

S/E series (3PH/1PH)

Load Supporting Frame

- Constructed with two plates of S50C steel (2 Tons 1 Fall type & higher capacity)
- Chain wheel case, gear case B and load-supporting frame are constructed with one piece of FCD45 nodular cast-iron. (3 Tons 3 Falls type and lower capacity)

Mechanical Brake

Long-service, trouble-free mechanical brake, together with motor brake, provides dual braking system to assure operating safety.

Housing

The aluminum alloy motor housing is light in weight and provides good heat dissipation, allowing up to 30 minutes continuous duty. Fully-enclosed design, suitable for applications in foundries, electro-plating factories...etc..

Negative Phase Detector

Motor will not run if power supply is wrongly wired.

48V Controller Voltage

48V controller can prevent personnel from injury caused by current leakage of push button control unit.



Capacity:
2(L), 2(H).ton

Capacity:
1(L), 1(H).ton

Capacity:
3(L), 3(H).ton

SPECIFICATIONS:

Nominal Capacity (Ton)	Model		Standard Lift (m)	Lifting Speed (m/min) 3 phase				Lifting Motor (KW)		Power Supply	Duty Rating%	Load Chain Dia.(mm)x Chain Falls	Single Speed		Dual Speed				
	Single Speed	Dual Speed		50HZ		60HZ		Single Speed	Dual Speed				N.W.kg	G.W.kg	N.W.kg	G.W.kg			
				Single Speed	Dual Speed	Single Speed	Dual Speed												
0.5	US0050L	US0050LD	3	6.7	6.7/2.2	8.0	8.0/2.6	1.5	1.5/0.5	(3PHASE) 220V-600V 50HZ/60HZ	40	ø7.1x1	58	64	63.5	69.5			
	US0050H	US0050HD		11.3	11.3/3.8	13.5	13.5/4.5	1.7	2.2/0.7				60	66	63.5	69.5			
1	US0100L	US0100LD		4.7	4.7/1.6	5.6	5.6/1.8	1.5	1.5/0.5				58	64	63.5	69.5			
	US0100H	US0100HD		6.7	6.7/2.2	8.0	8.0/2.6	1.7	2.2/0.7				60	66	63.5	69.5			
2	US0200L	US0200LD		2.3	2.3/0.8	2.8	2.8/0.9	1.5	1.5/0.5			ø7.1x2	70.5	76.5	75	81			
	US0200H	US0200HD		3.3	3.3/1.1	4.0	4.0/1.3	1.7	2.2/0.7				70.5	76.5	75	81			
3	US0300L	US0300LD		1.5	1.5/0.5	1.8	1.8/0.6	1.7	2.2/0.7			ø7.1x3	84.5	97.5	87.5	100.5			
	US0300H	US0300HD		2.2	2.2/0.7	2.6	2.6/0.9	1.7	2.2/0.7				84.5	97.5	87.5	100.5			
2	US0200S	US0200SD		6.6	6.6/2.2	7.9	7.9/2.6	3.7	3.7/1.2			ø10.0x1	116.5	144.5	118	146			
2.5	US0250S	US0250SD		5.3	5.3/1.8	6.4	6.4/2.1						116	144	125	153			
3	US0300S	US0300SD		4.3	4.3/1.4	5.2	5.2/1.7	3.7x2	3.7x2/ 1.2x2	ø10.0x2	134		162	136	164				
5	US0500S	US0500SD		2.6	2.6/0.9	3.2	3.2/1.0			ø11.2x1	116		144	125	153				
7.5	US0750S	US0750SD		1.8	1.8/0.6	2.1	2.1/0.7	ø10.0x2	134	162	136		164						
10	US1000S	US1000SD		2.6	2.6/0.9	3.2	3.2/1.0		ø11.2x2	145	173		154	182					
	US1500S	US1500SD		1.8	1.8/0.6	2.1	2.1/0.7		ø11.2x3	195	223		204	232					
20	US2000S	US2000SD		1.3	1.3/0.4	1.6	1.6/0.5		ø11.2x4	334	392		351	407					
Single-phase													ø11.2x6	400	468	417	485		
1	US0100E	—		4.7	—	5.6	—	1.5	—	SINGLE PHASE 220V 230V 50HZ/60HZ	15		ø7.1x1	63	69	—	—		
2	US0200E	—		2.3	—	2.8	—	—	—			ø7.1x2		74	81	—	—		



