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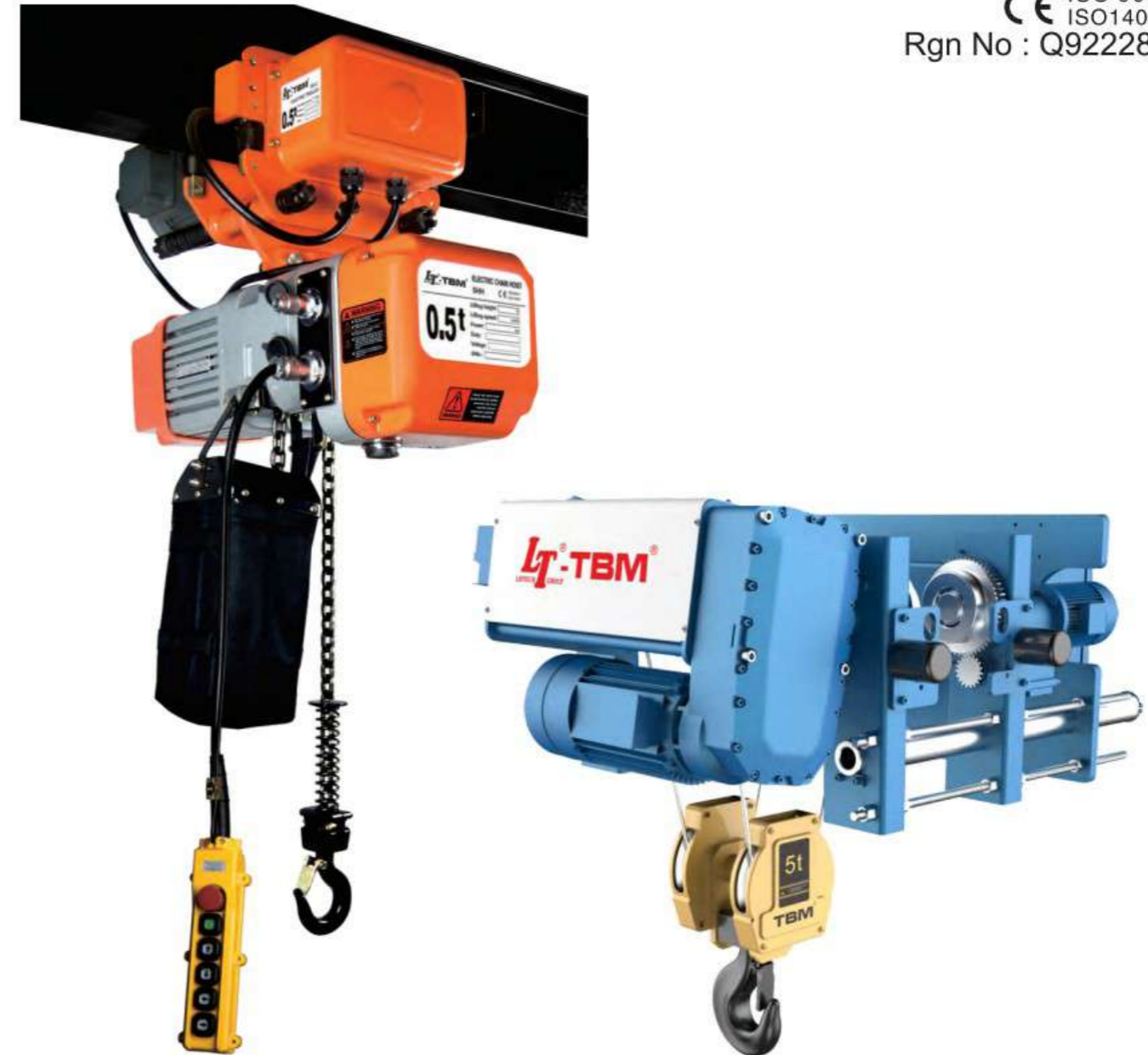
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ELECTRIC WIRE ROPE HOIST ELECTRIC CHAIN HOIST

CE ISO 9001
ISO14001
Rgn No : Q922288



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BEST SERVICE TO CUSTOMER



SHA8

CE ISO9001
ISO14001

Low-headroom Electric Wire Rope Hoist

Electronic unit

- Stable and durable contactor control, reliably work in bad condition
- Sturdy and durable control panel, IP54 protection level

Travelling driving unit

- Compact structure, small size and light weight
- 30% rotational efficiency higher than traditional coupling
- Suitable for frequency reverse switching
- IP55 protection level, H level insulation
- Safe and reliable DC brake
- Aluminum alloy shell, hard tooth surface reducer, well sealing without oil leakage



Lifting drive unit

- Ip55 protection level, F level insulation
- High efficiency double speed lifting motor, ratio 6:1
- 40% ED, strong power and sufficient stock
- With thermal protecting function to prevent from over temperature
- Sturdy and durable aluminum alloy motor, light weight, good heat dissipation
- Free maintenance design, no need to change lubrication oil in lifetime
- DC brake, more than one million times brake operation
- The safety factor of brake is higher than 180%, manual release for optional

Imported Wire Rope

- 2160N/mm² tensile strength
- Good flexibility and long service life
- Press rope block for special use, intensively layout to prevent form loose
- Fastening is more reliable

Hook Assembly

- With safety latch to protect safety
- 360° horizontal and 180° vertical rotations operation easily
- High strength extrusion pulley, high finish rope groove to avoid friction with wire rope

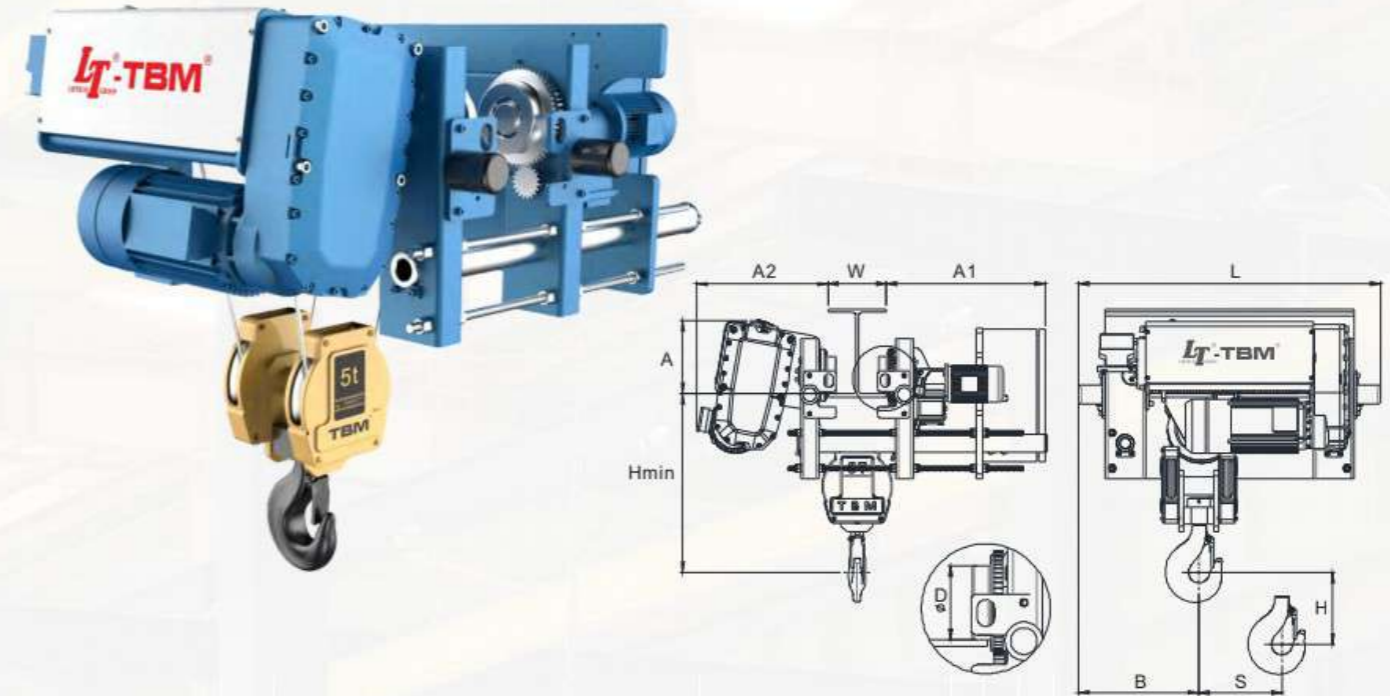
Rope guide

- High performance engineering material, light self-weight, sturdy and reliable
- Circular design and precise rope guide system

