



ERG & ERP Electric Chain Hoist with Manual Trolley
Models ER1A and TS2
Specifications and Dimensions

Purpose:

To provide dimension and specification information for single and dual speed ER model electric chain hoist equipped with manual push and geared trolleys.

Imperial Specifications – Single Speed Hoist with Geared or Push Trolley:

Cap. (Tons)	Product Code	Standard Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Flange Width Adjustability B (in)		Minimum* Allow. Radius for curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Weight for Additional One Foot of Lift (lbs)
					Output (Hp)	Rated Current (amps)		Standard	Optional				
						@208 - 230V	@460V						
1/8	(N)ERP(ERG)001H	10	7.5	57	0.75	4.2	2.1	2.28 to 4.00 (2.28 to 5.00)	4.01 to 8.00 (5.01 to 8.00) OR 8.01 to 12.00	43.3 (51.2)	5.0 x 1	79 (97)	0.37 (1.0)
1/4	(N)ERP(ERG)003S			39	0.75	4.2	2.1				5.0 x 1	79 (97)	0.37 (1.0)
1/4	(N)ERP(ERG)003H			60	1.2	5.7	2.9				6.3 x 1	95 (115)	0.57 (1.2)
1/2	(N)ERP(ERG)005L			15	0.75	4.2	2.1				6.3 x 1	82 (99)	0.57 (1.2)
1/2	(N)ERP(ERG)005S			30	1.2	5.7	2.9				6.3 x 1	95 (115)	0.57 (1.2)
1	(N)ERP(ERG)010L			16	1.2	5.7	2.9				2.28 to 5.00	5.01 to 8.00 OR 8.01 to 12.00	51.2
1	NERP(NERG)010M			24	1.9	7.3	3.7	8.0 x 1	131 (141)	0.93 (1.5)			
1	(N)ERP(ERG)010S			29	2.4	10.5	5.3	8.0 x 1	154 (165)	0.93 (1.5)			
1 1/2	(N)ERP(ERG)015S			20	2.4	10.5	5.3	3.23 to 6.02	6.03 to 12.00	59.1	10.0 x 1	187 (198)	1.5 (2.2)
2	(N)ERP(ERG)020L			14	2.4	10.5	5.3				10.0 x 1	190 (201)	1.5 (2.2)
2	NERP(NERG)020M			24	3.8	14.9	7.5				10.0 x 1	216 (227)	1.5 (2.2)
2	(N)ERP(ERG)020S			28	4.7	18.3	9.2				10.0 x 1	276 (287)	1.5 (2.2)
2 1/2	(N)ERP(ERG)025S			23	4.7	18.3	9.2			66.9	11.2 x 1	300 (311)	1.9 (2.6)
3	NERP(NERG)030C			12	3.8	14.9	7.5				10.0 x 2	260 (282)	3.1 (3.7)
3	(N)ERP(ERG)030L			16	4.7	18.3	9.2				12.5 x 1	311 (322)	2.3 (2.9)
3	(N)ERP(ERG)030S			22	6.2	25.1	12.6				12.5 x 1	324 (335)	2.3 (2.9)
5	(N)ERP(ERG)050L	12	4.7	18.3	9.2	3.94 to 7.02	7.03 to 12.00	90.6	11.2 x 2	417 (432)	4.0 (4.6)		

Figures in parentheses are data for geared trolley.

*Minimum Flange Width for curved beam: 1 Ton Push and 1/8 to 1 Ton Geared = 2.87 in.

3 Ton Push or Geared = 3.50 in.

Imperial Dimensions – Single Speed Hoist with Geared Trolley:

