



Professional cranes & hoists for lifting



Electric Chain Hoist / BLFD series



CHENG DAY MACHINERY WORKS CO., LTD.

No. 173, Wen Chiu Road, Dajia District, Taichung City, 437 Taiwan.
Tel: +886-4-2688-1581 Fax: +886-4-2688-1509
Website: www.chengday.com E-mail: info@chengday.com.tw

- Revision of November, 2023 (Edition No.11) #950158
- No further notice while sizes and dimensions update;
Quotations are based on practical dimensions.
- Due to the printing factors, the color of the products is
subject to minor deviation from the physical objects.



CHENG DAY MACHINERY WORKS CO., LTD.

G

Powerful / Energy economical / Safety Green Product goes into industry

Permanent Magnet Brushless Motor

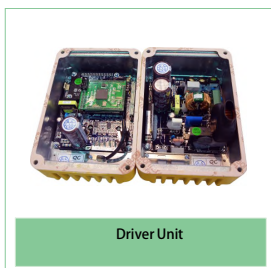
- Single phase for household electricity.
Available voltage from 90V~270V, 60Hz / 50Hz
- Permanent Magnet Brushless Motor makes low starting current, high efficiency, energy saving.
- Duty cycle rated at 30% ED (FEM 1Am, ISO M4 class), world - class in single phase series.
- IP55, with insulation F and overheat protection, long life time.
- Unique innovation of VFD driver.
- Safety devices :
 - (1) Adjustable mechanical brake clutch unit
 - (2) Up / down limit switch (3) Emergency stop button
- Low noise <75dB
- Standard pendant control and optional remote control, with knob for variable speed operation.
- Compact hoist <16Kgs, pack in plastic hand carry case.



◀ Unique Wireless Control (Optional)



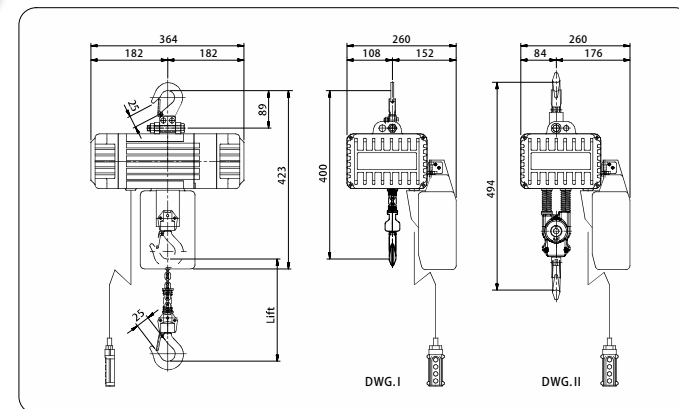
Hoist packed in convenient molded carrying case with built-in handle.



Driver Unit



Single phase, in-house use conveniently.



Rated Power Source	Single Phase, 90V~ 270V, 60Hz / 50Hz												
Model	DWG.	Capacity (kg)	Motor Output (W)	Intermittent Duty		Rated Current (A)	Lifting Speed (m/min)		Standard Lift (m)	Load Chain Diameter (mm)	Fall no.	N.W. / G.W. (kg)	
				%ED	Max.Starting Frequency (times/hr)		Low	High				3m	6m
BLFD-008	I	80	300	30	180	6.0 (110V) 3.0 (220V)	1.8-4.8	18	3	4X12	1	16.5/ 19.5	17.5/ 20.6
BLFD-012	I	120					1.25-3.2	12.5			1		
BLFD-016	I	160	600	30	180	10.0 (110V) 5.0 (220V)	1.8-4.8	18	3	4X12	1	16.5/ 19.5	17.5/ 20.6
BLFD-024	I	240					1.25-3.2	12.5			1		
BLFD-032	II	320	600	30	180	10.0 (110V) 5.0 (220V)	0.9-2.4	9	3	4X12	2	19.4/ 22.4	21.5/ 24.5
BLFD-048	II	480					0.63-1.6	6.3			2		

※ Packing (L x W x H) : 500 x 390 x 205 (mm) ※ Maximum Push Button Cable Length 20m

Chain Bucket No. Selection Table

Model	Capacity (kg)	Fall No.	Load Chain (mm)	Lift (mm)																								Bucket No.	L x W x H (mm)
				3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
BLFD-008	80	1	Ø4x12	BD1#				BD2#				BD3#				BD4#								BD1#	90X130X245				
BLFD-012	120	1																						BD2#	120X160X230				
BLFD-016	160	1																						BD3#	130X170X260				
BLFD-024	240	1																						BD4#	130X170X310				
BLFD-032	320	2		BD1#	BD2#			BD3#			BD4#																		
BLFD-048	480	2																											

Green Product goes into industry