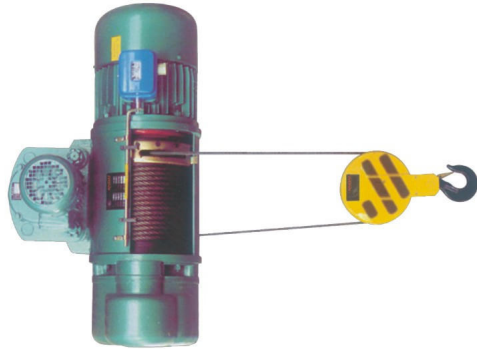


ELECTRIC WIRE ROPE HOIST



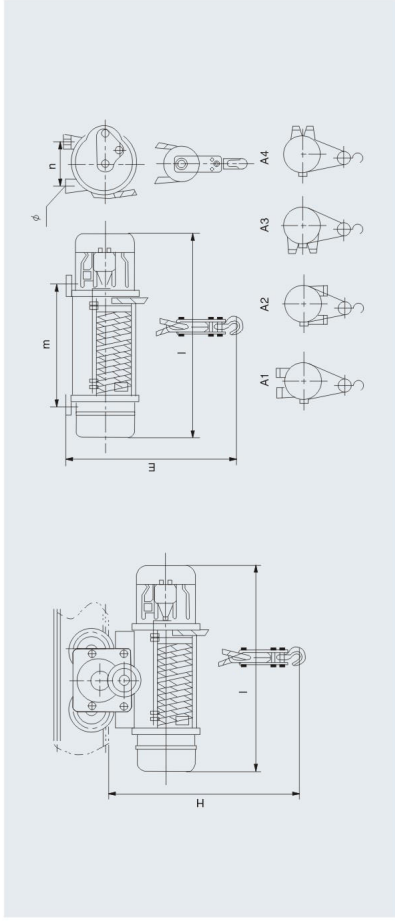
CD₁/MD₁

The electric wire rope hoist model CD₁ and MD₁ have the features of compact, light, small-sized shape and smooth operation. It can be used not only in the overhead rails, but also in conjunction with many types of electric or manual cranes such as the single-girder crane, the double-girder crane, the cantilever crane and the gantry crane. The electric hoist model MD₁ with double lifting speeds should be used in cases where the hoist model CD₁ with single speed cannot meet the requirements for fine adjustments during precision operations.

» Size Specification

Lifting capacity(t)	0.5					1					2					3					5									
	6	9	12	18	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	
Lifting height(m)	8, 0.8/8																													
Lifting speed(m/min)	20																													
Traversing speed (m/min)	5																													
Nominal diameter(mm)	7.4																													
Wire rope	6 x 37 + NF																													
Structure	1770																													
Intension rate(Mpa)	16~28b																													
(GB/T706) Rail-beam	16~28b																													
Min.radius of ring rail(m)	1.5																													
Type	21-4																													
	0.2/0.8																													
Capacity(Kw)	0.8, 0.2/0.8																													
Speed(r/min)	1380																													
Phase number	3																													
Voltage(V)	380																													
Current(A)	24, 0.72/2.4																													
Frequency(Hz)	50																													
Type	11-4																													
Capacity(Kw)	0.2																													
Speed(r/min)	1380																													
Phase number	3																													
Voltage(V)	380																													
Current(A)	0.72																													
Frequency(Hz)	50																													
Number of switching(n/hr)	120																													
Classification grade	M3																													
H	~865																													
m	628																													
Basic dimension (mm)	925																													
	338																													
n	190																													
φ	14.5																													
E	~795																													

» Dimensions



» Size Specification

Lifting capacity(t)	8					10					12.5					16					20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Lifting height(m)	5, 0.5/5					7, 0.7/7					5, 0.5/5					3.5, 0.35/3.5					3.5, 0.35/3.5					3.5, 0.35/3.5					3.5, 0.35/3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Lifting speed(m/min)	20					20					20					20					20					20					20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Traversing speed (m/min)	13					14					16					18					18					18					18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Nominal diameter(mm)	6 x 37 + NF					6 x 37 + NF					6 x 37 + NF					6 x 37 + NF					6 x 37 + NF					6 x 37 + NF					6 x 37 + NF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Structure	1670					1770					1770					1870					1870					1870					1870																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Intension rate(Mpa)	28σ+63σ					28σ+63σ					28σ+63σ					28σ+63σ					28σ+63σ					28σ+63σ					28σ+63σ																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
(GB/T706) Rail-beam	2.5					3	4	4.5	7	8.5	2.5	3.5	4	6	7	5	9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Min.radius of ring rail(m)	41-4					51-6					51-6					51-6					51-6					51-6					51-6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Type	0.8/7.5					1.5/13					1.5/13					1.5/13					1.2/11					1.2/11					1.5/13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Capacity(Kw)	7.5, 0.8/7.5					13, 1.5/13					13, 1.5/13					13, 1.5/13					11, 1.2/11					13, 1.5/13					13, 1.5/13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Speed(r/min)	1380					930					930					930					930					930					930																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Phase number	3					3					3					3					3					3					3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Voltage(V)	380					380					380					380					380					380					380																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Current(A)	18, 2.4/18					33, 5.2/33					33, 5.2/33					28, 4.5/28					33, 5.2/33					33, 5.2/33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Frequency(Hz)	50					50					50					50					50					50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Type	12-4F1					12-4F1					12-4					21-4					21-4					21-4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Capacity(Kw)	0.5 x 2					0.5 x 2					0.8 x 2					0.8 x 2					0.8 x 2					0.8 x 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Speed(r/min)	1380					1380					1380					1380					1380					1380																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Phase number	3					3					3					3					3					3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Voltage(V)	380					380					380					380					380					380																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Current(A)	1.4 x 2					1.4 x 2					2.4 x 2					2.4 x 2					2.4 x 2					2.4 x 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Frequency(Hz)	50					50					50					50					50					50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Number of switching(n/hr)	120					120					120					120					120					120																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Classification grade	M3					M3					M3					M3					M3					M3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
h	~1350					~1450					~1590					~1900					~2000					~2000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
m	1342					1520					1700					2060					2468					2777					1513					1694					1875					2237					2394					2556					5585					1054					2040					2434					1814					1956					2357					2719					3081					1995					2357					2719					3081																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Basic dimension (mm)	1390					1517					1697					2057					2445					2774					1944					2085					2266					2638					2685					3347					2446					2441					2833					3205					2147					2328					2690					3053					3411					2147					2238					2648					3052					3411																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
n	748					595					1165					1465					1824					2483					967					1028					1239					1571					1938					2293					390					1189					1384					1776					2167					1148					1329					1691					2053					2453					1495					1529					1661					2053					2453																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
φ	320					320					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					376					3				