Capacity:
5(S).ton

Capacity:
7 1/2(S).ton

Limit Switch

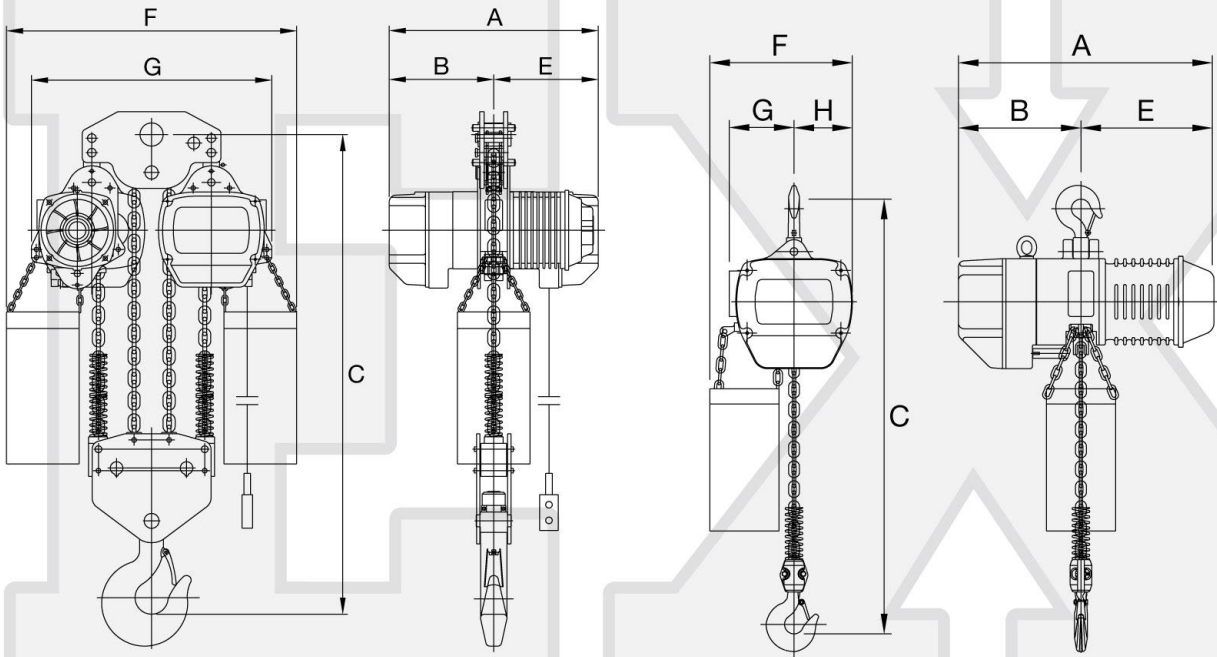
Limit switch can avoid overwinding of chains and protect gear device from damage.

Load Chain

Japanese-made FEC 80 super alloy steel, heat-treated chain is suitable for applications in harsh operating environments.

Hook

- Hot-forged, excellent strength and toughness.
- Bottom hook swivels through 360 degrees.
- Safety catches on top and bottom hooks.



DIMENSIONS(mm)

Nominal Capacity (Ton)	Model	Min Distance Between Hooks: C		A		B		E		F	G	H
		Single Speed	Dual Speed	Single Speed	Dual Speed	Single Speed	Dual Speed	Single Speed	Dual Speed			
0.5	USS0050L (D)	588	588	533	236	297	303	140	123			
	USS0050H (D)											
1	USS0100L (D)	745	745	535	236	299	319	202	77			
	USS0100H (D)											
	USS0100E											
2	USS0200L (D)	849	849	533	236	297	400	239	121			
	USS0200H (D)											
	USS0200E											
2	USS0200S (D)	777	777									
2.5	USS0250S (D)	823	823	625	649	304	426	184	162			
	USS0300S (D)											
3	USS0300S (D)	944	944									
5	USS0500S (D)	966	966	642	656	321	271	75	175			
	USS0750S (D)											
10	USS1000S (D)	1238	1238									
15	USS1500S (D)	1392	1392	760	800	380	547	292	175			
	USS2000S (D)											
	USS3000S (D)											
20	USS2000S (D)	1534	1534									
30	USS3000S (D)	1776	1776									