

Purpose:

To provide dimension and specification information for hook mount, single and dual speed ER model electric chain hoist.

Single Speed Imperial Specifications:

Cap. (Tons)	Product Code	Standard Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Weight for Additional One Foot of Lift (lbs)
					Output (Hp)	Rated Current (amps)				
						@208 - 230V	@460V			
1/8	(N)ER001H	10	7.2	57	0.75	4.2	2.1	5.0 x 1	68	0.37
1/4	(N)ER003S			39	0.75	4.2	2.1	5.0 x 1	68	0.37
1/4	(N)ER003H			60	1.2	5.7	2.9	6.3 x 1	84	0.57
1/2	(N)ER005L			15	0.75	4.2	2.1	6.3 x 1	70	0.57
1/2	(N)ER005S			30	1.2	5.7	2.9	6.3 x 1	84	0.57
1	(N)ER010L			16	1.2	5.7	2.9	8.0 x 1	90	0.93
1	NER010M			24	1.9	7.3	3.7	8.0 x 1	110	0.93
1	(N)ER010S			29	2.4	10.5	5.3	8.0 x 1	134	0.93
1 1/2	(N)ER015S			20	2.4	10.5	5.3	10.0 x 1	152	1.5
2	(N)ER020L			14	2.4	10.5	5.3	10.0 x 1	154	1.5
2	NER020M			24	3.8	14.9	7.5	10.0 x 1	181	1.5
2	(N)ER020S			28	4.7	18.3	9.2	10.0 x 1	240	1.5
2 1/2	(N)ER025S			23	4.7	18.3	9.2	11.2 x 1	247	1.9
3	NER030C			12	3.8	14.9	7.5	10.0 x 2	216	3.1
3	(N)ER030L	16	4.7	18.3	9.2	12.5 x 1	256	2.3		
3	(N)ER030S	22	6.2	25.1	12.6	12.5 x 1	269	2.3		
5	(N)ER050L	12	4.7	18.3	9.2	11.2 x 2	306	4.0		

Single Speed Metric Specifications:

Cap. (Tons)	Product Code	Standard Lift (m)	Push Button Cord L (m)	Lifting Speed (m/min)	Lifting Motor 3 Phase 60 Hz			Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (kg)	Weight for Additional One Meter of Lift (kg)
					Output (kW)	Rated Current (amps)				
						@208 - 230V	@460V			
1/8	(N)ER001H	3.0	2.2	17.0	0.56	4.2	2.1	5.0 x 1	31	0.55
1/4	(N)ER003S			11.6	0.56	4.2	2.1	5.0 x 1	31	0.55
1/4	(N)ER003H			17.9	0.9	5.7	2.9	6.3 x 1	38	0.85
1/2	(N)ER005L			4.4	0.56	4.2	2.1	6.3 x 1	32	0.85
1/2	(N)ER005S			9.1	0.9	5.7	2.9	6.3 x 1	38	0.85
1	(N)ER010L			4.7	0.9	5.7	2.9	8.0 x 1	41	1.38
1	NER010M			7.3	1.4	7.3	3.7	8.0 x 1	50	1.38
1	(N)ER010S			8.8	1.8	10.5	5.3	8.0 x 1	61	1.38
1 1/2	(N)ER015S			6.1	1.8	10.5	5.3	10.0 x 1	69	2.3
2	(N)ER020L			4.3	1.8	10.5	5.3	10.0 x 1	70	2.3
2	NER020M			7.2	2.8	14.9	7.5	10.0 x 1	82	2.3
2	(N)ER020S			8.5	3.5	18.3	9.2	10.0 x 1	109	2.3
2 1/2	(N)ER025S			6.9	3.5	18.3	9.2	11.2 x 1	112	2.9
3	NER030C			3.6	2.8	14.9	7.5	10.0 x 2	98	4.6
3	(N)ER030L	4.9	3.5	18.3	9.2	12.5 x 1	116	3.4		
3	(N)ER030S	6.7	4.6	25.1	12.6	12.5 x 1	122	3.4		
5	(N)ER050L	3.5	3.5	18.3	9.2	11.2 x 2	139	5.9		

