

## CD1/MD1 series wire rope hoists

### Technical Parameters

Model	CD1 MD1																																												
Lifting Capacity(t)	0.5tn				1tn				2tn				3tn				5tn				10tn				16tn																				
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																								
Wire Rope																																													
Nominal diameter(mm)	5.1				7.4				11				13				14				15				18																				
Structure	6X19+NF				6X37+NF				6X37+NF				6X37+NF				6X37+NF				6X37+NF				6X29+NF																				
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				2				2				2.5				3.5																				
Lifting motor																																													
Model	ZD121-4 ZDS10.2/0.8				ZD122-4 ZDS10.2/1.5				ZD131-4 ZDS10.4/3.0				ZD132-4 ZDS10.5/4.5				ZD141-4 ZDS10.8/7.5				ZD151-4 ZDS11.5/13				ZD151-4 ZDS11.5/13																				
Capacity(kw)	0.8				1.5				3				4.5				7.5				13				13																				
R.P.M	1380				1380				1380				1380				1440				1440				1440																				
Phase	3				3				3				3				3				3				3																				
Voltage(v)	380				380				380				380				380				380				380																				
Current(A)	2.4,72/2.4				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																				
Frequency(Hz)	50				50				50				50				50				50				50																				
Running Motor																																													
Model	ZDY111-4				ZDY111-4				ZDY111-4				ZDY112-4				ZDY21-4				ZDY21-4				ZDY21-4																				
Capacity(kw)	0.2				0.2				0.4				0.4				0.8				0.8X2				0.8X2																				
Speed(r/min)	1380				1380				1380				1380				1380				1380				1380																				
Phase	2				3				3				3				3				3				3																				
Voltage(v)	380				380				380				380				380				380				380																				
Current(A)	0.72				0.72				0.72				1.25				2.4				2.4X2				2.4X2																				
Frequency(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		-																		
L1	126				196				187				230				274				303				303																				
L2	228 / 225				269 / 266				279				314 / 343				380 / 377				429 / 820				429 / 820																				
L	628		714		772		916		772		867		965		1161		1357		1553		6		9		12		18		6		9		12		18		6		9		12		18		
	925		711		769		913		69		129		1218		6		9		12		18		6		9		12		18		6		9		12		18		6		9		12		18
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						
N	190				196				240				240				320				376				376																				
H	120				124				155				155				203				243				243																				
Ø	14.5				19				23				23				31				38				38																				
E	490				584				749				749				1017				1614				1614																				
F	355/508				368/205				368/529				368/529				480/690				312				312																				