Cap. (Tons)	Product Code	Headroom C (in)	E (ft)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	k' (in)	m (in)	n (in)	r (in)	t (in)	u (in)
1/8	(N)ERG001H	16.1	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/4	(N)ERG003S	16.1	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/4	(N)ERG003H	16.9	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/2	(N)ERG005L	16.1	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/2	(N)ERG005S	16.9	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1	(N)ERG010L	18.1	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1	NERG010M	18.1	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1	(N)ERG010S	19.5	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1 1/2	(N)ERG015S	21.9	10.5	15.2	11.0	6.1	1.3	5.0	3.35	1.3	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020L	24.0	10.5	15.2	11.0	6.1	1.5	5.0	3.35	1.3	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	NERG020M	24.0	10.5	15.2	11.0	6.1	1.5	5.0	3.35	1.3	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020S	26.0	10.5	15.2	11.0	6.1	1.5	5.0	3.35	1.3	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2 1/2	(N)ERG025S	26.6	11.0	15.7	12.8	6.2	1.6	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	NERG030C	29.3	11.0	15.7	12.8	6.2	1.7	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030L	27.8	11.0	15.7	12.8	6.2	1.7	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030S	27.8	11.0	15.7	12.8	6.2	1.7	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
5	(N)ERG050L	32.5	11.4	15.8	15.7	6.1	1.8	6.7	4.65	1.8	5.7	5.2	3.2	7.0	3.5	2.13	7.2

Imperial Dimensions – Single Speed Hoist with Push Trolley:

Cap. (Tons)	Product Code	Headroom C (in)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)
1/8	(N)ERP001H	15.4	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003S	15.4	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003H	16.1	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005L	15.4	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005S	16.1	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1	(N)ERP010L	18.1	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1	NERP010M	18.1	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1	(N)ERP010S	19.5	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1 1/2	(N)ERP015S	21.9	11.8	11.0	2.7	1.3	5.0	3.35	1.3	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020L	24.0	11.8	11.0	2.7	1.5	5.0	3.35	1.3	4.4	2.8	5.2	2.4	1.26
2	NERP020M	24.0	11.8	11.0	2.7	1.5	5.0	3.35	1.3	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020S	26.0	11.8	11.0	2.7	1.5	5.0	3.35	1.3	4.4	2.8	5.2	2.4	1.26
2 1/2	(N)ERP025S	26.6	12.6	12.8	3.1	1.6	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	NERP030C	29.3	12.6	12.8	3.1	1.7	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030L	27.8	12.6	12.8	3.1	1.7	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030S	27.8	12.6	12.8	3.1	1.7	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
5	(N)ERP050L	32.5	11.7	15.7	2.1	1.8	6.7	4.65	1.8	5.7	3.2	7.0	3.5	2.13

Metric Specifications – Single Speed Hoist with Geared or Push Trolley:

Cap. (Tons)	Product Code	Standard Lift (m)	Push Button Cord L (m)	Lifting Speed (m/min)	Lifting Motor 3 Phase 60 Hz			Flange Width Adjustability B (mm)		Minimum* Allow. Radius for curve (mm)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (kg)	Weight for Additional One Meter of Lift (kg)
					Output (kW)	Rated Current (amps)		Standard	Optional				
						@208 - 230V	@460V						
1/8	(N)ERP(ERG)001H	3.0	2.3	17.0	0.56	4.2	2.1	58 to 102 (58 to 127)	103 to 203 (128 to 203) OR 204 to 305	1100 (1300)	5.0 x 1	36 (44)	0.55 (1.5)
1/4	(N)ERP(ERG)003S			11.6	0.56	4.2	2.1				5.0 x 1	36 (44)	0.55 (1.5)
1/4	(N)ERP(ERG)003H			17.9	0.9	5.7	2.9				6.3 x 1	43 (52)	0.85 (1.8)
1/2	(N)ERP(ERG)005L			4.4	0.56	4.2	2.1				6.3 x 1	37 (45)	0.85 (1.8)
1/2	(N)ERP(ERG)005S			9.1	0.9	5.7	2.9				6.3 x 1	43 (52)	0.85 (1.8)
1	(N)ERP(ERG)010L			4.7	0.9	5.7	2.9	58 to 127	128 to 203 OR 204 to 305	1300	8.0 x 1	50 (55)	1.38 (2.3)
1	NERP(NERG)010M			7.3	1.4	7.3	3.7				8.0 x 1	59 (64)	1.38 (2.3)
1	(N)ERP(ERG)010S			8.8	1.8	10.5	5.3				8.0 x 1	70 (75)	1.38 (2.3)
1 1/2	(N)ERP(ERG)015S			6.1	1.8	10.5	5.3	82 to 153	154 to 305	1500	10.0 x 1	85 (90)	2.3 (3.2)
2	(N)ERP(ERG)020L			4.3	1.8	10.5	5.3				10.0 x 1	86 (91)	2.3 (3.2)
2	NERP(NERG)020M			7.2	2.8	14.9	7.5				10.0 x 1	98 (103)	2.3 (3.2)
2	(N)ERP(ERG)020S			8.5	3.5	18.3	9.2			10.0 x 1	125 (130)	2.3 (3.2)	
2 1/2	(N)ERP(ERG)025S			6.9	3.5	18.3	9.2			1700	11.2 x 1	136 (141)	2.9 (3.9)
3	NERP(NERG)030C			3.6	2.8	14.9	7.5				10.0 x 2	118 (128)	4.6 (5.5)
3	(N)ERP(ERG)030L			4.9	3.5	18.3	9.2				12.5 x 1	141 (146)	3.4 (4.3)
3	(N)ERP(ERG)030S	6.7	4.6	25.1	12.6	12.5 x 1	147 (152)	3.4 (4.3)					
5	(N)ERP(ERG)050L	3.5	3.5	18.3	9.2	100 to 178	179 to 305	2300	11.2 x 2	189 (196)	5.9 (6.8)		

