- Comes with an industrial-grade plug, which can be directly inserted into a single-phase 200-240V power.
- Standard Compliance: CE Machinery Directive 2006/42/EC, CE EMC Directive 2014/30/EU, EN 14492-2 Power Driven hoists 2006, JIS B8815, ISO 4301-1 and ASME B30.7.

Standard Accessories

- Load chain Grade FC 80
- Wireless transmitter (100m unobstructed range)
- Charger set
- Remote control w/emergency stop w/0.5 mm² x 7C x 3 m cord
- Industrial plug w/ 1.5 mm² x 3C x 3 m
- BMC-250r / BMC-500r: hook tackle ; BMC-1000r: hook block
- Hook suspension
- Chain bag

Package

- Hoist weight : 19.3 kg
- Gross weight : 27 kg for BMC-250r / BMC-500r
32 kg for BMC-1000r
- Box dimension : 380 x 410 x 345 mm

Warning

- The hoist is not intended to be used in any manner for the movement or lifting of personnel.
- The fixing point for baby hoist shall be capable of supporting the load required.

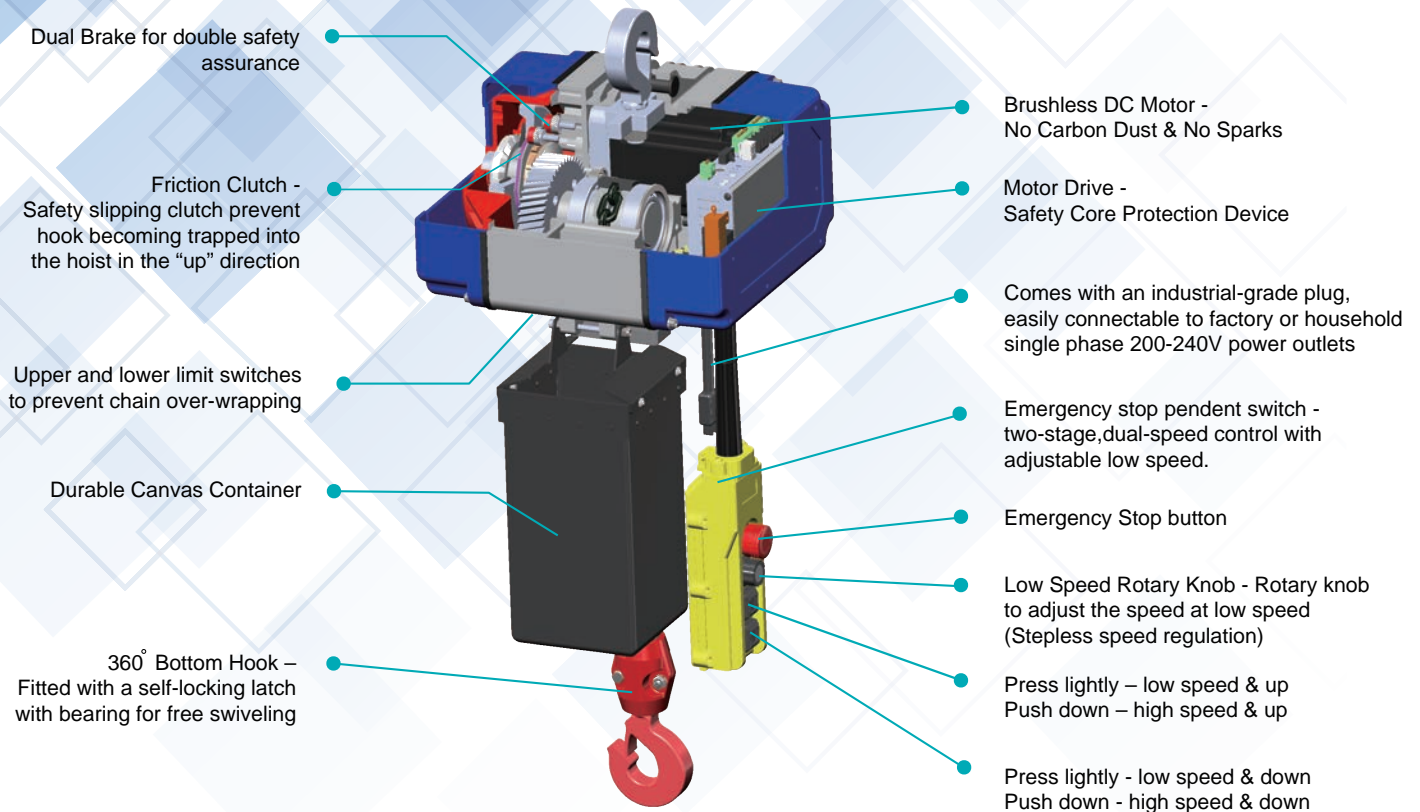
Warranty