SHA8

CE ISO9001
ISO14001

Low-headroom Electric Wire Rope Hoist



Technical Parameter

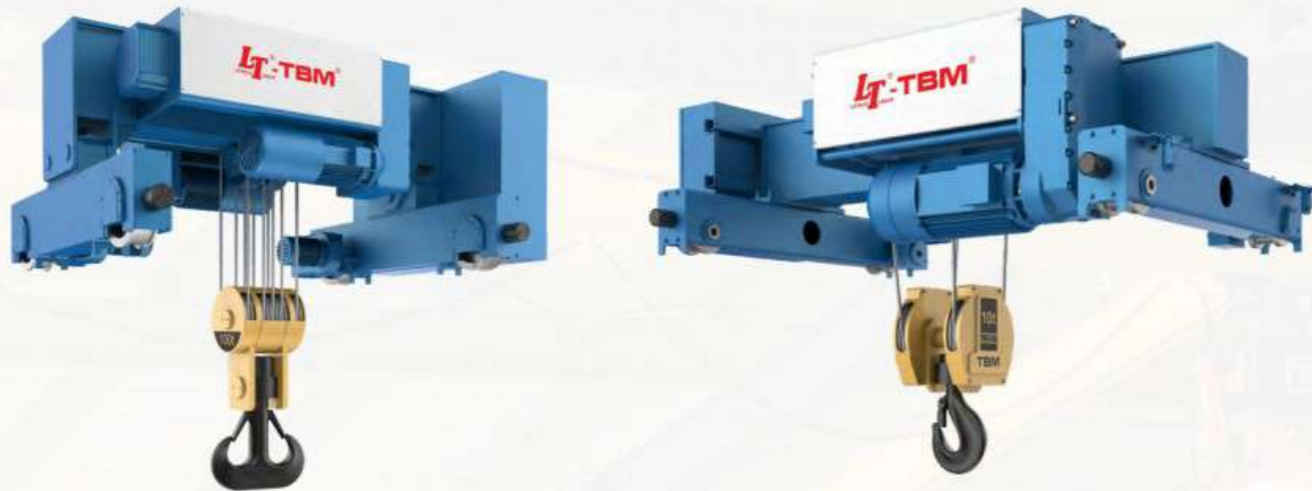
Model	Capacity (t)	Duty	Rope Reeling	Lifting Speed (m/min)	Lifting Motor (Kw)	Traveling Speed (m/min)	Traveling Motor (Kw)	Rail width range W(mm)		Wire Rope Diameter (mm)	Wheel Diameter D(mm)	A (mm)	Hmin (mm)	L (mm)							A1 (mm)	A2 (mm)	B (mm)	S (mm)
								I Beam	H Beam					Lifting Height H										
														6m	9m	12m	15m	18m	24m	30m				
SHA8-2	1	M7	2/1	10/1.6	3.2/0.45	20/5	2° 0.37/0.1	100-180	100-400	7	100	220	600	/	/	991	/	1201	1411	1621	505	420	353.5	0.0176H
	1.25	M6	2/1	10/1.6																				
	1.6	M5	2/1	10/1.6																				
	2	M7	4/1	5/0.8																				
	2.5	M6	4/1	5/0.8																				
SHA8-3	3.2	M5	4/1	5/0.8	6.0/0.9	20/5	2° 0.37/0.1	110-180	110-460	9	125	249	700	/	/	991	/	1201	1411	1621	585	489	392	0.0167H
	4	M6	4/1	5/0.8																				
	5	M5	4/1	5/0.8																				
	6.3	M4	4/1	5/0.8																				
	8	M6	2/1	10/1.6																				
SHA8-4	4	M6	2/1	10/1.6	9.5/1.5	20/5	2° 0.37/0.1	120-180	120-460	13	150	336	900	/	/	1100	/	1312	1524	1736	556	623	454	0.018H
	5	M5	2/1	10/1.6																				
	6.3	M4	2/1	10/1.6																				
	8	M6	4/1	5/0.8																				
	10	M5	4/1	5/0.8																				
SHA8-4	12.5	M4	4/1	5/0.8	12.5/1.9	20/5	2° 0.75/0.18	120-180	120-460	13	150	336	800	1100	1312	1524	1736	/	/	/	556	623	454	0.018H
	12.5	M4	4/1	5/0.8																				

- Inverter motor is for optional for lifting motor and traveling motor
- If you need detail specification drawing, please contact with your supplier

SHA8

CE ISO9001
ISO14001

Double girder hoist-BS type



SHA8 Double girder hoist-BS type

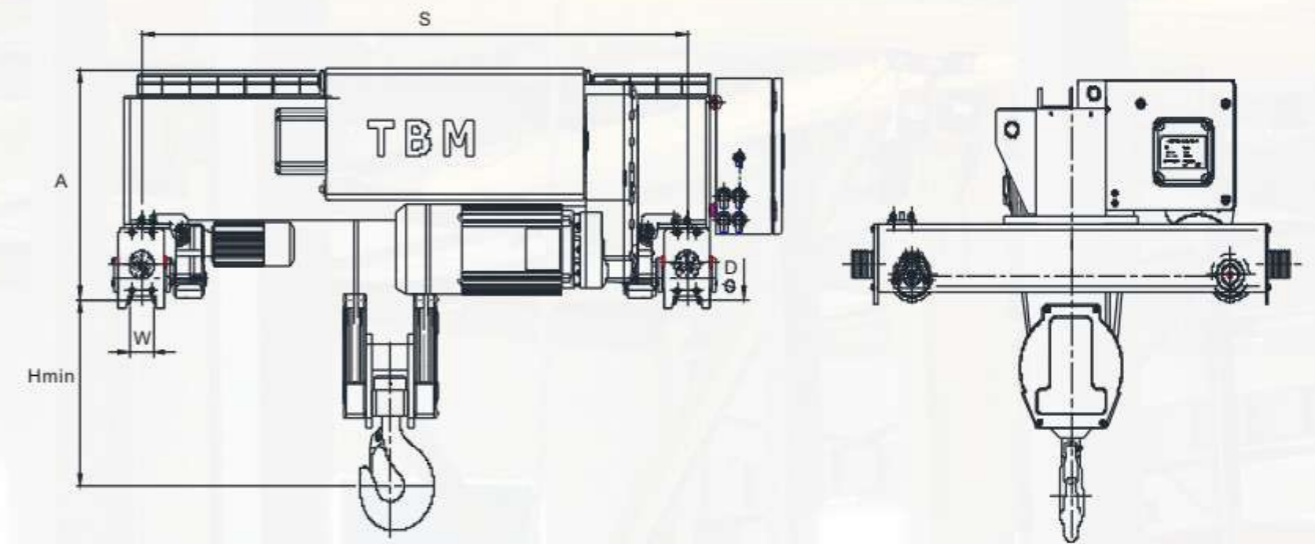
Model	Rope Reeving	Capacity/ ISO Duty																Drum Diameter mm	Wire Rope Diameter mm	
		1.6	2.5	3.2	5	6.3	8	10	12.5	16	20	25	32	40	50	63	80			100
SHA8-3	2/1	M6	M5	M4															193	9
	4/1			M6	M5	M4														
SHA8-4	2/1			M6	M5	M4													271	13
	4/1						M6	M5	M4											
SHA8-5	2/1						M6	M5	M4										327	18
	4/1									M6	M5	M4								
	8/2									M6	M5	M4								
	12/2											M6	M5							
	8/2D												M6	M5	M4					
	10/2D													M6	M5	M4				
SHA8-6	2/1								M6	M5	M4							405	20	
	4/1										M6	M5	M4							
	8/2										M6	M5	M4							
	12/2												M6	M5	M4					
	16/2													M6	M5	M4				
	8/2D														M5	M4				
10/2D															M5	M4				

■ D is double drum structure

Technical Parameter

Model	Rope Reeving	Lifting Motor	Lifting Speed	Travelling Motor	Travelling Speed	Wheel Diameter D	Hmin	A	W	Rail Gauge S	Lifting height
		(kw)	(m/min)	(kw)	(m/min)	(mm)	(mm)	(mm)	(mm)	(mm)	(m)
SHA8-3	2/1	6.0/0.9	10/1.6	2*0.37	0~20	125	450	550	65	1200~2000	12~30
	4/1		5/0.8	2*0.37	0~20	125	350	550	65	1200~2000	6~15
SHA8-4	2/1	9.5/1.5 (12.5/1.9)	10/1.6	2*0.37	0~20	125	600	650	65	1400~2300	12~30
	4/1		5/0.8	2*0.55	0~20	125	500	650	65	1400~2300	6~15
SHA8-5	2/1	18.8/2.9	8/1.2	2*0.55	0~20	125	750	780	65	1400~2600	12~40
	4/1		4/0.6	2*1.1	0~20	200	750	800	85	1400~2600	6~20
	8/2		4/0.6	2*1.1	0~20	200	900	800	85	1700~3000	10~20
	12/2	2*	2.7/0.4	2*1.5	0~20	200	1200	900	85	1700~3000	6.5~13
	8/2D		4/0.6	2*2.2	0~20	250	1000	1100	90	1700~3400	6~20
	10/2D		3.2/0.5	2*3	0~20	315	1300	1150	95	1700~3400	7~16
SHA8-6	2/1	38	0~9.8	2*1.1	0~20	160	1000	1000	75	1700~3000	12~45
	4/1		0~4.9	2*1.5	0~20	250	1000	1100	90	1700~3000	6~22.5
	8/2		0~4.9	2*1.5	0~20	250	900	1100	90	2000~3400	9~22.5
	12/2		0~3.3	2*3	0~20	315	1500	1200	95	2000~3400	6~15
	16/2	2*38	0~2.45	2*4	0~20	400	2500	1200	105	2000~3400	4.5~11
	8/2D		0~4.9	2*4	0~20	400	1200	1400	105	2000~3400	6~22.5
	10/2D		0~3.9	2*4	0~20	400	2000	1400	105	2000~3400	7~18