Single Speed Imperial Dimensions:

Cap. (Tons)	Product Code	Headroom C (in)	a (in)	b (in)	d (in)	e (in)	g (in)	h (in)	i (in)
1/8	(N)ER001H	13.8	21.1	13.0	10.4	10.7	0.9	4.0	3.9
1/4	(N)ER003S	13.8	21.1	13.0	10.4	10.7	0.9	4.0	3.9
1/4	(N)ER003H	14.6	21.9	13.8	10.8	11.1	0.9	4.7	4.1
1/2	(N)ER005L	14.0	21.1	13.0	10.4	10.7	0.9	4.0	3.9
1/2	(N)ER005S	14.6	21.9	13.8	10.8	11.1	0.9	4.7	4.1
1	(N)ER010L	16.1	21.9	13.8	10.8	11.1	1.2	4.7	4.1
1	NER010M	16.1	23.2	13.8	10.6	12.6	1.2	4.7	4.1
1	(N)ER010S	17.3	25.6	16.5	12.6	13.0	1.2	6.1	5.2
1 1/2	(N)ER015S	19.9	25.6	16.5	12.6	13.0	1.3	6.1	5.2
2	(N)ER020L	22.0	25.6	16.5	12.6	13.0	1.5	6.1	5.2
2	NER020M	22.0	26.9	16.5	12.4	14.4	1.5	6.1	5.2
2	(N)ER020S	24.0	30.9	18.9	15.5	15.5	1.5	7.2	6.5
2 1/2	(N)ER025S	24.6	30.9	18.9	15.5	15.5	1.6	7.2	6.5
3	NER030C	29.5	26.9	16.5	12.4	14.4	1.7	8.2	3.0
3	(N)ER030L	26.0	30.9	18.9	15.5	15.5	1.7	7.2	6.5
3	(N)ER030S	26.0	30.9	18.9	15.5	15.5	1.7	7.2	6.5
5	(N)ER050L	32.9	30.9	18.9	15.5	15.5	1.8	9.6	4.0

Single Speed Metric Dimensions:

Cap. (Tons)	Product Code	Headroom C (mm)	a (mm)	b (mm)	d (mm)	e (mm)	g (mm)	h (mm)	i (mm)
1/8	(N)ER001H	350	535	330	264	271	24	102	98
1/4	(N)ER003S	350	535	330	264	271	24	102	98
1/4	(N)ER003H	370	557	350	274	283	24	120	103
1/2	(N)ER005L	355	535	330	264	271	24	102	98
1/2	(N)ER005S	370	557	350	274	283	24	120	103
1	(N)ER010L	410	557	350	274	283	31	120	103
1	NER010M	410	590	350	270	320	31	120	103
1	(N)ER010S	440	649	420	320	329	31	154	131
1 1/2	(N)ER015S	505	649	420	320	329	34	154	131
2	(N)ER020L	560	649	420	320	329	37	154	131
2	NER020M	560	683	420	316	367	37	154	131
2	(N)ER020S	610	786	480	393	393	37	182	164
2 1/2	(N)ER025S	625	786	480	393	393	40	182	164
3	NER030C	750	683	420	316	367	44	209	76
3	(N)ER030L	660	786	480	393	393	44	182	164
3	(N)ER030S	660	786	480	393	393	44	182	164
5	(N)ER050L	835	786	480	393	393	46	244	102

Dual Speed Imperial Specifications:

Cap. (Tons)	Product Code	Standard Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Load Chain Diameter (mm) X Chain Fall Lines	Net Weight (lbs)	Weight for Additional One Foot of Lift (lbs)
					Output (Hp)	Rated Current (amps)				
						@208V - 230V	@460V			
1/8	(N)ER001HD	10	7.2	58/19	0.6/0.2	2.9/2.4	1.5/1.2	5.0 X 1	79	0.37
1/4	(N)ER003SD			29/10	0.6/0.2	2.9/2.4	1.5/1.2	5.0 X 1	79	0.37
1/4	(N)ER003HD			60/20	1.2/0.4	5.7/5.1	2.9/2.6	6.3 X 1	101	0.57
1/2	(N)ER005LD			14/5	0.6/0.2	2.9/2.4	1.5/1.2	6.3 X 1	84	0.57
1/2	(N)ER005SD			30/10	1.2/0.4	5.7/5.1	2.9/2.6	6.3 X 1	101	0.57
1	(N)ER010LD			14/5	1.2/0.4	5.7/5.1	2.9/2.6	8.0 X 1	108	0.93
1	(N)ER010SD			29/10	2.4/0.8	9.1/5.7	4.6/2.9	8.0 X 1	152	0.93
1 1/2	(N)ER015SD			20/7	2.4/0.8	9.1/5.7	4.6/2.9	10.0 X 1	168	1.5
2	(N)ER020LD			15/5	2.4/0.8	9.1/5.7	4.6/2.9	10.0 X 1	170	1.5
2	(N)ER020SD			29/10	4.7/1.6	19.6/9.4	9.8/4.7	10.0 X 1	287	1.5
2 1/2	(N)ER025SD			23/8	4.7/1.6	19.6/9.4	9.8/4.7	11.2 X 1	293	1.9
3	(N)ER030LD			17/6	4.7/1.6	19.6/9.4	9.8/4.7	12.5 X 1	300	2.3
3	(N)ER030SD			23/8	6.2/2.0	24.1/10.6	12.1/5.3	12.5 X 1	320	2.3
5	(N)ER050LD			12/4	4.7/1.6	19.6/9.4	9.8/4.7	11.2 X 2	353	4.0

Dual Speed Metric Specifications:

Cap. (Tons)	Product Code	Standard Lift (m)	Push Button Cord L (m)	Lifting Speed (m/min)	Lifting Motor 3 Phase 60 Hz			Load Chain Diameter (mm) X Chain Fall Lines	Net Weight (kg)	Weight for Additional One Meter of Lift (kg)
					Output (kW)	Rated Current (amps)				
						@208V - 230V	@460V			
1/8	(N)ER001HD	3.0	2.2	17.4/5.8	0.45/0.15	2.9/2.4	1.5/1.2	5.0 X 1	36	.55
1/4	(N)ER003SD			8.6/2.9	0.45/0.15	2.9/2.4	1.5/1.2	5.0 X 1	36	.55
1/4	(N)ER003HD			18.1/6.0	0.9/0.3	5.7/5.1	2.9/2.6	6.3 X 1	46	.85
1/2	(N)ER005LD			4.3/1.4	0.45/0.15	2.9/2.4	1.5/1.2	6.3 X 1	38	.85
1/2	(N)ER005SD			9.1/3.0	0.9/0.3	5.7/5.1	2.9/2.6	6.3 X 1	46	.85
1	(N)ER010LD			4.3/1.4	0.9/0.3	5.7/5.1	2.9/2.6	8.0 X 1	49	1.38
1	(N)ER010SD			8.8/2.9	1.8/0.6	9.1/5.7	4.6/2.9	8.0 X 1	69	1.38
1 1/2	(N)ER015SD			6.1/2.0	1.8/0.6	9.1/5.7	4.6/2.9	10.0 X 1	76	2.3
2	(N)ER020LD			4.4/1.5	1.8/0.6	9.1/5.7	4.6/2.9	10.0 X 1	77	2.3
2	(N)ER020SD			8.6/2.9	3.5/1.2	19.6/9.4	9.8/4.7	10.0 X 1	130	2.3
2 1/2	(N)ER025SD			6.9/2.3	3.5/1.2	19.6/9.4	9.8/4.7	11.2 X 1	133	2.9
3	(N)ER030LD			5.0/1.7	3.5/1.2	19.6/9.4	9.8/4.7	12.5 X 1	136	3.4
3	(N)ER030SD			7.0/2.3	4.6/1.5	24.1/10.6	12.1/5.3	12.5 X 1	145	3.4
5	(N)ER050LD			3.5/1.2	3.5/1.2	19.6/9.4	9.8/4.7	11.2 X 2	160	5.9

