

SK series (3PH)

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.



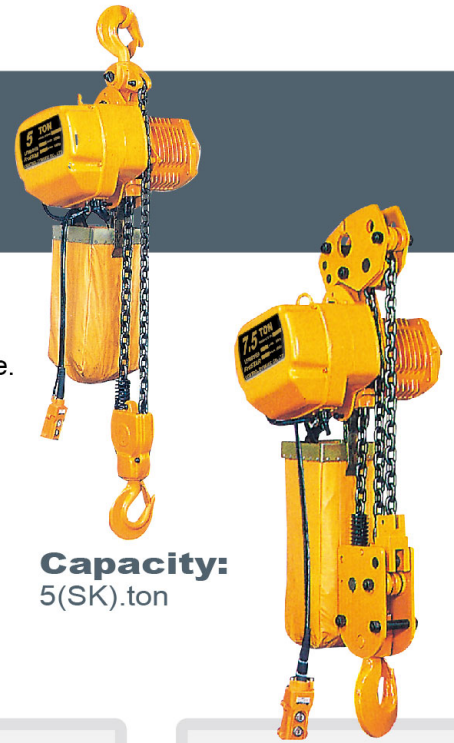
Capacity:
1(LK), 1(HK).ton

Capacity:
2(LK), 2(HK).ton

Capacity:
3(LK), 3(HK).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	US0050LK	US0050LDK	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	ø 7.1x1	58	64	63.5	69.5	
	US0050HK	US0050HDK		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	US0100LK	US0100LDK		5.3	5.3/1.8	6.4	6.4/2.1	1.5	1.5/0.5				ø 7.1x1	58	64	63.5	69.5
	US0100HK	US0100HDK		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	US0200LK	US0200LDK		2.6	2.6/0.9	3.2	3.2/1.1	1.5	1.5/0.5				ø 7.1x2	70.5	76.5	75	81
	US0200HK	US0200HDK		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	US0300LK	US0300LDK		1.8	1.8/0.6	2.1	2.1/0.7	1.7	2.2/0.7			ø 7.1x3	84.5	97.5	87.5	100.5	
	US0300HK	US0300HDK		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	US0200SK	US0200SDK		6.6	6.6/2.2	7.9	7.9/2.6	3.7	3.7/1.2			ø 10.0x1	116.5	144.5	118	146	
2.5	US0250SK	US0250SDK		5.3	5.3/1.8	6.4	6.4/2.1						ø 11.2x1	116	144	125	153
3	US0300SK	US0300SDK		4.3	4.3/1.4	5.2	5.2/1.7	3.7x2	3.7x2/1.2x2					ø 10.0x2	134	162	136
	5	US0500SK		US0500SDK	2.6	2.6/0.9	3.2						3.2/1.0		ø 11.2x2	145	173
7.5	US0750SK	US0750SDK		1.8	1.8/0.6	2.1	2.1/0.7	ø 11.2x3	195				223	204		232	
	10	US1000SK		US1000SDK	2.6	2.6/0.9	3.2		3.2/1.0				ø 11.2x4	334	392	351	407
15	US1500SK	US1500SDK		1.8	1.8/0.6	2.1	2.1/0.7	ø 11.2x6	400					468	417	485	
	20	US2000SK		US2000SDK	1.3	1.3/0.4	1.6		1.6/0.5				ø 11.2x8	510	590	527	577



Capacity:
5(SK).ton

Capacity:
7 1/2(SK).ton

Limit Switch

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

Load Chain

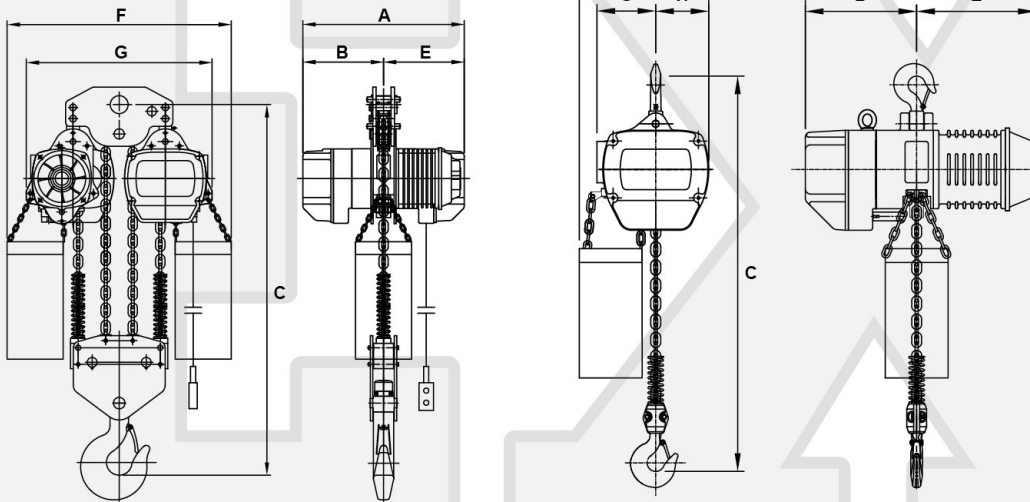
Japanese-made FEC 80 super alloy steel, heat-treated chain is suitable for applications in harsh operating environments.

Hook

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

Mechanical Brake with Overload Slip Clutch

It assures the safety during operations. (for SK series)



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	USK0050L (D)	588	588	551	549	253	253	299	297	303	140	123
	USK0050H (D)				549				318			
1	USK0100L (D)	745	745	649	570	345	345	304	318	319	202	77
	USK0100H (D)				549				297			
2	USK0200L (D)	849	849	690	570	380	380	345	318	400	239	121
	USK0200H (D)				549				297			
3	USK0300L (D)	972	972	760	570	400	400	380	318	1902	1148	-
	USK0300H (D)				570				318			
2	USK0200S (D)	777	777	649	673	345	345	304	328	426	184	162
2.5	USK0250S (D)	823	823	690	690	380	400	380	400	1902	1148	-
3	USK0300S (D)	944	944	760	800	400	400	400	400	1902	1148	-
5	USK0500S (D)	966	966	760	800	400	400	400	400	1902	1148	-
7.5	USK0750S (D)	972	972	760	800	400	400	400	400	1902	1148	-
10	USK1000S (D)	1238	1238	760	800	400	400	400	400	1902	1148	-
15	USK1500S (D)	1392	1392	760	800	400	400	400	400	1902	1148	-
20	USK2000S (D)	1534	1534	760	800	400	400	400	400	1902	1148	-
30	USK3000S (D)	1776	1776	760	800	400	400	400	400	1902	1148	-