Figures in parentheses are data for geared trolley.

*Minimum Flange Width for curved beam: 1 Ton Push and 1/8 to 1 Ton Geared = 73 mm
3 Ton Push or Geared = 89 mm

Metric Dimensions – Single Speed Hoist with Geared Trolley:

Cap. (Tons)	Product Code	Headroom C (mm)	E (m)	a (mm)	b (mm)	e (mm)	g (mm)	h (mm)	i (mm)	j (mm)	k (mm)	k' (mm)	m (mm)	n (mm)	r (mm)	t (mm)	u (mm)
1/8	(N)ERG001H	410	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/4	(N)ERG003S	410	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/4	(N)ERG003H	430	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/2	(N)ERG005L	410	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/2	(N)ERG005S	430	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1	(N)ERG010L	460	3.2	345	236	152	31	106	71	28	95	106	56	112	50	25	183
1	NERG010M	460	3.2	345	236	152	31	106	71	28	95	106	56	112	50	25	183
1	(N)ERG010S	495	3.2	345	236	152	31	106	71	28	95	106	56	112	50	25	183
1 1/2	(N)ERG015S	555	3.2	385	280	154	34	127	85	34	112	109	71	131	62	32	183
2	(N)ERG020L	610	3.2	385	280	154	37	127	85	34	112	109	71	131	62	32	183
2	NERG020M	610	3.2	385	280	154	37	127	85	34	112	109	71	131	62	32	183
2	(N)ERG020S	660	3.2	385	280	154	37	127	85	34	112	109	71	131	62	32	183
2 1/2	(N)ERG025S	675	3.4	398	324	157	40	148	100	36	134	114	80	152	68	36	183
3	NERG030C	745	3.4	398	324	157	44	148	100	36	134	114	80	152	68	36	183
3	(N)ERG030L	705	3.4	398	324	157	44	148	100	36	134	114	80	152	68	36	183
3	(N)ERG030S	705	3.4	398	324	157	44	148	100	36	134	114	80	152	68	36	183
5	(N)ERG050L	825	3.5	401	400	156	46	169	118	47	144	131	81	178	88	54	183

Metric Dimensions – Single Speed Hoist with Push Trolley:

Cap. (Tons)	Product Code	Headroom C (mm)	a (mm)	b (mm)	e (mm)	g (mm)	h (mm)	i (mm)	j (mm)	k (mm)	m (mm)	n (mm)	r (mm)	t (mm)
1/8	(N)ERP001H	390	204	182	46	24	82	60	19	76	48	84	38	22
1/4	(N)ERP003S	390	204	182	46	24	82	60	19	76	48	84	38	22
1/4	(N)ERP003H	410	204	182	46	24	82	60	19	76	48	84	38	22
1/2	(N)ERP005L	390	204	182	46	24	82	60	19	76	48	84	38	22
1/2	(N)ERP005S	410	204	182	46	24	82	60	19	76	48	84	38	22
1	(N)ERP010L	460	249	236	56	31	106	71	28	95	56	112	50	25
1	NERP010M	460	249	236	56	31	106	71	28	95	56	112	50	25
1	(N)ERP010S	495	249	236	56	31	106	71	28	95	56	112	50	25
1 1/2	(N)ERP015S	555	300	280	69	34	127	85	34	112	71	131	62	32
2	(N)ERP020L	610	300	280	69	37	127	85	34	112	71	131	62	32
2	NERP020M	610	300	280	69	37	127	85	34	112	71	131	62	32
2	(N)ERP020S	660	300	280	69	37	127	85	34	112	71	131	62	32
2 1/2	(N)ERP025S	675	320	324	79	40	148	100	36	134	80	152	68	36
3	NERP030C	745	320	324	79	44	148	100	36	134	80	152	68	36
3	(N)ERP030L	705	320	324	79	44	148	100	36	134	80	152	68	36
3	(N)ERP030S	705	320	324	79	44	148	100	36	134	80	152	68	36
5	(N)ERP050L	825	297	400	53	46	169	118	47	144	81	178	88	54

