

S series

Electric chain hoist



Suspension type

Single speed model

Dual speed model

Single phase model

Specifications table

SINGLE SPEED (3 PHASE)

S(H)		1S(H)	2S(H)	3S(H)	5S(H)
Model Name		1S(H)	2S(H)	3S(H)	5S(H)
Rated Load	(kg)	1,000	2,000	3,000	5,000
Standard Lift	(m)	3(6)			
Hoisting Speed	50Hz	4.6	2.3	1.5	0.9
	60Hz	5.5	2.8	1.8	1.1
Motor Output	50Hz	0.8	0.8	0.8	0.8
	60Hz	1.0	1.0	1.0	1.0
Link Chain	Dia. (mm)	φ7.1	φ7.1	φ7.1	φ7.1
	No. of	1	2	3	5
Rating		25% ED			
Power Cord Length		5m			

DUAL SPEED (3 PHASE)

SN(H)		1SN(H)	2SN(H)
Model Name		1SN(H)	2SN(H)
Rated Load	(kg)	1,000	2,000
Standard Lift	(m)	3(6)	
Hoisting Speed	50Hz	4.6/1.2	2.3/0.6
	60Hz	5.5/1.4	2.8/0.7
Motor Output	50Hz	0.8/0.2	0.8/0.2
	60Hz	1.0/0.25	1.0/0.25
Link Chain	Dia. (mm)	φ7.1	φ7.1
	No. of Falls	1	2
Rating		20/10% ED	
Power Cord Length		5m	