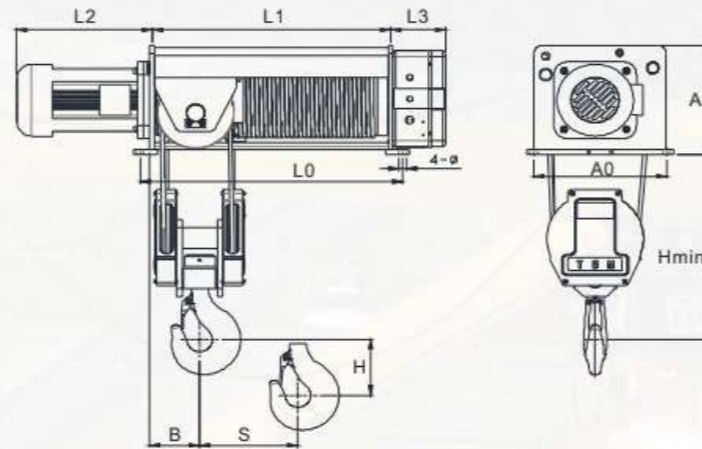
■ D is double drum structure; SHA8-6BS type lifting motor is frequency control, other models also can choose frequency control motor



SHA7



Monorail Electric Wire Rope Hoist



Technical Parameter

Model	Capacity (t)	Working Grade	Rope Reaving	Lifting Speed (m/min)	Lifting Motor (kw)	Wire Rope Diameter (mm)	A (mm)	Hmin (mm)	Lifting Height H							Size	L2 (mm)	L3 (mm)	φ (mm)	A0 (mm)	B (mm)	S (mm)
									6m	9m	12m	15m	18m	24m	30m							
SHA7-4A	1.6	M4	2/1	9/2.2	3/0.8	8	344	650	/	494	558	/	768	978	1188	L1	443	146	18	395	162	0.0131H
									/	548	612	/	822	1032	1242	L0						
SHA7-5A	3	M4	4/1	4.5/1.1	3/0.8	8	344	600	558	768	978	1188	/	/	/	L1	443	146	18	395	111	0.0131H
									612	822	1032	1242	/	/	/	L0						
SHA7-6A	3	M4	2/1	8/2	4.5/1.1	11	373	750	/	558	768	/	978	1188	1398	L1	510	158	18	430	208	0.0155H
									/	616	826	/	1036	1246	1456	L0						
SHA7-7A	5	M4	2/1	8/2	7.5/2	13	410	830	770	980	1190	1400	/	/	/	L1	510	158	18	430	133	0.0155H
									826	1036	1246	1456	/	/	/	L0						
SHA7-8A	10	M4	4/1	4/1	7.5/2	13	410	800	/	521	627	/	839	1051	1263	L1	585	192	26	468	153	0.018H
									/	606	712	/	924	1136	1348	L0						
SHA7-9A	10	M4	4/1	4/1	7.5/2	13	410	800	839	1051	1263	1475	/	/	/	L1	585	192	26	468	165	0.018H
									924	1136	1348	1560	/	/	/	L0						
SHA7-10A	10	M4	2/1	7/1.8	13/3.4	18	495	900	/	683	914	/	1145	1376	1582	L1	660	208	26	540	242	0.0195H
									/	759	990	/	1221	1452	1658	L0						
SHA7-11A	20	M4	4/1	3.5/0.9	13/3.4	18	495	860	914	1145	1376	1582	/	/	/	L1	660	208	26	540	207	0.0195H
									990	1221	1452	1658	/	/	/	L0						

■ If you need detail specification drawing, please contact with your supplier

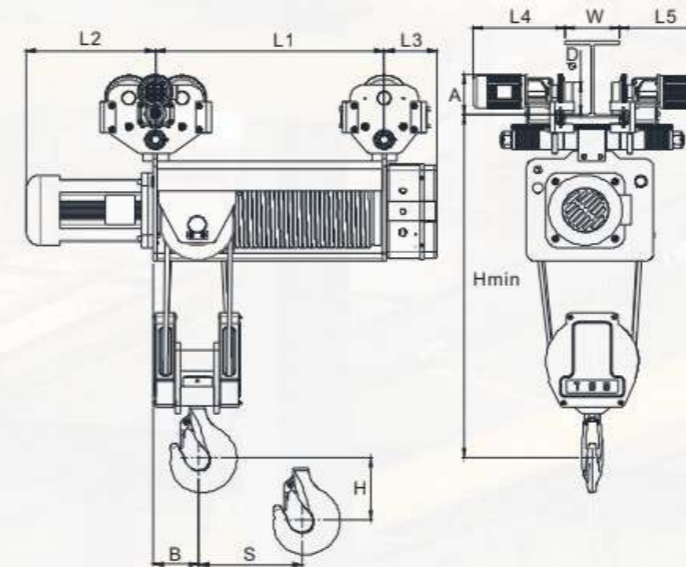


Detailed design ensures smart appearance of the hoist, integrated with high strength trolley assembly, drive motor, modular control box etc. It also ensures safety, reliability and cost-effectiveness.

SHA7



Foot-mounted Electric Wire Rope Hoist



Technical Parameter

Model	Capacity (t)	Working Grade	Rope Reaving	Lifting Speed (m/min)	Lifting Motor (kw)	Travelling Speed (m/min)	Travelling Motor (kw)	Rail Width Range W (mm)		Wire Rope Diameter (mm)	Wheel Diameter D (mm)	A (mm)	Hmin (mm)	L1 (mm)							L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	B (mm)	S (mm)
								I-Beam	H-Beam					6m	9m	12m	15m	18m	24m	30m						
SHA7-4B	1.6	M4	2/1	9/2.2	3/0.8	2/0.5	0.37/0.1	100-180	100-420	8	100	157	1050	/	494	558	/	768	978	1188	443	146	216	377	162	0.0131H
														/	548	612	/	822	1032	1242	L0					
SHA7-5B	3	M4	4/1	4.5/1.1	3/0.8	2/0.5	0.37/0.1	100-180	100-420	8	100	157	1000	558	768	978	1188	/	/	/	443	146	216	377	111	0.0131H
														612	822	1032	1242	/	/	/	L0					
SHA7-6B	3	M4	2/1	8/2	4.5/1.1	2/0.5	0.37/0.1	100-180	100-420	11	100	157	1200	/	558	768	/	978	1188	1398	510	158	216	377	208	0.0155H
														/	616	826	/	1036	1246	1456	L0					
SHA7-7B	6.3	M4	4/1	4/1	4.5/1.1	2/0.5	0.75/0.18	110-180	110-420	11	100	157	1100	770	980	1190	1400	/	/	/	510	158	216	422	133	0.0155H
														826	1036	1246	1456	/	/	/	L0					
SHA7-8B	5	M4	2/1	8/2	7.5/2	2/0.5	0.75/0.18	110-180	110-420	13	100	157	1300	/	521	627	/	839	1051	1263	585	192	216	422	153	0.018H
														/	606	712	/	924	1136	1348	L0					
SHA7-9B	10	M4	4/1	4/1	7.5/2	2/0.5	0.75/0.18 × 2	120-180	120-460	13	125	160	1300	839	1051	1263	1475	/	/	/	585	192	422	422	165	0.018H
														924	1136	1348	1560	/	/	/	L0					
SHA7-10B	10	M4	2/1	7/1.8	13/3.4	2/0.5	0.75/0.18 × 2	120-180	120-460	18	125	160	1450	/	683	914	/	1145	1376	1582	660	208	422	422	242	0.0195H
														/	759	990	/	1221	1452	1658	L0					
SHA7-11B	20	M4	4/1	3.5/0.9	13/3.4	2/0.5	0.75/0.18 × 2	130-180	130-300	18	150	180	1400	914	1145	1376	1582	/	/	/	660	208	436	436	207	0.0195H
														990	1221	1452	1658	/	/	/	L0					

■ Both Lifting and Travelling motor can be equipped with single speed or inverter motor, The power value is the fast power value

■ If you need detail specification drawing, please contact with your supplier.