Imperial Specifications – Dual Speed Hoist with Geared or Push Trolley:

Cap. (Tons)	Product Code	Standard Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz		Flange Width Adjustability B (in)		Minimum Allow. Radius for curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Weight for Additional One Foot of Lift (lbs)	
					Output (Hp)	Rated Current (amps)		Standard					Optional
						@208 - 230V	@460V						
1/8	(N)ERP(ERG)001HD	10	7.5	58/19	0.6/0.2	2.9/2.4	1.5/1.2	2.28 to 4.00 (2.28 to 5.00)	4.01 to 8.00 (5.01 to 8.00) OR 8.01 to 12.00	43.3 (51.2)	5.0 x 1	90 (108)	0.37 (1.0)
1/4	(N)ERP(ERG)003SD			29/10	0.6/0.2	2.9/2.4	1.5/1.2				5.0 x 1	90 (108)	0.37 (1.0)
1/4	(N)ERP(ERG)003HD			60/20	1.2/0.4	5.7/5.1	2.9/2.6				6.3 x 1	112 (132)	0.57 (1.2)
1/2	(N)ERP(ERG)005LD			14/5	0.6/0.2	2.9/2.4	1.5/1.2				6.3 x 1	95 (112)	0.57 (1.2)
1/2	(N)ERP(ERG)005SD			30/10	1.2/0.4	5.7/5.1	2.9/2.6				6.3 x 1	112 (132)	0.57 (1.2)
1	(N)ERP(ERG)010LD			14/5	1.2/0.4	5.7/5.1	2.9/2.6				2.28 to 5.00	5.01 to 8.00 OR 8.01 to 12.00	51.2
1	(N)ERP(ERG)010SD			29/10	2.4/0.8	9.1/5.7	4.6/2.9	8.0 x 1	172 (183)	0.93 (1.5)			
1 1/2	(N)ERP(ERG)015SD			20/7	2.4/0.8	9.1/5.7	4.6/2.9	3.23 to 6.02	6.03 to 12.00	59.1	10.0 x 1	203 (214)	1.5 (2.2)
2	(N)ERP(ERG)020LD			15/5	2.4/0.8	9.1/5.7	4.6/2.9				10.0 x 1	205 (216)	1.5 (2.2)
2	(N)ERP(ERG)020SD			29/10	4.7/1.6	19.6/9.4	9.8/4.7				10.0 x 1	322 (333)	1.5 (2.2)
2 1/2	(N)ERP(ERG)025SD			23/8	4.7/1.6	19.6/9.4	9.8/4.7			66.9	11.2 x 1	346 (357)	1.9 (2.6)
3	(N)ERP(ERG)030LD			17/6	4.7/1.6	19.6/9.4	9.8/4.7				12.5 x 1	355 (366)	2.3 (2.9)
3	(N)ERP(ERG)030SD			23/8	6.2/2.0	24.1/10.6	12.1/5.3				12.5 x 1	375 (386)	2.3 (2.9)
5	(N)ERP(ERG)050LD			12/4	4.7/1.6	19.6/9.4	9.8/4.7	3.94 to 7.02	7.03 to 12.00	90.6	11.2 x 2	463 (478)	4.0 (4.6)

Figures in parentheses are data for geared trolley.

*Minimum Flange Width for curved beam: 1 Ton Push and 1/8 to 1 Ton Geared = 2.87 in.
3 Ton Push or Geared = 3.50 in.