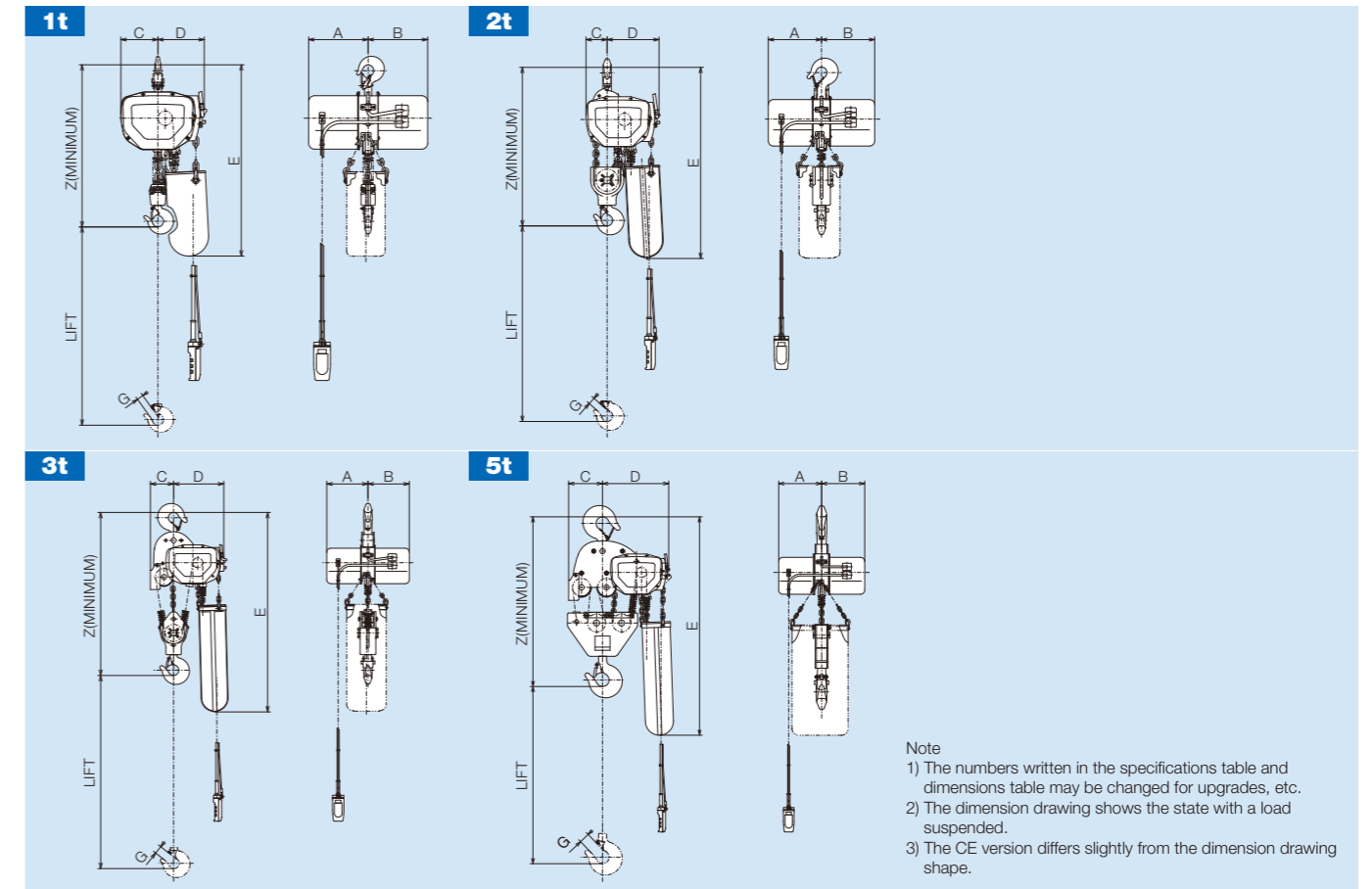
SINGLE PHASE

SS(H) ₂ , S(H) ₁		1S(H) ₁	2S(H) ₁
Model Name		1S(H) ₁	2S(H) ₁
Rated Load	(kg)	1,000	2,000
Standard Lift	(m)	3(6)	
Hoisting Speed	50Hz	2.3	1.1
	60Hz	2.8	1.4
Motor Output	50Hz	0.4	0.4
	60Hz	0.5	0.5
Link Chain	Dia. (mm)	φ7.1	φ7.1
	No. of Falls	1	2
Rating		20% ED	
Power Cord Length		5m	

All dimensions and specifications are subject to change without notice.

Suspension type

Dimensions



Specifications table

SINGLE SPEED (3 PHASE)

Model Name	1S	1SH	2S	2SH	3S	3SH	5S	5SH
Rated Load	1,000		2,000		3,000		5,000	
Dimensions	Z	540	665	800	895			
	A	216	216	216	216			
	B	216	216	216	216			
	C	135	90	125	175			
	D	170	215	270	340			
	D'(CE)	170	215	270	340			
	E	680	705	775	835	1,050	1,065	1,095
G	23	26	42	48				
Approx. Weight	37	42	49	59	61	72	88	105

All dimensions and specifications are subject to change without notice.

DUAL SPEED (3 PHASE)

Model Name	1SN	1SNH	2SN	2SNH
Rated Load	1,000		2,000	
Dimensions	Z	550	665	
	A	216	216	
	B	246	246	
	C	135	90	
	D	170	215	
	D'(CE)	170	215	
	E	680	705	775
G	23	26		
Approx. Weight	42	47	54	64