SHH Outline

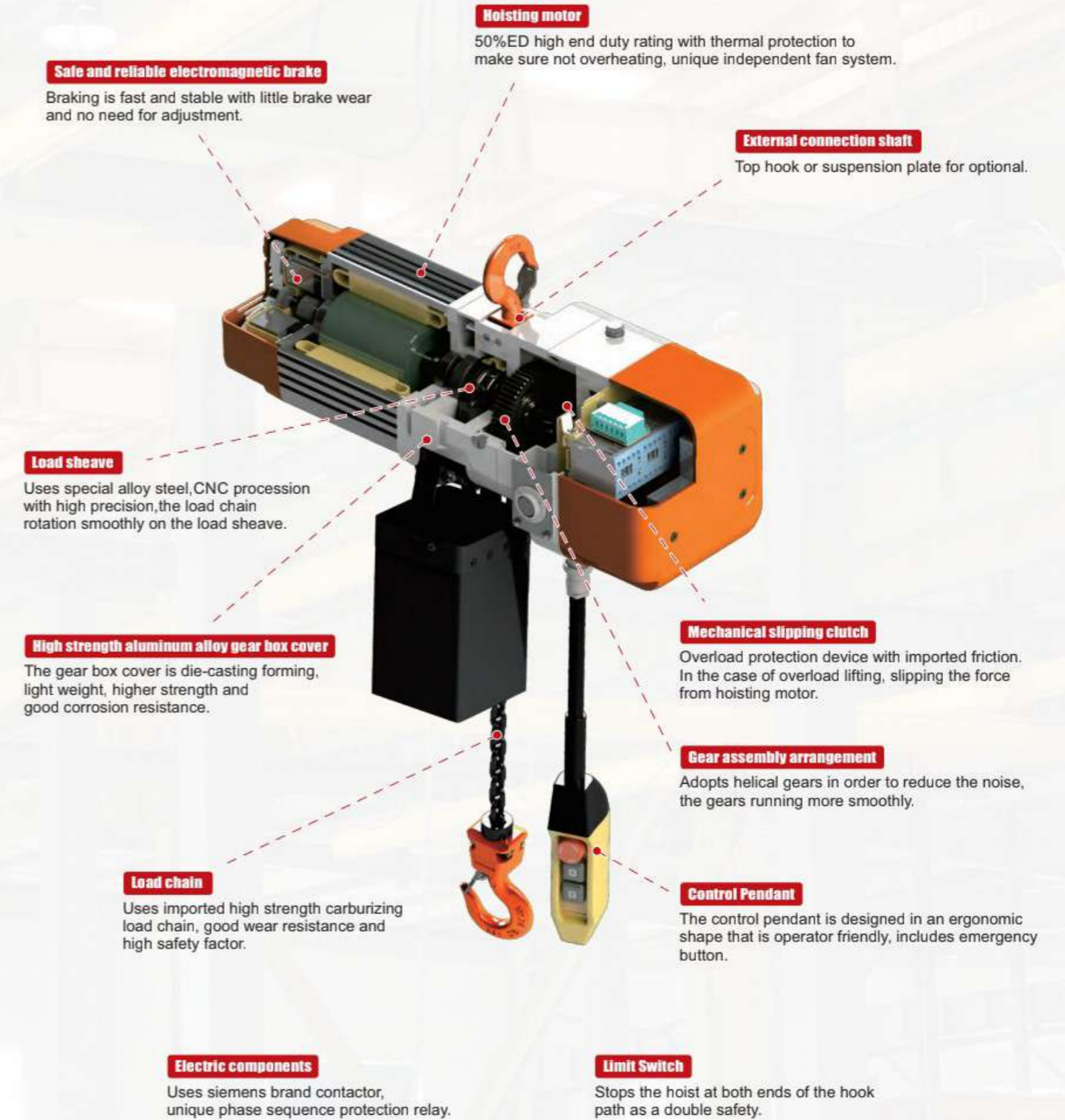
Capacity:	250kg - 32t
Voltage:	220V-415V 50/60Hz 3Ph 110V-220V 50/60Hz 1Ph
Control Voltage:	24V/48V/110V
Classification:	M5(ISO);2m(FEM);H4(ASME)
Protection Level:	Hoist Body -IP55,Control Pendant:IP65
Motor Insulation:	F
Connection Type:	Top Hook; Electric Trolley; Manual Trolley
Operating Temperature:	-20°C ~ +40°C
Operating Humidity:	≤ 85%

SHH Product Code

SHH-A 020 S 1

SHH-A	W/O electric trolley	003	250kg	S	single speed	1	1 chain falls
SHH-EC	W/ electric trolley	005	500kg	D	dual speeds	2	2 chain falls
SHH-L	W/ geared trolley	010	1t	H	dual speeds(fast)	3	3 chain falls
SHH-T	W/ plain trolley	020	2t			4	4 chain falls
SHH-D	low-headroom	030	3t				
		050	5t				
		075	7.5t				
		100	10t				

SHH SERIES



Load Chain Bucket

Model	Lifting Height	Capacity	Canvas Type					Steel Type
			≤3m	≤6m	≤9m	≤12m	≤15m	
SHH-A003	250kg	250kg	SC1	SC1	SC1	SC1	SC1	SC1
SHH-EC003			SC1	SC1	SC1	SC1	SC1	SC1
SHH-A-005			SC1	SC1	SC1	SC1	SC2	SC2
SHH-EC005	500kg	500kg	SC1	SC1	SC1	SC1	SC2	SC2
SHH-A010			SC1	SC1	SC2	SC3	SC3	SC3
SHH-EC010			SC1	SC1	SC2	SC3	SC3	SC3
SHH-A020	2t (2chains)	2t (2chains)	SC1	SC3	SC3	SC4	SC4	SS1
SHH-EC020			SC1	SC3	SC3	SC4	SC4	SS1
SHH-A020			SC3	SC3	SC3	SC4	SC4	SS2
SHH-EC020	2t (1chains)	2t (1chains)	SC3	SC3	SC3	SC4	SC4	SS2
SHH-A030			SC3	SC3	SC3	SC4	SC4	SS2
SHH-EC030			SC3	SC3	SC3	SC4	SC4	SS2
SHH-A050	3t	3t	SC3	SC3	SC3	SC4	SC4	SS2
SHH-EC050			SC3	SC3	SC3	SC4	SC4	SS2
SHH-A050	5t	5t	SC3	SC4	SS2	SS2	SS2	SS3
SHH-EC050			SC3	SC4	SS2	SS2	SS2	SS3

Hoist Classification

To choose an optional hoist the lifting capacity and also the classification group must be known. The classification group indicates the theoretical operation time of the mechanical components under full load:

Classification	ISO	M3	M4	M5	M6
		FEM	1Bm	1Am	2m
Total duration of use (h)	400	800	1600	3200	6300

If the hoist is operated as classified an actual operating time of around 1 years can be expected. After this period a general overhaul is necessary.

▼ How to calculate average operation time per day

$$\text{Average operation time per day (h)} = \frac{2 \times \text{lifting height (m)} \times \text{load cycles (1/h)} \times \text{working time (h/day)}}{60 \text{ (min/h)} \times \text{lifting speed (m/min)}}$$

lifting height:

The actual lifting height

Load cycles:

Number of cycles per hour

Working time:

Average daily working hours

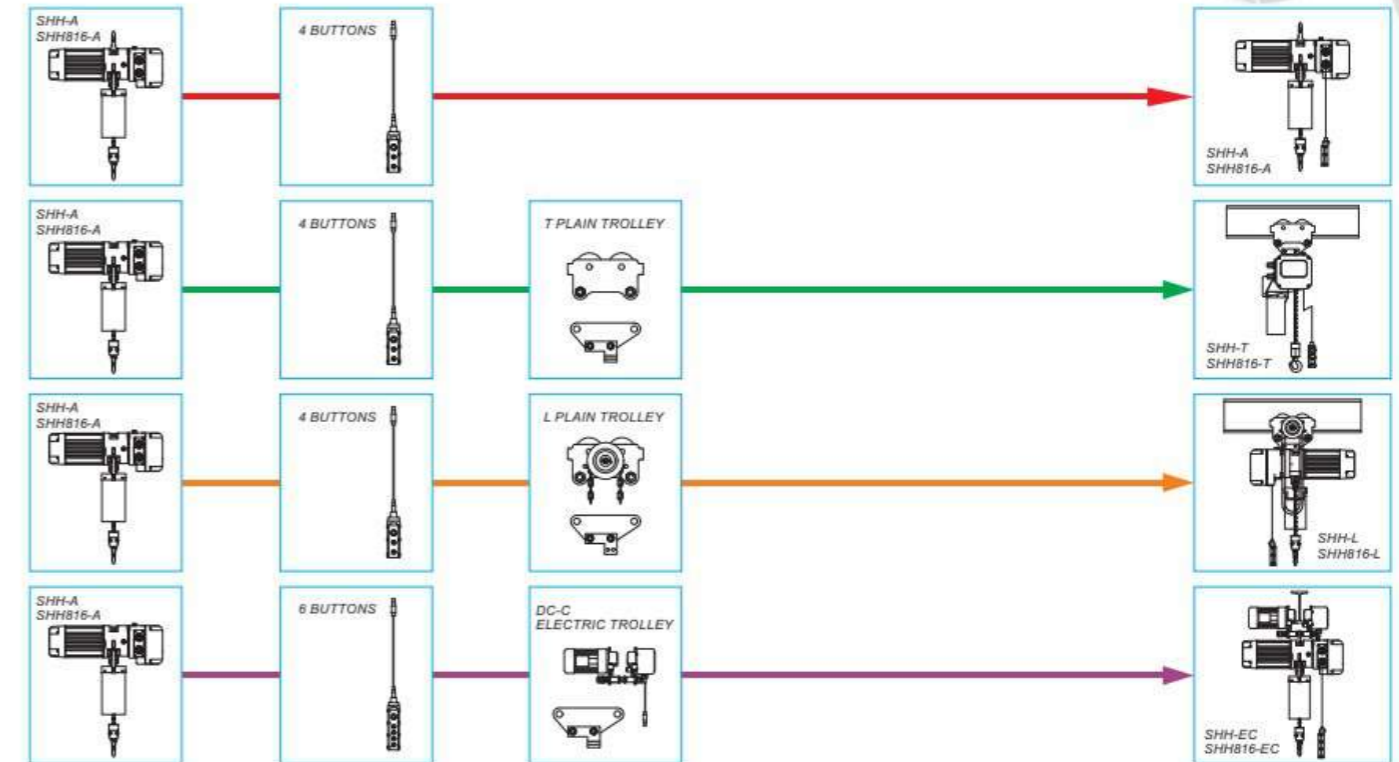
Lifting speed:

Lifting speed (normally the maximum lifting speed)

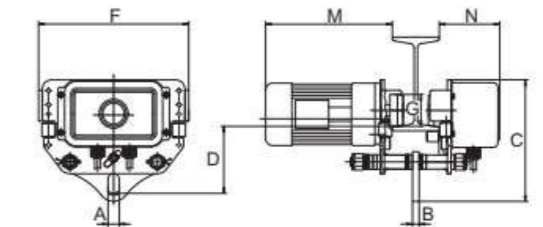
FEM Classification

Load Spectrum	Cubic Mean Value	Average Daily Operating Time (Hour)							
		≤0.12	≤0.25	≤0.5	≤1	≤2	≤4	≤8	≤16
L1	K ≤ 0.5	/	/	1Dm	1Cm	1Bm	1Am	2m	3m
L2	0.50 < K ≤ 0.63	/	1Dm	1Cm	1Bm	1Am	2m	3m	4m
L3	0.63 < K ≤ 0.80	1Dm	1Cm	1Bm	1Am	2m	3m	4m	5m
L4	0.80 < K ≤ 1.00	1Cm	1Bm	1Am	2m	3m	4m	5m	/

Product Configurations



DC-C ELECTRIC TROLLEY



Technical Parameter

Model	Capacity	Travelling Speed m/min	Trolley Motor Kw	Beam Flange mm	Net Weight Kg	A	B	C	D	F	G	M	N
DC-C010S	1t	13.5	0.2	74-140	26	24	14	260	145	340	Φ68	290	130
DC-C010D		20/6.7	0.2/0.067		33							336	
DC-C020S	2t	13.5	0.4	74-140	36	30	14	280	140	340	Φ75	315	132
DC-C020D		20/6.7	0.4/0.13		40							338	
DC-C030S	3t	13.5	0.4	100-170	52	36	16	340	210	370	Φ96	319	135
DC-C030D		18/6	0.4/0.13		56							338	
DC-C050S	5t	13.5	0.75	100-170	68	40	20	345	205	410	Φ110	359	135
DC-C050D		18/6	0.75/0.25		76							389	

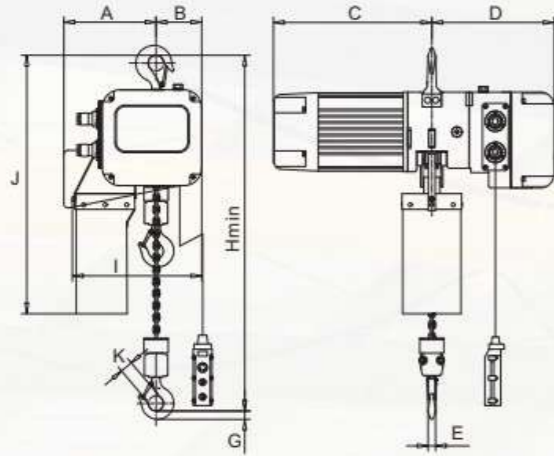
■ beam flange request is for optional.

■ single phase is for optional.

■ above parameter is for 380V~415V/50HZ/3PH standard.

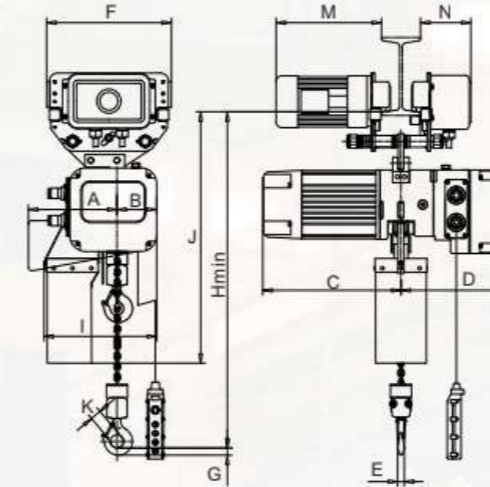
SHH-A

ELECTRIC CHAIN HOIST



SHH-EC

ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY



Technical Parameter

Model	Capacity	Classification FEM/ISO	Duty Rating %ED	Lifting Speed m/min	Lifting Motor Power Kw	Load Chain mm	Load Chain Falls	Net Weight kg
SHH-A003S1	250kg	2m/M5	50	7	0.9	Φ5x15	1	44
SHH-A003D1		33/17	7/2.3	0.9/0.3	52			
SHH-A003H1		1Am/M4	26/14	14/3.5	1.6/0.4			53
SHH-A005S1	500kg	2m/M5	50	7.6	0.9	Φ6.3x19	1	46
SHH-A005D1		33/17	7.6/2.5	0.9/0.3	54			
SHH-A005H1		1Am/M4	26/14	15/3.8	1.6/0.4			55
SHH-A010S1	1t	2m/M5	50	5	1.1	Φ8x24	1	50
SHH-A010D1		33/17	5/1.7	1.1/0.37	62			
SHH-A010H1		1Am/M4	26/14	10/2.5	2.2/0.55			61
SHH-A020S2	2t	2m/M5	50	2.5	1.1	Φ8x24	2	60
SHH-A020D2		33/17	2.5/0.9	1.1/0.37	73			
SHH-A020H2		1Am/M4	26/14	5/1.3	2.2/0.55			72
SHH-A020S1	2t	2m/M5	50	6.6	3.6	Φ10x30	1	100
SHH-A020D1		33/17	6.6/2.2	3.6/1.2	122			
SHH-A030S1		50	6	3.6	102			
SHH-A030D1	3t	2m/M5	33/17	6/2	3.6/1.2	Φ11.2x34	1	124
SHH-A050S2		50	3	3.6	124			
SHH-A050D2		33/17	3/1	3.6/1.2	146			

Model	Capacity	Hmin	A	B	C	D	E	G	I	J	K
SHH-A003S1	250kg	400	200	102	302	307	18	22	295	610	27
SHH-A003D1	250kg	400	200	102	334	307	18	22	295	610	27
SHH-A003H1	250kg	400	200	102	354	307	18	22	295	610	27
SHH-A005S1	500kg	410	200	102	302	307	18	22	295	610	27
SHH-A005D1	500kg	410	200	102	334	307	18	22	295	610	27
SHH-A005H1	500kg	410	200	102	354	307	18	22	295	610	27
SHH-A010S1	1t	460	200	102	302	307	20	25	295	630	31
SHH-A010D1	1t	460	200	102	354	307	20	25	295	630	31
SHH-A010H1	1t	460	200	102	484	307	20	25	295	630	31
SHH-A020S2	2t	700	243	59	302	307	27	43	295	690	38
SHH-A020D2	2t	700	243	59	354	307	27	43	295	690	38
SHH-A020H2	2t	700	243	59	484	307	27	43	295	690	38
SHH-A020S1	2t	640	243	165	358	336	27	43	460	780	38
SHH-A020D1	2t	640	243	165	451	336	27	43	460	780	38
SHH-A030S1	3t	640	243	165	358	336	27	43	460	780	38
SHH-A030D1	3t	640	243	165	451	336	27	43	460	780	38
SHH-A050S2	5t	910	298	110	358	336	35	51	460	870	52
SHH-A050D2	5t	910	298	110	451	336	35	51	460	870	52

- beam flange request is for optional.
- single phase is for optional.
- above parameter is for 380V~415V/50HZ/3PH standard.

Technical Parameter

Model	Capacity	Classification FEM/ISO	Duty Rating %ED	Lifting Speed m/min	Lifting Motor Power Kw	Load Chain mm	Load Chain Falls	Traveling Speed m/min	Traveling Motor Power Kw	Beam Flange mm	Net Weight kg
SHH-EC003S1	250kg	2m/M5	50	7	0.9	Φ5x15	1	13.5	0.2	74-140	71
SHH-EC003D1		33/17	7/2.3	0.9/0.3	20/6.7			0.2/0.067	95		
SHH-EC003H1		1Am/M4	26/14	14/3.5	1.6/0.4			20/6.7	0.2/0.067	96	
SHH-EC005S1	500kg	2m/M5	50	7.6	0.9	Φ6.3x19	1	13.5	0.2	74-140	72
SHH-EC005D1		33/17	7.6/2.5	0.9/0.3	20/6.7			0.2/0.067	96		
SHH-EC005H1		1Am/M4	26/14	15/3.8	1.6/0.4			20/6.7	0.2/0.067	97	
SHH-EC010S1	1t	2m/M5	50	5	1.1	Φ8x24	1	13.5	0.2	74-140	76
SHH-EC010D1		33/17	5/1.7	1.1/0.37	20/6.7			0.2/0.067	100		
SHH-EC010H1		1Am/M4	26/14	10/2.5	2.2/0.55			20/6.7	0.2/0.067	99	
SHH-EC020S2	2t	2m/M5	50	2.5	1.1	Φ8x24	2	13.5	0.4	74-140	97
SHH-EC020D2		33/17	2.5/0.9	1.1/0.37	20/6.7			0.4/0.13	111		
SHH-EC020H2		1Am/M4	26/14	5/1.3	2.2/0.55			20/6.7	0.4/0.13	110	
SHH-EC020S1	2t	2m/M5	50	6.6	3.6	Φ10x30	1	13.5	0.4	100-170	152
SHH-EC020D1		33/17	6.6/2.2	3.6/1.2	18/6			0.4/0.13	178		
SHH-EC030S1		50	6	3.6	13.5			0.4	154		
SHH-EC030D1	3t	2m/M5	33/17	6/2	3.6/1.2	Φ11.2x34	1	18/6	0.4/0.13	100-170	180
SHH-EC050S2		50	3	3.6	13.5			0.75	192		
SHH-EC050D2		33/17	3/1	3.6/1.2	18/6			0.75/0.25	222		

