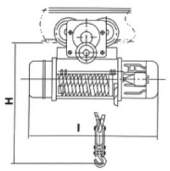
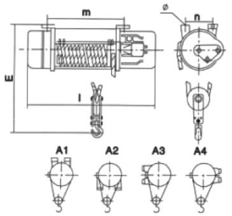
ELECTRIC WIRE ROPE HOIST





●Technical Parameters

Model					CD1 MD1																																		
Lifting capacity(t)	0.5ton				1ton						2ton						3ton						5ton						10ton						16ton				
lifting height(m)	6	9	12	18	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	6	9	12	18	24
Lifting speed(m/min)	8,0.8/8				8,0.8/8						8,0.8/8						8,0.8/8						8,0.8/8						7,0.7/7						3.5,0.35/3.5				
Running speed(m/min)	20				20						20						20						20						20						20				
Wire rope – Nominal diameter(mm)	5.1				7.4						11						13						14						15						18				
Wire rope – Structure	6×19+NF				6×37+NF						6×37+NF						6×37+NF						6×37+NF						6×37+NF						6×29+NF				
Wire rope – Intension rate(Mpa)	1770				1670						1670						1670						1770						1770						1870				
I Beam Track Type (GB/T706–1998)	16~28b				16–28b						20a~45b						20a~45b						28a~63b						28~63b						36a~63c				
Loop track minimum radius	1.5				1.5		2		3	4	2		2.5		3	4	2		2.5		3	4	2.5		3		4	5	2.5	3.5	4	6	4.5	9	3.5	4	6	7.5	9
Lifting motor – Model	ZD1 21–4				ZD1 22–4						ZD1 31–4						ZD1 32–4						ZD1 41–4						ZD1 51–4						ZD1 51–4				
Lifting motor – Model	ZDS1 0.2/0.8				ZDS1 0.2/1.5						ZDS1 0.4/3.0						ZDS1 0.5/4.5						ZDS1 0.8/7.5						ZDS1 1.5/13						ZDS1 1.5/13				
Lifting motor – Capacity(kw)	0.8				1.5						3						4.5						7.5						13						13				
Lifting motor – R.P.M	1380				1380						1380						1380						1440						1440						1440				
Lifting motor – Phase	3				3						3						3						3						3						3				
Lifting motor – Voltage(v)	380				380						380						380						380						380						380				
Lifting motor – Current(A)	2.4,0.72/2.4				4.3,0.72/4.3						7.6,1.25/7.6						11,1.4/11						18,2.4/18						30,4.3/30						30,4.3/30				
Lifting motor – Frequency(Hz)	50				50						50						50						50						50						50				
Running motor – Model	ZDY1 11–4				ZDY111–4						ZDY111–4						ZDY112–4						ZDY21–4						ZDY21–4						ZDY21–4				
Running motor – Capacity(kw)	0.2				0.2						0.4						0.4						0.8						0.8×2						0.8×2				
Running motor – Speed(r/min)	1380				1380						1380						1380						1380						1380						1380				
Running motor – Phase number	2				3						3						3						3						3						3				
Running motor – Voltage(v)	380				380						380						380						380						380						380				
Running motor – Current(A)	0.72				0.72						0.72						1.25						2.4						2.4×2						2.4×2				
Running motor – Frequmcy(Hz)	50				50						50						50						50						50						50				
Joint times	120				120						120						120						120						120						120				
Classification grade	M3				M3						M3						M3						M3						M3						M3				
Basic dimension ±2% (mm) – H	~560		~650		~685			~780			~850			~950			~954			~1057			~1212			~1272			~1320						~1900				
Basic dimension ±2% (mm) – L1	126				196						187						230						274						303						303				
Basic dimension ±2% (mm) – L2	228/225				269/266						279						341/343						380/377						429/820						429/820				
Basic dimension ±2% (mm) – L	628	714	772	916	772	867	965	1161	1357	1553	818	918	1018	1218	1418	1618	963	1066	1164	1375	1581	1787	1082	1209	1298	1489	1699	1909	1513	1694	1875	2237	2594	2956	1814	1995	2357	2719	3081
Basic dimension ±2% (mm) – L	925	711	769	913	769	864	962	1158	1354	1550							965	1068	1166	1377	1583	1798	1079	1206	1295	1486	1696	1906	1904	2085	2266	2628	2985	3347	2147	2328	2690	3052	3411
Basic dimension ±2% (mm) – M	318	390	462	601	404	499	597	793	989	1185	412	512	612	812	1012	1212	457	561	658	869	1075	1281	488	615	704	895	1105	1315	847	1028	1209	1571	1928	2290	1148	1329	1691	2053	2415
Basic dimension ±2% (mm) – N	190				196						240						240						320						376						376				
Basic dimension ±2% (mm) – H	120				124						155						155						203						243						243				
Basic dimension ±2% (mm) – ¢	14.5				19						23						23						31						38						38				
Basic dimension ±2% (mm) – E	490				584						749						749						1017						1614						1614				
Basic dimension ±2% (mm) – F	355/508				368/508						368/529						368/529						480/690						612						612				

ELECTRIC WIRE ROPE HOIST

ML series Electric Wire Rope Hoist is a newly developed electric hoist by our company on the basis of introducing advanced German manufacturing technology of electric wire rope hoist integrating the up to date standard of Hoist. It has rectangular shape with the electromotor, planetary reducer and electric in beeline collocation. Reducer is laid inside the hoisting drum, which can completely compare beauty with the same kind of products of foreign countries whether in the appearance or in the technique feature. Especially the modular design reveals the seamless connection with frequency inverter controlled automatic running of high or low speed diving or lifting.