Each new hoist is guaranteed against defects in workmanship and material defects for a period of twelve months from date of purchase. Chain are not included under warranty.

Specifications

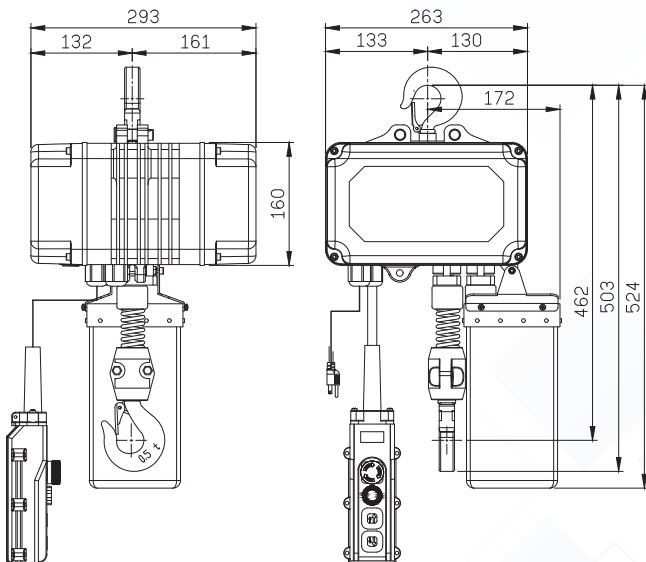
Model	BMC-250r	BMC-500r	BMC-1000r
Duty Cycle	30% ED	25% ED	
Machinery Directive	1Am (FEM) , M4 (ISO)	1Bm (FEM) , M3 (ISO)	
Power	AC200 – 240V 50/60Hz , single phase		
Lifting Load	250 kg	500 kg	1,000 kg
Lifting Height	3 m	3 m	3 m
Type of Fall	Single		Double
Motor Output	500w, 6.6A Brushless DC motor		
Line Speed (220V 60Hz)	0.4~3.6 / 13.1 m/min	0.2~1.8 / 6.5 m/min	0.1~0.9 / 3.2 m/min
Brake	Dual brakes of motor dynamic brake, paired with mechanical ratchet pawls		
Gear Ratio	35.2 : 1	70.2 : 1	
Load Chain	Grade FC80- Links 6.3 mm dia. x 19 mm long		

The lifting height shown is the maximum using the standard chain storage bag. For further options are also available upon request

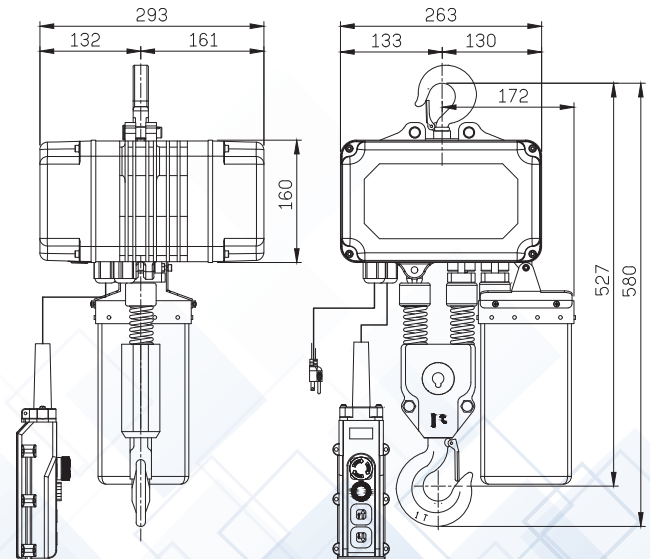


Dimension in mm

BMC-250r / BMC-500r



BMC-1000r



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