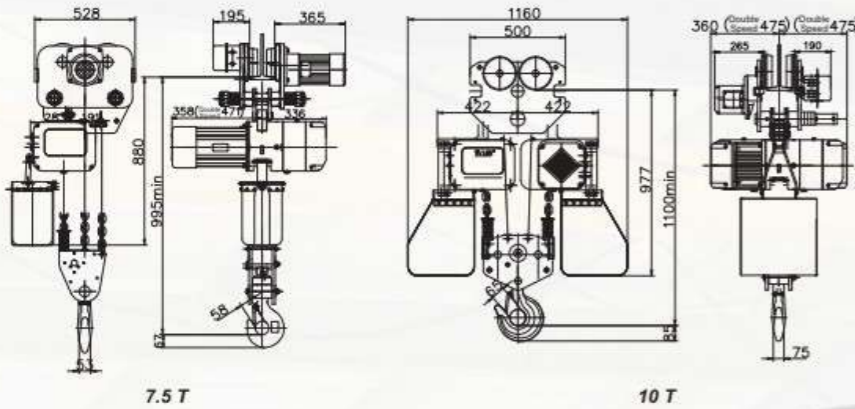
Model	Capacity	Hmin	A	B	C	D	E	F	G	I	J	K	M	N
SHH-EC003S1	250kg	476	200	102	302	273	18	320	22	295	690	27	290	130
SHH-EC003D1	250kg	476	200	102	334	273	18	320	22	295	690	27	336	130
SHH-EC003H1	250kg	476	200	102	354	273	18	320	22	295	690	27	336	130
SHH-EC005S1	500kg	476	200	102	302	273	18	320	22	295	690	27	290	130
SHH-EC005D1	500kg	476	200	102	334	273	18	320	22	295	690	27	336	130
SHH-EC005H1	500kg	476	200	102	354	273	18	320	22	295	690	27	336	130
SHH-EC010S1	1t	506	200	102	302	273	20	320	25	295	690	31	290	130
SHH-EC010D1	1t	506	200	102	354	273	20	320	25	295	690	31	336	130
SHH-EC010H1	1t	506	200	102	484	273	20	320	25	295	690	31	336	130
SHH-EC020S2	2t	678	243	59	302	273	27	320	43	295	690	38	315	132
SHH-EC020D2	2t	678	243	59	354	273	27	320	43	295	690	38	338	132
SHH-EC020H2	2t	678	243	59	484	273	27	320	43	295	690	38	338	132
SHH-EC020S1	2t	670	243	165	358	336	27	370	43	460	810	38	319	135
SHH-EC020D1	2t	670	243	165	451	336	27	370	43	460	810	38	338	135
SHH-EC030S1	3t	670	243	165	358	336	27	370	43	460	810	38	319	135
SHH-EC030D1	3t	670	243	165	451	336	27	370	43	460	810	38	338	135
SHH-EC050S2	5t	890	298	110	358	336	35	410	51	460	830	52	359	135
SHH-EC050D2	5t	890	298	110	451	336	35	410	51	460	830	52	389	135

- beam flange request is for optional.
- single phase is for optional.
- above parameter is for 380V~415V/50HZ/3PH standard.

SHH-A/EC

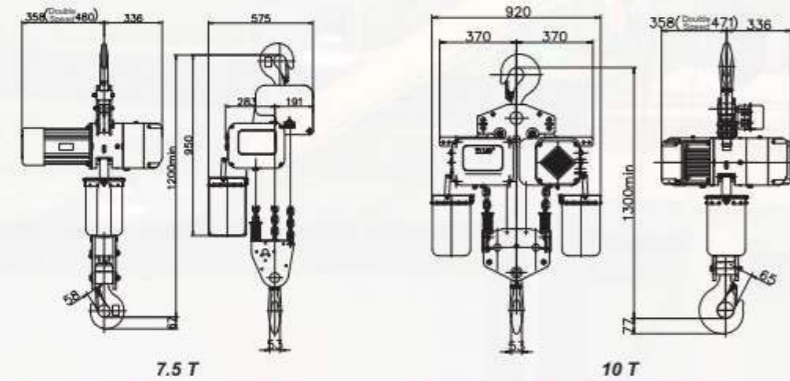
ISO9001
ISO14001

ELECTRIC CHAIN HOIST
ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY



Technical Parameter

Model	Capacity	Classification FEM/ISO	Lifting Speed m/min	Lifting Motor Power Kw	Traveling Speed m/min	Traveling Motor Power Kw	Load Chain mm	Load Chain Falls
SHH-EC075S3	7.5t	2m/M5	2	3.6	11	0.75	Φ11.2x34	3
SHH-EC075D3	7.5t	2m/M5	2/0.6	3.6/1.2	11	0.75	Φ11.2x34	3
SHH-EC100S4	10t	1Am/M4	3	2x3.6	11	0.75	Φ11.2x34	4
SHH-EC100D4	10t	1Am/M4	3/1	2x3.6/1.2	11	0.75	Φ11.2x34	4



Model	Capacity	Classification FEM/ISO	Lifting Speed m/min	Lifting Motor Power Kw	Load Chain mm	Load Chain Falls
SHH-A075S3	7.5t	2m/M5	2	3.6	Φ11.2x34	3
SHH-A075D3	7.5t	2m/M5	2/0.6	3.6/1.2	Φ11.2x34	3
SHH-A100S4	10t	1Am/M4	3	2x3.6	Φ11.2x34	4
SHH-A100D4	10t	1Am/M4	3/1	2x3.6/1.2	Φ11.2x34	4

- beam flange request is for optional.
- single phase is for optional.
- above parameter is for 380V~415V/50HZ/3PH standard.

» Shell: it is made of light aluminum alloy shell, light but hard. The cooling fan is specially designed to ensure quick heat dissipation with the rate up to 40% and continuous service. The integral enclosed structure is applicable to places like chemical plant and electroplate factory.

» Side magnetic braking device: The magnetic force generator is the latest design which is featured for generating magnetic force. It allows instant brake as soon as the electric power is cut off. Thus the braking safety while loading is guaranteed.

» Limit switch: The limit switch is installed where the weight is lifted on and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety.

» Chain: The chain shall adopt the imported FEC80 ultra heat-treatable aluminum alloy chain. It can be safely used in poor environments such as rain, sea water and chemicals.

» Hook: it is hot forging with perfect strength that is hard to break. The operation safety of the lower hook is ensured by its 360 degrees rotation and safety tongue piece.

» Standard Fittings Chain bag(1) Control cable(3m) Push-button switch(1)

» Support frame: The loading support frame consists of two steel plates, which is extremely sturdy.

» Transformer: 24V/36V transformer device. This device is used to prohibit unexpected accidents caused by electric leakage and guarantees the safe use while raining.

» Electromagnetic contactor: Electromagnetic contactor can be used safely under high frequency.

» Mechanical braker Dual braking system is safe and reliable.

» Inverse phase sequence protecting device: it is the special electrical installation which controls the circuit not to work in case of wiring error in the power supply.

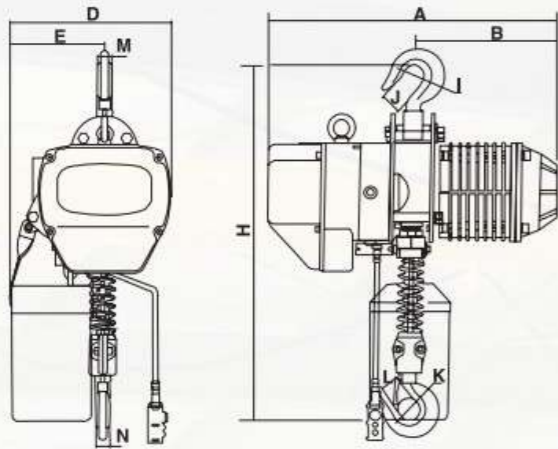
» Push button: Waterproof push button is applied. It is light and durable.