●Hoist Selection Table

Capacity(kg)		1250	1600	2000	2500	3200	4000	5000	6300	8000	10000	12500	16000	20000	25000	32000	40000	50000	60000
Rope reeving 1/1 or 2/2	Type	ML320	ML320	ML320 ML500	ML500	ML500	ML1000	ML1000	ML1000 ML1600	ML1600	ML1600 ML2000	ML1200	ML2000						
Rope reeving 1/1 or 2/2	Woring Group	M5	M4 M3	M3 M5	M4	M3	M5	M4 M3	M3 M5	M4	M3 M5	M4	M3						
Rope reeving 1/1 or 2/2	Lifting Speed (m/min)	16,16/4	16,16/4 12.5,12.5/3	12.5,12.5/3 16,16/4	16,16/4	12.5,12.5/3	12.5,12.5/3	12.5,12.5/3 12.5	12.5 12.5,16,20	12.5,16,20	12.5,16 10,12.5,16	10,12.5,16	10,12.5,						
Rope reeving 1/1 or 2/2	Lifting Height 1/1 2/2	12–100 6~50	12–100 6~50	12–100 6~50	12–100 6~50	12–100 6~50	12–100 6~50	12–100 6~50	12–100 6~50	12–100 6~50	12–100 12–100 6~50	12–100 6~50	12–100 6~50						
Rope reeving 2/1 or 4/2	Type				ML320	ML320	ML320 ML500	ML500	ML500	ML1000	ML1000	ML1000 ML1600	ML1600	ML1600 ML2000	ML2000	ML2000			
Rope reeving 2/1 or 4/2	Woring Group				M5	M3	M3 M4	M4	M3	M5	M4	M3 M5	M4	M8	M4	M3			
Rope reeving 2/1 or 4/2	Lifting Speed (m/min)				8.0, 8.0/2.0	6.3, 6.3/1.6	6.3,6.3/1.6 8.0,8.0/2.0	8.0, 8.0/2.0	6.3,6.3/1.6	6.3, 6.3/1.6,8	6.3, 6.3/1.6,8	6.3 6.3,8,10	6.3,8,10	6.3,8 5,6.3,8	5,6.3,8	5,6.3			
Rope reeving 2/1 or 4/2	Lifting Height 2/1 4/2				6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24	6–50 6~24			
Rope reeving 2/1 or 6/2	Type						ML320	ML320	ML320 ML500	ML500	ML500	ML1000	ML1000	ML1000 ML1600	ML1600	ML2000	ML2000		
Rope reeving 2/1 or 6/2	Woring Group						M5	M4	M3 M5	M4	M3	M5	M4	M3 M5	M4	M5	M4		
Rope reeving 2/1 or 6/2	Lifting Speed (m/min)						5,5/1.3	5,5/1.3	4, 4.0/1.0 5,5/1.3	5,5/1.3	4, 4.0/1.0	4,5, 4/1.0	4,5, 4/1.0	4,5 4,5,6.3	4,5,6.3	3.2,4,5	3.2,4,5		
Rope reeving 2/1 or 6/2	Lifting Height						6~18	6~18	6~18	6~18	6~18	6~18	6~18	6~18	6~18	6~18	6~18		
Rope reeving 4/1	Type							ML320	ML320	ML320 ML500	ML500	ML500	ML1000	ML1000 ML1600	ML1000 ML1600	ML2000	ML2000		
Rope reeving 4/1	Woring Group							M5	M4	M3 M5	M4	M3	M5	M4 M4	M3 M4	M4	M3		
Rope reeving 4/1	Lifting Speed (m/min)							4, 4.0/1.0	4, 4.0/1.0	3.2,3.2/0.8 4,4/1.0	4, 4.0/1.0	3.2, 3.2/0.8	3.2, 3.2/0.8	3.2, 3.2/0.8 4,5	3.2,4 4,5	3.2,4	3.2,4		
Rope reeving 4/1	Lifting Height							6~24	6~24	6~24	6~24	6~24	46~24	46~24 6~24	6~24	6~24	6~24		
Rope reeving 8/2	Type									ML500	ML500	ML500	ML1000	ML1000	ML1000 ML1600	ML1600	ML1600 ML2000	ML2000	ML2000
Rope reeving 8/2	Woring Group									M5	M4	M3	M5	M4	M3 M5	M4	M3 M5	M5	M3
Rope reeving 8/2	Lifting Speed (m/min)									4,4/1.0	4, 4.0/1.0	3.2, 3.2/0.8	3.2, 3.2/0.8	3.2, 3.2/0.8	3.2,4 3.2,4,5	3.2,4,5	3.2,2,4 2.5,3.2,4	2.5, 3.2,2	2.5, 3.2,2
Rope reeving 8/2	Lifting Height									6~18	6~18	6~18	46~18	46~18	6~18	6~18	6~18	6~18	6~18