Dual Speed Imperial Dimensions:

Cap. (Tons)	Product Code	Headroom C	a (in)	b (in)	d (in)	e (in)	g (in)	h (in)	i (in)
1/8	(N)ER001HD	13.8	22.2	13.0	10.4	11.9	0.9	4.0	3.9
1/4	(N)ER003SD	13.8	22.2	13.0	10.4	11.9	0.9	4.0	3.9
1/4	(N)ER003HD	14.6	23.2	13.8	10.6	12.6	0.9	4.7	4.1
1/2	(N)ER005LD	14.0	22.2	13.0	10.4	11.9	0.9	4.0	3.9
1/2	(N)ER005SD	14.6	23.2	13.8	10.6	12.6	0.9	4.7	4.1
1	(N)ER010LD	16.1	23.2	13.8	10.6	12.6	1.2	4.7	4.1
1	(N)ER010SD	17.3	26.9	16.5	12.4	14.4	1.2	6.1	5.2
1 1/2	(N)ER015SD	19.9	26.9	16.5	12.4	14.4	1.3	6.1	5.2
2	(N)ER020LD	22.6	26.9	16.5	12.4	14.4	1.5	6.1	5.2
2	(N)ER020SD	27.0	32.2	18.9	15.5	16.8	1.5	7.2	6.5
2 1/2	(N)ER025SD	27.0	32.2	18.9	15.5	16.8	1.6	7.2	6.5
3	(N)ER030LD	28.5	32.2	18.9	15.5	16.8	1.7	7.2	6.5
3	(N)ER030SD	28.5	32.2	18.9	15.5	16.8	1.7	7.2	6.5
5	(N)ER050LD	35.2	32.2	18.9	15.5	16.8	1.8	9.6	4.0

Dual Speed Metric Dimensions:

Cap. (Tons)	Product Code	Headroom C	a (mm)	b (mm)	d (mm)	e (mm)	g (mm)	h (mm)	i (mm)
1/8	(N)ER001HD	350	565	330	264	301	24	102	98
1/4	(N)ER003SD	350	565	330	264	301	24	102	98
1/4	(N)ER003HD	370	590	350	270	320	24	120	103
1/2	(N)ER005LD	355	565	330	264	301	24	102	98
1/2	(N)ER005SD	370	590	350	270	320	24	120	103
1	(N)ER010LD	410	590	350	270	320	31	120	103
1	(N)ER010SD	440	683	420	316	367	31	154	131
1 1/2	(N)ER015SD	505	683	420	316	367	34	154	131
2	(N)ER020LD	575	683	420	316	367	37	154	131
2	(N)ER020SD	685	819	480	393	426	37	182	164
2 1/2	(N)ER025SD	685	819	480	393	426	40	182	164
3	(N)ER030LD	725	819	480	393	426	44	182	164
3	(N)ER030SD	725	819	480	393	426	44	182	164
5	(N)ER050LD	895	819	480	393	426	46	244	102

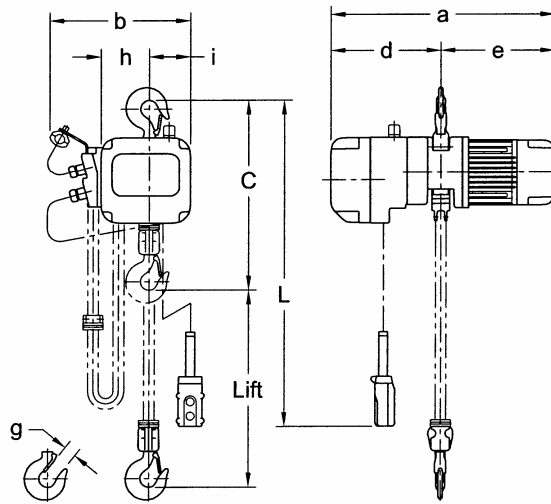


Figure 1 – ER Hook Mount, Single and Dual Speed (ER010L)