SHK-A

ELECTRIC CHAIN HOIST

CE ISO9001
ISO14001



Technical Parameter

Model	Capacity	Classification FEM/ISO	Duty Rating %ED	Lifting Speed m/min	Lifting Motor Power Kw	Load Chain mm	Load Chain Falls	Net Weight kg
SHK-A005S1	500kg	1Am/M4	30	7.2	1.1	6.3	1	47
SHK-A005D1			20/10	7.2/2.4	1.1/0.37			54
SHK-A010S1	1t	1Am/M4	30	6.8	1.5	7.1	1	65
SHK-A010D1			20/10	6.8/2.3	1.5/0.5			75
SHK-A020S2	2t	1Am/M4	30	3.4	1.5	7.1	2	73
SHK-A020D2			20/10	3.4/1.1	1.5/0.5			83
SHK-A020S1	2t	1Am/M4	30	6.6	3.0	10	1	108
SHK-A020D1			20/10	6.6/2.2	3.0/1.0			128
SHK-A030S2	3t	1Am/M4	30	3.3	3.0	10	2	131
SHK-A030D2			20/10	3.3/1.1	3.0/1.0			151
SHK-A030S1	3t	1Am/M4	30	5.6	3.0	11.2	1	115
SHK-A030D1			20/10	5.6/1.8	3.0/1.0			135
SHK-A050S2	5t	1Am/M4	30	2.8	3.0	11.2	2	145
SHK-A050D2			20/10	2.8/0.9	3.0/1.0			165

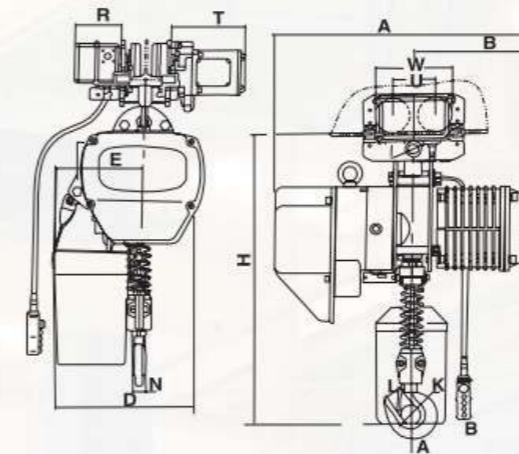
Model	Capacity	Hmin	A	B	D	E	I	J	K	L	M	N
SHK-A005S1	500kg	530	460	230	288	165	31	29	31	29	20	20
SHK-A005D1			545	260								
SHK-A010S1	1t	650	520	260	300	176	42	32	42	32	24	24
SHK-A010D1			582	280								
SHK-A020S2	2t	835	520	260	300	236	49	40	49	40	30	30
SHK-A020D2			582	280								
SHK-A020S1	2t	800	615	295	430	265	49	40	49	40	30	30
SHK-A020D1			670	313								
SHK-A030S2	3t	950	615	295	430	320	59	48	59	48	35	35
SHK-A030D2			670	313								
SHK-A030S1	3t	845	615	295	430	265	59	48	59	48	35	35
SHK-A030D1			670	313								
SHK-A050S2	5t	1030	615	295	430	325	60	48	60	48	43	43
SHK-A050D2			670	313								

- beam flange request is for optional.
- single phase is for optional.
- above parameter is for 380V~415V/50HZ/3PH standard.

SHK-AM

ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY

CE ISO9001
ISO14001



Technical Parameter

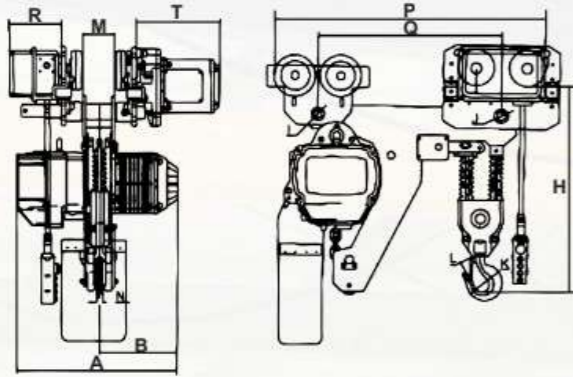
Model	Capacity	Classification FEM/ISO	Duty Rating %ED	Lifting Speed m/min	Lifting Motor Power Kw	Traveling Speed m/min	Traveling Motor Power Kw	Beam Flange mm	Load Chain mm	Load Chain Falls	Net Weight kg
SHK-AM005S1	500kg	1Am/M4	30	7.2	1.1	11	0.4	75 - 178	6.3	1	83
SHK-AM005D1			20/10	7.2/2.4	1.1/0.37						90
SHK-AM010S1	1t	1Am/M4	30	6.8	1.5	11	0.4	75 - 178	7.1	1	101
SHK-AM010D1			20/10	6.8/2.3	1.5/0.5						111
SHK-AM020S2	2t	1Am/M4	30	3.4	1.5	11	0.4	82 - 178	7.1	2	116
SHK-AM020D2			20/10	3.4/1.1	1.5/0.5						126
SHK-AM020S1	2t	1Am/M4	30	6.6	3.0	11	0.4	82 - 178	10	1	153
SHK-AM020D1			20/10	6.6/2.2	3.0/1.0						171
SHK-AM030S2	3t	1Am/M4	30	3.3	3.0	11	0.75	100 - 178	10	2	205
SHK-AM030D2			20/10	3.3/1.1	3.0/1.0						225
SHK-AM030S1	3t	1Am/M4	30	5.6	3.0	11	0.75	100 - 178	11.2	1	189
SHK-AM030D1			20/10	5.6/1.8	3.0/1.0						209
SHK-AM050S2	5t	1Am/M4	30	2.8	3.0	11	0.75	112 - 178	11.2	2	221
SHK-AM050D2			20/10	2.8/0.9	3.0/1.0						241

Model	Capacity	Hmin	A	B	D	E	I	K	L	N	W	U	R	T
SHK-AM005S1	500kg	635	460	230	288	165	31	31	29	20	180	100	140	159
SHK-AM005D1			545	260										
SHK-AM010S1	1t	650	520	260	300	176	42	32	42	24	207	113	142	231
SHK-AM010D1			582	280										
SHK-AM020S2	2t	815	520	260	300	236	36	49	40	30	237	127	142	231
SHK-AM020D2			582	280										
SHK-AM020S1	2t	770	615	295	430	265	36	49	40	30	237	127	142	231
SHK-AM020D1			670	313										
SHK-AM030S2	3t	930	615	295	430	320	43	59	48	35	265	140	142	231
SHK-AM030D2			670	313										
SHK-AM030S1	3t	830	615	295	430	265	43	59	48	35	265	140	142	231
SHK-AM030D1			670	313										
SHK-AM050S2	5t	1015	615	295	430	325	54	60	48	43	296	156	142	231
SHK-AM050D2			670	313										

- beam flange request is for optional.
- single phase is for optional.
- above parameter is for 380V~415V/50HZ/3PH standard.

SHK-D

LOW-HEADROOM
ELECTRIC CHAIN HOIST



Technical Parameter

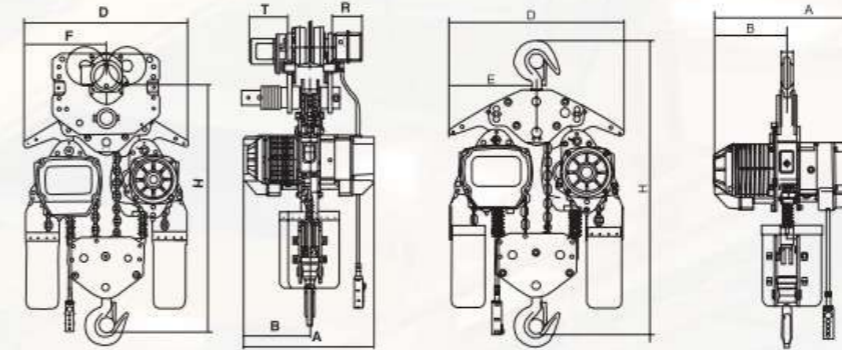
Model	Capacity	Classification FEM/ISO	Duty Rating %ED	Lifting Speed m/min	Lifting Motor Power Kw	Traveling Speed m/min	Traveling Motor Power Kw	Beam Flange mm	Load Chain mm	Load Chain Falls	Net Weight kg
SHK-D005S1	500kg	1Am/M4	30	7.2	1.1	11	0.4	75-125	6.3	1	83
SHK-D005D1			20/10	7.2/2.4	1.1/0.37						90
SHK-D010S1	1t	1Am/M4	30	6.8	1.5	11	0.4	75-178	7.1	1	101
SHK-D010D1			20/10	6.8/2.3	1.5/0.5						111
SHK-D020S2	2t	1Am/M4	30	3.4	1.5	11	0.4	82-178	7.1	2	116
SHK-D020D2			20/10	3.4/1.1	1.5/0.5						126
SHK-D020S1	2t	1Am/M4	30	6.6	3.0	11	0.4	82-178	10	1	153
SHK-D020D1			20/10	6.6/2.2	3.0/1.0						171
SHK-D030S2	3t	1Am/M4	30	3.3	3.0	11	0.75	100-178	10	2	205
SHK-D030D2			20/10	3.3/1.1	3.0/1.0						225
SHK-D030S1	3t	1Am/M4	30	5.6	3.0	11	0.75	100-178	11.2	1	189
SHK-D030D1			20/10	5.6/1.8	3.0/1.0						209
SHK-D050S2	5t	1Am/M4	30	2.8	3.0	11	0.75	112-178	11.2	2	221
SHK-D050D2			20/10	2.8/0.9	3.0/1.0						241

Model	Capacity	Hmin	A	B	P	Q	I	J	R	M	T
SHK-D005S1	500kg	440	460	230	585	400	Φ27	Φ31	142	49	231
SHK-D005D1			545	260							
SHK-D010S1	1t	480	520	260	630	445	Φ27	Φ31	142	56	231
SHK-D010D1			582	280							
SHK-D020S2	2t	570	520	260	720	505	Φ31	Φ36	142	66	231
SHK-D020D2			582	280							
SHK-D020S1	2t	535	615	295	665	444.5	Φ31	Φ36	142	56	231
SHK-D020D1			670	313							
SHK-D030S2	3t	640	615	295	775	526	Φ36	Φ43	142	73	231
SHK-D030D2			670	313							
SHK-D030S1	3t	685	615	295	750	503	Φ36	Φ43	142	66	231
SHK-D030D1			670	313							
SHK-D050S2	5t	740	615	295	825	541	Φ43	Φ54	142	73	231
SHK-D050D2			670	313							

- beam flange request is for optional.
- single phase is for optional.
- above parameter is for 380V~415V/50HZ/3PH standard.