Imperial Dimensions – Dual Speed Hoist with Geared Trolley:

Cap. (Tons)	Product Code	Headroom C (in)	E (ft)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	k' (in)	m (in)	n (in)	r (in)	t (in)	u (in)
1/8	(N)ERG001HD	16.1	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/4	(N)ERG003SD	16.1	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/4	(N)ERG003HD	16.9	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/2	(N)ERG005LD	16.1	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1/2	(N)ERG005SD	16.9	10.5	13.6	9.3	6.0	0.9	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1	(N)ERG010LD	18.1	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1	(N)ERG010SD	19.5	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	2.0	0.98	7.2
1 1/2	(N)ERG015SD	21.9	10.5	15.2	11.0	6.1	1.3	5.0	3.35	1.3	4.4	4.3	2.7	5.2	2.4	1.26	7.2
2	(N)ERG020LD	24.6	10.5	15.2	11.0	6.1	1.5	5.0	3.35	1.3	4.4	4.3	2.7	5.2	2.4	1.26	7.2
2	(N)ERG020SD	28.9	10.5	15.2	11.0	6.1	1.5	5.0	3.35	1.3	4.4	4.3	2.7	5.2	2.4	1.26	7.2
2 1/2	(N)ERG025SD	28.9	11.0	15.7	12.8	6.2	1.6	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030LD	30.3	11.0	15.7	12.8	6.2	1.7	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030SD	30.3	11.0	15.7	12.8	6.2	1.7	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
5	(N)ERG050LD	34.8	11.4	15.8	15.7	6.1	1.8	6.7	4.65	1.8	5.7	5.2	3.2	7.0	3.5	2.13	7.2

Imperial Dimensions – Dual Speed Hoist with Push Trolley:

Cap. (Tons)	Product Code	Headroom C (in)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)
1/8	(N)ERP001HD	15.4	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003SD	15.4	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003HD	16.1	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005LD	15.4	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005SD	16.1	8.0	7.2	1.8	0.9	3.2	2.36	0.7	3.0	1.9	3.3	1.5	0.87
1	(N)ERP010LD	18.1	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1	(N)ERP010SD	19.5	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1 1/2	(N)ERP015SD	21.9	11.8	11.0	2.7	1.3	5.0	3.35	1.3	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020LD	24.6	11.8	11.0	2.7	1.5	5.0	3.35	1.3	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020SD	28.9	11.8	11.0	2.7	1.5	5.0	3.35	1.3	4.4	2.8	5.2	2.4	1.26
2 1/2	(N)ERP025SD	28.9	12.6	12.8	3.1	1.6	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030LD	30.3	12.6	12.8	3.1	1.7	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030SD	30.3	12.6	12.8	3.1	1.7	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
5	(N)ERP050LD	34.8	11.7	15.7	2.1	1.8	6.7	4.65	1.8	5.7	3.2	7.0	3.5	2.13

Metric Specifications – Dual Speed Hoist with Geared or Push Trolley:

Cap. (Tons)	Product Code	Standard Lift (m)	Push Button Cord L (m)	Lifting Speed (m/min)	Lifting Motor 3 Phase 60 Hz			Flange Width Adjustability B (mm)		Minimum Allow. Radius for curve (mm)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (kg)	Weight for Additional One Meter of Lift (kg)
					Output (kW)	Rated Current (amps)		Standard	Optional				
						@208 - 230V	@460V						
1/8	(N)ERP(ERG)001HD	3.0	2.3	17.4/5.8	0.45/0.15	2.9/2.4	1.5/1.2	58 to 102 (58 to 127)	103 to 203 (128 to 203) OR 204 to 305	1100 (1300)	5.0 x 1	41 (49)	0.55 (1.5)
1/4	(N)ERP(ERG)003SD			8.6/2.9	0.45/0.15	2.9/2.4	1.5/1.2				5.0 x 1	41 (49)	0.55 (1.5)
1/4	(N)ERP(ERG)003HD			18.1/6.0	0.9/0.3	5.7/5.1	2.9/2.6				6.3 x 1	51 (60)	0.85 (1.8)
1/2	(N)ERP(ERG)005LD			4.3/1.4	0.45/0.15	2.9/2.4	1.5/1.2				6.3 x 1	43 (51)	0.85 (1.8)
1/2	(N)ERP(ERG)005SD			9.1/3.0	0.9/0.3	5.7/5.1	2.9/2.6				6.3 x 1	51 (60)	0.85 (1.8)
1	(N)ERP(ERG)010LD			4.3/1.4	0.9/0.3	5.7/5.1	2.9/2.6	58 to 127	128 to 203 OR 204 to 305	1300	8.0 x 1	58 (63)	1.38 (2.3)
1	(N)ERP(ERG)010SD			8.8/2.9	1.8/0.6	9.1/5.7	4.6/2.9				8.0 x 1	78 (83)	1.38 (2.3)
1 1/2	(N)ERP(ERG)015SD			6.1/2.0	1.8/0.6	9.1/5.7	4.6/2.9	82 to 153	154 to 305	1500	10.0 x 1	92 (97)	2.3 (3.2)
2	(N)ERP(ERG)020LD			4.4/1.5	1.8/0.6	9.1/5.7	4.6/2.9				10.0 x 1	93 (98)	2.3 (3.2)
2	(N)ERP(ERG)020SD			8.6/2.9	3.5/1.2	19.6/9.4	9.8/4.7				10.0 x 1	146 (151)	2.3 (3.2)
2 1/2	(N)ERP(ERG)025SD			6.9/2.3	3.5/1.2	19.6/9.4	9.8/4.7			1700	11.2 x 1	157 (162)	2.9 (3.9)
3	(N)ERP(ERG)030LD			5.0/1.7	3.5/1.2	19.6/9.4	9.8/4.7				12.5 x 1	161 (166)	3.4 (4.3)
3	(N)ERP(ERG)030SD			7.0/2.3	4.6/1.5	24.1/10.6	12.1/5.3	12.5 x 1	170 (175)		3.4 (4.3)		
5	(N)ERP(ERG)050LD			3.5/1.2	3.5/1.2	19.6/9.4	9.8/4.7	100 to 178	179 to 305	2300	11.2 x 2	210 (217)	5.9 (6.8)

Figures in parentheses are data for geared trolley.

*Minimum Flange Width for curved beam: 1 Ton Push and 1/8 to 1 Ton Geared = 73 mm
3 Ton Push or Geared = 89 mm

Metric Dimensions – Dual Speed Hoist with Geared Trolley:

Cap. (Tons)	Product Code	Headroom C (mm)	E (m)	a (mm)	b (mm)	e (mm)	g (mm)	h (mm)	i (mm)	j (mm)	k (mm)	k' (mm)	m (mm)	n (mm)	r (mm)	t (mm)	u (mm)
1/8	(N)ERG001HD	410	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/4	(N)ERG003SD	410	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/4	(N)ERG003HD	430	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/2	(N)ERG005LD	410	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1/2	(N)ERG005SD	430	3.2	345	236	152	24	106	71	28	95	106	56	112	50	25	183
1	(N)ERG010LD	460	3.2	345	236	152	31	106	71	28	95	106	56	112	50	25	183
1	(N)ERG010SD	495	3.2	345	236	152	31	106	71	28	95	106	56	112	50	25	183
1 1/2	(N)ERG015SD	555	3.2	385	280	154	34	127	85	34	112	109	71	131	62	32	183
2	(N)ERG020LD	625	3.2	385	280	154	37	127	85	34	112	109	71	131	62	32	183
2	(N)ERG020SD	735	3.2	385	280	154	37	127	85	34	112	109	71	131	62	32	183
2 1/2	(N)ERG025SD	735	3.4	398	324	157	40	148	100	36	134	114	80	152	68	36	183
3	(N)ERG030LD	770	3.4	398	324	157	44	148	100	36	134	114	80	152	68	36	183
3	(N)ERG030SD	770	3.4	398	324	157	44	148	100	36	134	114	80	152	68	36	183
5	(N)ERG050LD	885	3.5	401	400	156	46	169	118	47	144	131	81	178	88	54	183

Metric Dimensions – Dual Speed Hoist with Push Trolley:

Cap. (Tons)	Product Code	Headroom C (mm)	a (mm)	b (mm)	e (mm)	g (mm)	h (mm)	i (mm)	j (mm)	k (mm)	m (mm)	n (mm)	r (mm)	t (mm)
1/8	(N)ERP001HD	390	204	182	46	24	82	60	19	76	48	84	38	22
1/4	(N)ERP003SD	390	204	182	46	24	82	60	19	76	48	84	38	22
1/4	(N)ERP003HD	410	204	182	46	24	82	60	19	76	48	84	38	22
1/2	(N)ERP005LD	390	204	182	46	24	82	60	19	76	48	84	38	22
1/2	(N)ERP005SD	410	204	182	46	24	82	60	19	76	48	84	38	22
1	(N)ERP010LD	460	249	236	56	31	106	71	28	95	56	112	50	25
1	(N)ERP010SD	495	249	236	56	31	106	71	28	95	56	112	50	25
1 1/2	(N)ERP015SD	555	300	280	69	34	127	85	34	112	71	131	62	32
2	(N)ERP020LD	625	300	280	69	37	127	85	34	112	71	131	62	32
2	(N)ERP020SD	735	300	280	69	37	127	85	34	112	71	131	62	32
2 1/2	(N)ERP025SD	735	320	324	79	40	148	100	36	134	80	152	68	36
3	(N)ERP030LD	770	320	324	79	44	148	100	36	134	80	152	68	36
3	(N)ERP030SD	770	320	324	79	44	148	100	36	134	80	152	68	36
5	(N)ERP050LD	885	297	400	53	46	169	118	47	144	81	178	88	54

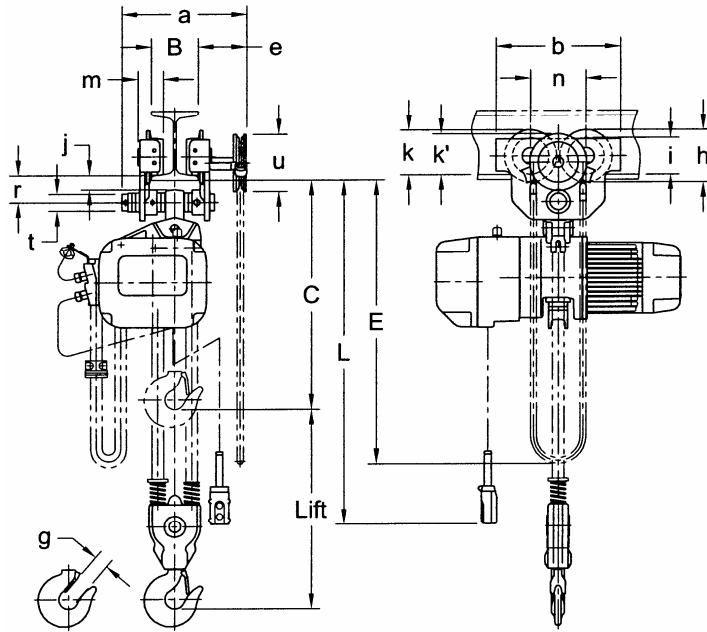


Figure 1 – ER with Geared Trolley, Single and Dual Speed (ERG050L)

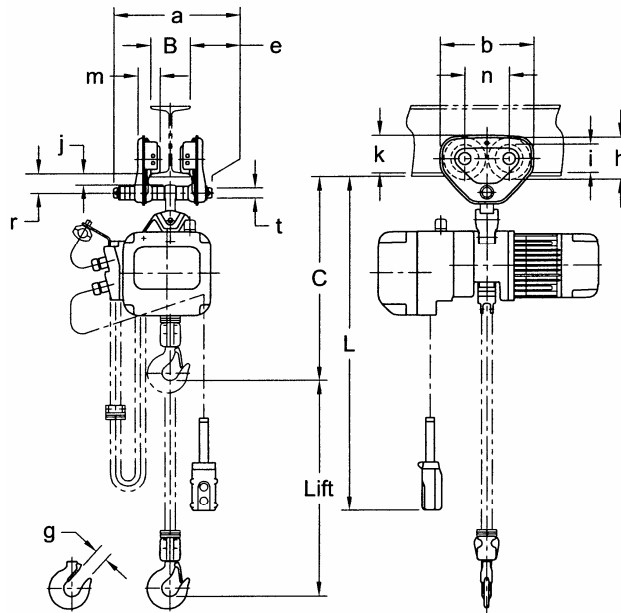


Figure 2 – ER with Push Trolley, Single and Dual Speed (ERP010L)