SINGLE PHASE

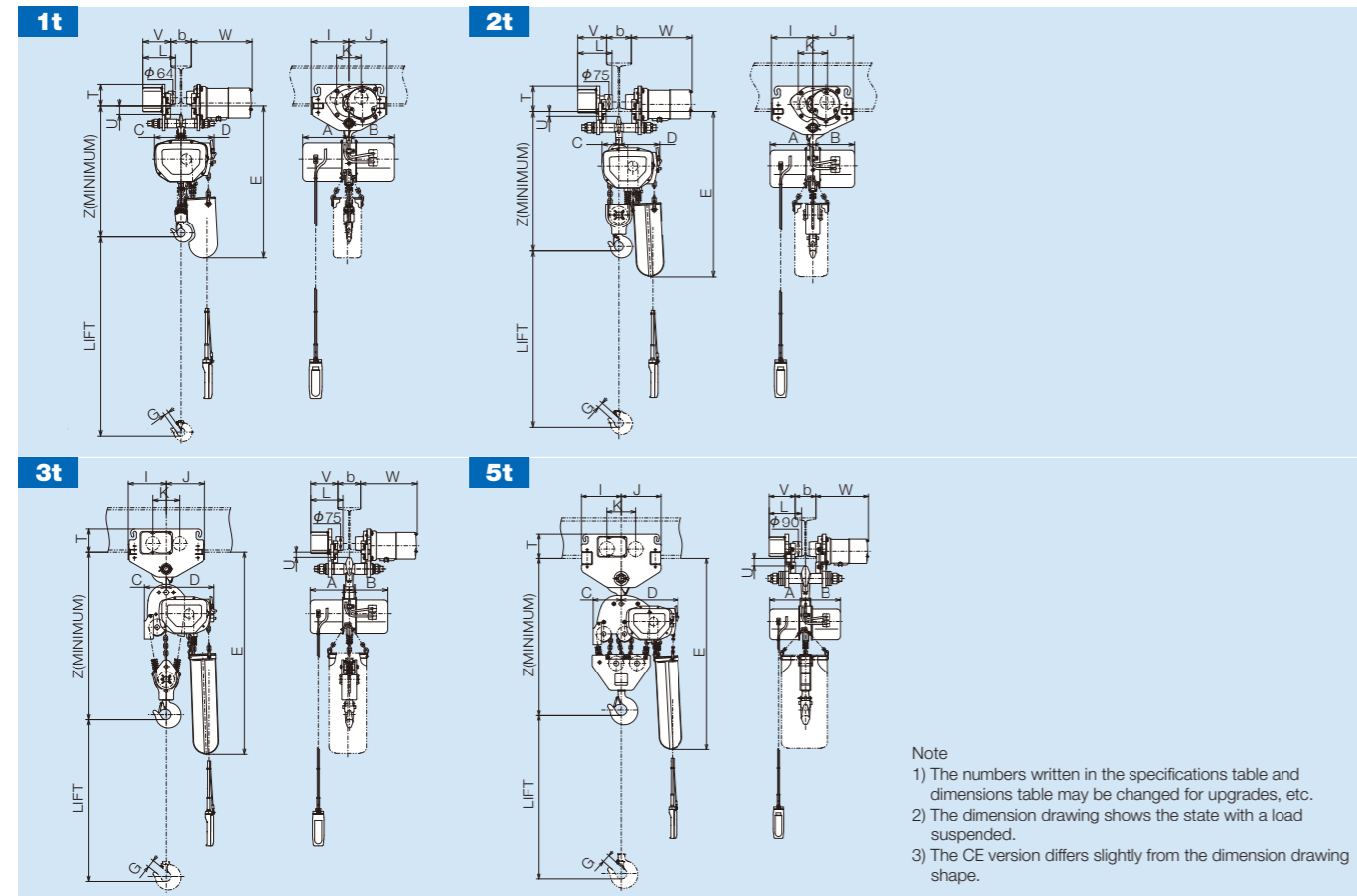
Model Name	1S1	1SH1	2S1	2SH1
Rated Load	1,000		2,000	
Dimensions	Z	540	665	
	A	246	246	
	B	246	246	
	C	135	90	
	D	170	215	
	D'(CE)	170	215	
	E	680	705	775
G	23	26		
Approx. Weight	39	44	51	61

All dimensions and specifications are subject to change without notice.

With motorized trolley-ET

This can be combined with a 4-point or 6-point pushbutton and used as a motorized trolley or overhead traveling crane.

Dimensions



- Note
- 1) The numbers written in the specifications table and dimensions table may be changed for upgrades, etc.
 - 2) The dimension drawing shows the state with a load suspended.
 - 3) The CE version differs slightly from the dimension drawing shape.

Specifications table

Chain Hoist Model Name	1S(H)	1SN(H)	2S(H)	2SN(H)	3S(H)	5S(H)	
Trolley Type	1ET		2ET		3ET	5ET	
Rated Load (kg)	1,000		2,000		3,000	5,000	
Dimensions (mm)	Z	610	620	721	721	862	984
	A	216	216	216	216	216	216
	B	216	246	216	246	216	216
	C	135	135	90	90	125	175
	D	170	170	215	215	270	340
	D'(CE)	170	170	215	215	270	340
	E	750	750	770(840)		910(1,125)	1,170(1,200)
	G	23	23	26	26	42	48
	I	185		210		210	240
	J	190		210		210	240
	K	120		148		148	173
	L	182		200		203	219
	T	110		140		140	156
	U	38		18		16	34
V	159		172		175	181	
W	303		313		316	323	
Min.Curve Radius (m)	1.5		1.8		2.0	3.0	
Applicable Beam Width b (mm)	75-125		100-150		125-175	125-175	
Approx.Weight (kg)	75(80)	80(85)	101(111)	106(116)	121(132)	174(191)	

All dimensions and specifications are subject to change without notice.

