



Professional cranes & hoists for lifting



CHENG DAY MACHINERY WORKS CO., LTD.

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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.

Electric Chain Hoist / BLFD series



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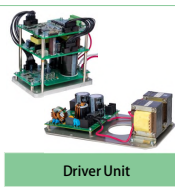
G Permanent Magnet Brushless Motor Green Product goes into industry



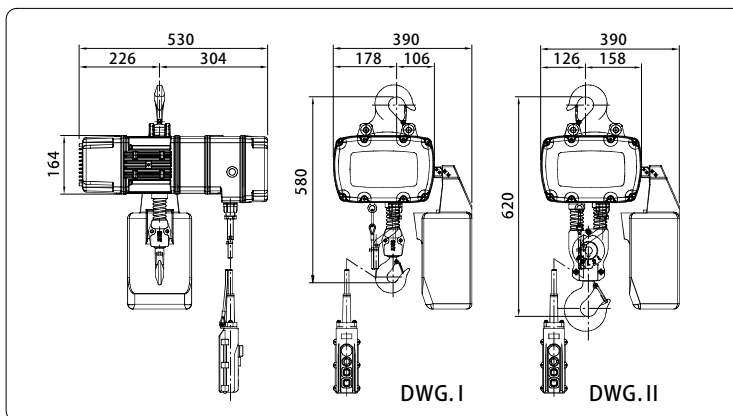
1. Single phase for household electricity.
Available voltage 90V — 130V or 190V — 270V, 50Hz / 60Hz.
Easy to fit normal power supply.
2. For portable electrical appliance, under 250V rated voltage, the rated current should be within 15 Amp, exactly meets safe requirement.
3. Unique innovation PM motor with VFD driver. Low starting current, not exceed 150% rated, energy efficient.
4. Duty cycle rated at 30% ED (FEM 1Am, ISO M4 class), world - class in single phase series.
5. Adjustable mechanical brake clutch unit prevents overload precisely.
6. International safety devices : Limit switch prevents subject moves beyond a predetermined range, the power is cut off when over lifting.
Emergency stop button.
7. Standard pendant control and optional remote control, with knob for variable speed operation.



Unique Wireless Control (Optional)



Driver Unit



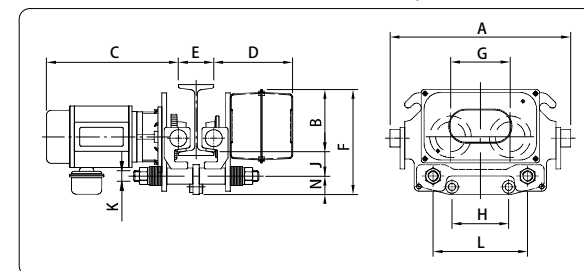
Rated Power Source	Single Phase · 90V~130V or 190V~270V · 50Hz/60Hz												
Model	DWG.	Capacity (kg)	Motor Output (W)	Intermittent Duty		Rated Current (A)	Lifting Speed (m/min)		Standard Lift (m)	Load Chain Diameter (mm)	Fall	N.W.(kg)	
				% ED	Max.Starting Frequency (times/hr)		Low	High				3m	6m
BLFD-050	I	500	750	30	180	110V(15A)	0.7-2.7	8.0	3	6.3 x 19.1	1	42.7	45.5
						220V(10A)	0.7-2.7	8.0					
BLFD-100	I	1000	1000	30	180	110V(15A)	0.4-1.9	5.6	3	7.1 x 20.2	1	46.5	50
			1200			220V(10A)	0.4-2.0	6.0					
BLFD-200	II	2000	1000	30	180	110V(15A)	0.2-0.9	2.8	3	7.1 x 20.2	2	50	53.5
			1200			220V(10A)	0.2-1.0	3.0					

※ The ED values are the sum of the values from the low and high speed:
There are divided into 1/3 low speed operation and 2/3 high speed operation.



Limit Switch of Trolley, Optional.

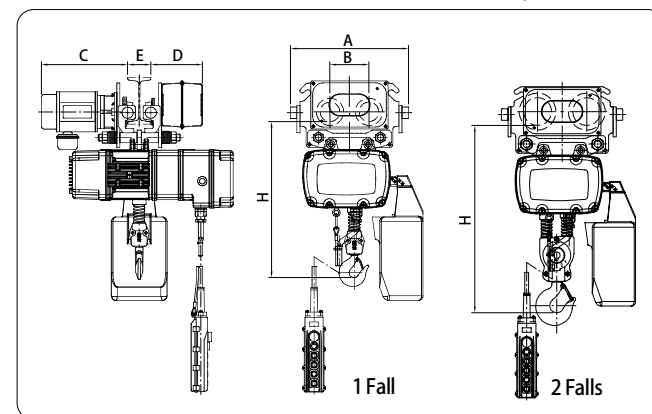
Motorized NTF Trolley



Model	Speed(m/min)		Motor kW x pole	Dimension (mm)													N.W. (kg)	Min radius of curve (m)
	60Hz	50Hz		A	B	C	D	E	F	G	H	L	J	N	K			
NTF-050	24	20	0.25x 2P	385	127	285	180	75~ 125	218	126	120	200	52	39	7/8"~9UNC (Ø22.2)	45	1.3	
NTF-100	24	20	0.25x 2P	385	114	285	180	75~ 125	220	126	120	210	67	39	1"-8UNC (Ø25.4)	45	1.3	
NTF-200	24	20	0.25x 2P	395	120	290	185	100~ 150	231	159	120	230	75	36	1 1/4"-7UNC (Ø31.8)	50	1.7	



Hoist with Motorized NTF Trolley



Model	Dimension (mm)						Fall
	H	A	B	C	D	E	
BLFD-050+NTF-050	560	385	126	285	180	75~125	1
BLFD-100+NTF-100	560	385	126	285	180	75~125	1
BLFD-200+NTF-200	625	395	159	290	185	100~150	2