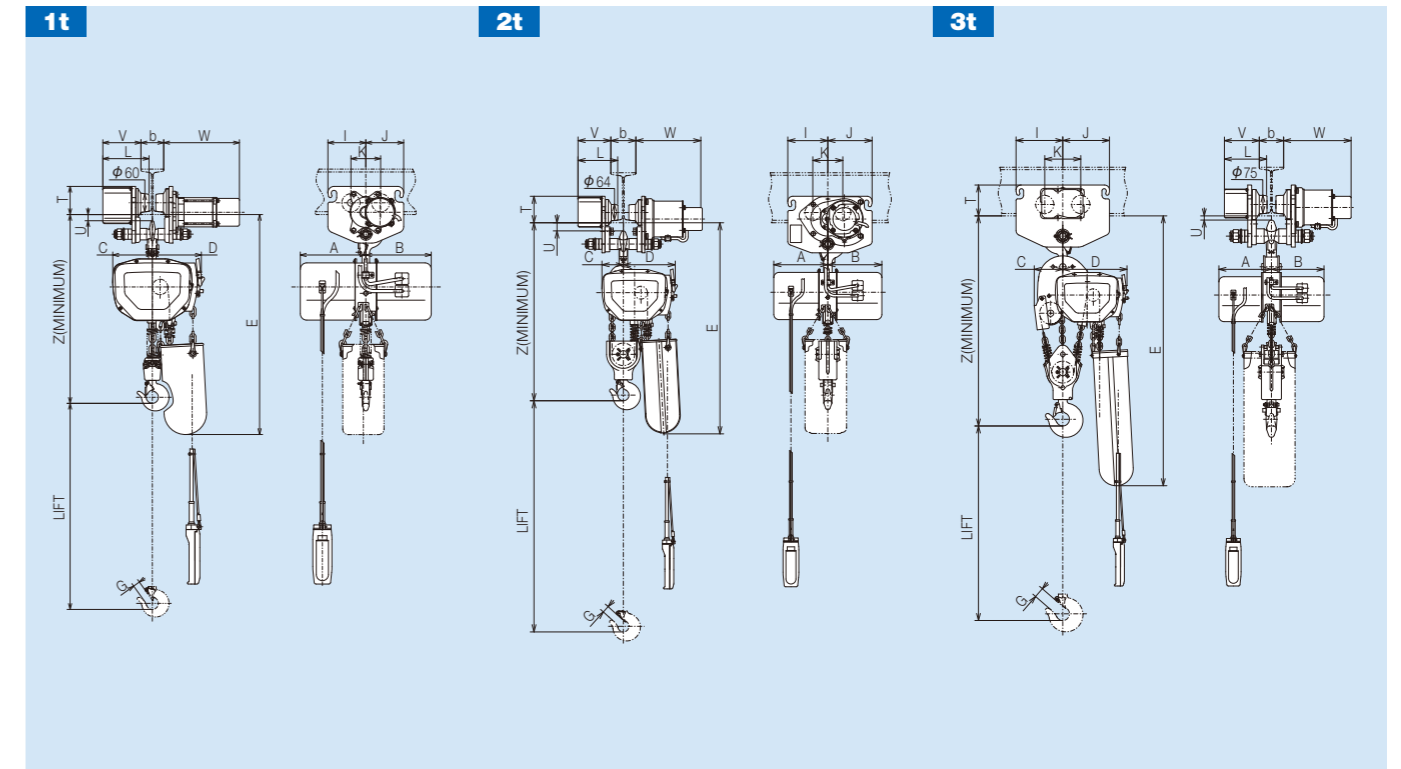
Motorized trolley specifications table

Series Name	ET series				ST series		
Model Name	1ET	2ET	3ET	5ET	1ST	2ST	3ST
Working Load Limit (kg)	1,000	2,000	3,000	5,000	1,000	2,000	3,000
Traveling Speed (m/min)	50Hz	10.5(21)			10.5		
	60Hz	12.5(25)			12.5		
Motor Output (kW)	50Hz	0.14(0.27)	0.3(0.6)		0.07	0.14	0.2
	60Hz	0.16(0.32)	0.35(0.7)		0.08	0.16	0.24
Applicable Beam Width b (mm)	75-125	100-150		125-175	75-125	100-150	
Rating	25%ED						

With motorized trolley-ST

This can be combined with a 4-point or 6-point pushbutton and used as a motorized trolley or overhead traveling crane.

Dimensions



Specifications table

Chain Hoist Model Name	1S(H)	1SN(H)	2S(H)	2SN(H)	3S(H)	
Trolley Type	1ST		2ST		3ST	
Rated Load (kg)	1,000		2,000		3,000	
Dimensions (mm)	Z	590	590	719	719	852
	A	216	216	216	216	216
	B	216	246	216	246	216
	C	135	135	90	90	125
	D, D'(CE)	170	170	215	215	270
	E	730	730	772(842)		900(1,115)
	G	23	23	26	26	42
	I	125		160		192
	J	125		177		192
	K	98		120		148
	L	156		163		180
	T	101		119		140
	U	18		19		5
	V	130		135		145
W	255		270		280	
Min.Curve Radius (m)	1.8		2.5		3.0	
Applicable Beam Width b (mm)	75-100		100-150		100-150	
Approx.Weight (kg)	60(65)	65(70)	86(96)	91(101)	109(120)	

All dimensions and specifications are subject to change without notice.