SHK-A/AM

ELECTRIC CHAIN HOIST
ELECTRIC CHAIN HOIST WITH ELECTRIC TROLLEY



Technical Parameter

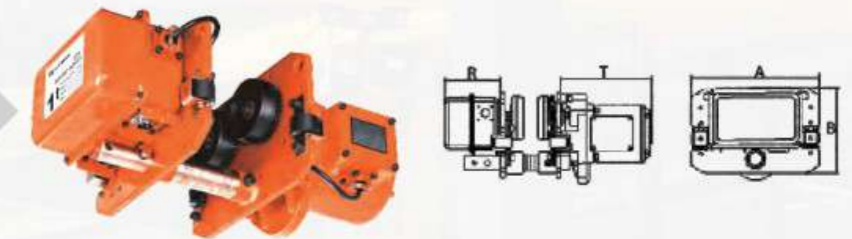
Model	Capacity	Classification FEM/ISO	Duty Rating %ED	Lifting Speed m/min	Lifting Motor Power Kw	Traveling Speed m/min	Traveling Motor Power Kw	Beam Flange mm	Load Chain mm	Load Chain Falls	Net Weight kg
SHK-A100S4	10t	1Am/M4	30	2.8	2×3	/	/	/	Φ11.2x 34	4	300
SHK-A100D4			20/10	2.8/0.9	2×3/1						360
SHK-AM100S4	10t	1Am/M4	30	2.8	2×3	11	0.75	150-220	Φ11.2x 34	4	438
SHK-AM100D4			20/10	2.8/0.9	2×3/1						498

Model	Capacity	Hmin	A	B	D	E	R	T
SHK-A100S4	10t	1400	630	315	890	445	/	/
SHK-A100D4			670	388				
SHK-AM100S4	10t	1190	630	315	890	445	142	231
SHK-AM100D4			670	388				

- beam flange request is for optional.
- single phase is for optional.
- above parameter is for 380V~415V/50HZ/3PH standard.

DC-D

ELECTRIC TROLLEY



Technical Parameter

Model	Capacity	Travelling Speed m/min	Trolley Motor Kw	Beam Flange mm	Net Weight Kg	A	B	R	T
DC-D010	1t	11	0.4	75-178	36	315	205	142	231
DC-D020	2t	11	0.4	82-178	45	325	217	142	231
DC-D030	3t	11	0.75	100-178	54	340	250	142	231
DC-D050	5t	11	0.75	112-178	76	400	291	142	231

F24 SERIES TRANSMITTER

Safe, reliable, functional, operational



MODEL: F24-6S/D-TX
ITEM CODE: 924-006-001
Dimension: 156 x 61 x 51 mm
Weight: 255g (without batteries)

MODEL: F24-8S/D-TX
ITEM CODE: 924-008-001
Dimension: 186 x 61 x 51 mm
Weight: 280g (without batteries)

MODEL: F24-10S/D-TX
ITEM CODE: 924-010-001
Dimension: 186 x 61 x 51 mm
Weight: 280g (without batteries)

MODEL: F24-12S/D-TX
ITEM CODE: 924-012-001
Dimension: 186 x 61 x 51 mm
Weight: 280g (without batteries)



Product features

- 7-12 buttons (D means double steps), STOP, START, spare buttons
- Up to 20 control contacts
- With battery voltage warning device, the power supply is cut off during low power
- Safety switch key is to prevent from unauthorized user
- Program the button function by computer interface
- Up/down, east/west, south/north can be programmed to interlock or non-interlock
- Power key can be programmed to start, toggle switch, normal or other functions
- The spare buttons can be programmed to normal, interlock, toggle or start, etc

Transmitter Parameters: F24-TX

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310-331MHz; UHF: 425-446MHz
Transmitter power	≤10dBm
Transmitter power supply	2 AA batteries
Safety code	32 bits (4.3 billion)
Temperature range	-40°C~+85°C
Control distance	Approx 100m (200 meters is customized)

Standard Configuration

- One transmitter (with hanging belt)
- One dust bag
- One receiver
- Receiver is with 1.6 meter cable
- Battery: one pair
- One receive antenna
- Operation and maintenance manual

Safety features

Each radio remote control system functions in all manner of operational conditions equipped with their own unique identity code (ID-code). This means that only the correct control unit can activate and control its matching receiver (crane/machine) for maximum safety.



F24 SERIES RECEIVER

MODEL: F24-RXC
ITEM CODE: 924-100-102-112
Dimension: 210x162x107mm
Weight: 1220g



F24 series remote control system have 80 channels in its frequency range. Even in situation where many sets of remote control are used in the same time, working channel can be easily chose without interfering with other signals and hundred-percent safe and reliable. With advanced design and high quality components, the system is durable and easy to operate. It can easily adapt to complicated and harsh industrial environments such as extra-high/low temperature, dusty, strong vibration, greasy, heavy humidity, etc.

Transmitter and receiver have many functions used in conjunction. The emergency stop button is located in the upper left of transmitter which meets the safety and ergonomics. When stop button is pressed, the system stop working immediately and unconditionally. Transmitter is equipped with a shell of more consistent with ergonomics. The new shell material is more durable, lighter and thinner.

There are 30 types of different configurations based on customer's requirements. Maximum 20 control contacts are sufficient to meet most of requirements. The technique, function, security and flexibility satisfy all your requirements. It is the most advanced remote control system.

Receiver Parameters: F24-RXC

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310-331MHz; UHF: 425-446MHz
Receiver sensitivity	-110dBm
Receiver power supply	18-65V AC/DC, 65-440V AC/DC (optional)
Output contactor capacity	8A sealed relay output (with AC 250V/10A relays, 10A fuse)
Control distance	Approx 100m (200 meters is customized)
Safety code	32 bits (4.3 billion)
Temperature range	-40°C~+85°C



Standard antenna interface optional enhanced antenna



The on/off switch on the transmitter is to prevent from being used by the unauthorized persons.



Dual switch power supply

Application:

The heavy industrial machinery, such as lifting machinery, crane, hydraulic crane, concrete pump, roller coaster, mining machinery, hoist, truck crane, dump truck, lifting locomotive, lifting machine etc



F26 SERIES TRANSMITTER

elligent, flexible, safe, reliable



MODEL: F26-A-TX
ITEM CODE: 926-010-101
Dimension: 186x 61 x 51 mm
Weight: 255g(without batteries)

MODEL: F26-B-TX
ITEM CODE: 926-012-101
Dimension: 186x 61 x 51 mm
Weight: 255g(without batteries)

MODEL: F26-C-TX
ITEM CODE: 926-006-101
Dimension: 156 x 61 x 51 mm
Weight: 255g(without batteries)

Product features

- 7-11 buttons, stop and spare button
- Up to 18 control contacts
- With battery voltage warning device, the power supply is cut off during low power
- Program the button function by computer interface
- Up/down, east/west, south/north can be programmed to interlock or non-interlock
- Start key can be programmed to start, toggle switch, normal or other functions
- The spare buttons can be programmed to start, toggle, interlock or normal, etc

Transmitter Parameters: F26-TX

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331MHz; UHF: 425~446MHz
Transmitter power	≤10dBm
Transmitter power supply	2 AA batteries
Safety code	32 bits (4.3 billion)
Temperature range	-40°C~+85°C
Control distance	Approx 100m (200 meters is customized)

Standard Configuration

- One transmitter (with hanging belt)
- One dust bag
- One receiver
- Receiver is with 1.6 meter cable
- Battery: one pair
- One receive antenna
- Operation and maintenance manual

Dual power supply:

Focus on power supply module for thirteen years, the power supply is more stable and energy saving. It is with dual power supply, AC/DC 18-65V and 65-440v which can be switched by user.



F26 SERIES RECEIVER

MODEL: F26-RXC
ITEM CODE: 923-100-012
Dimension: 168x166x93mm
Weight: 780g



The frequency range for F26 series remote control system is 315MHz and 433MHz. With narrowband FM method, it has 80 channels. Even in situation where many sets of remote control are used in the same time, working channel can be easily chose without interfering with other signals and hundred-percent safe and reliable. It is the choice for vehicle equipments, winches, cranes, and other remote controls. With advanced design and high quality components, the system is durable and easy to operate.

F26 series remote control system can easily adapt to complicated and harsh industrial environments such as extra-high/low temperature, dusty, strong vibration, greasy, heavy humidity, etc. An emergency stop button is located in the upper left of transmitter which meets the safety and principle of human body engineering. When stop button is pressed, the system stop working immediately and unconditionally. Transmitter is in accordance with EN954-1, 3 safety standard. Transmitter is equipped with a shell of more consistent with human body engineering. The new shell material is more durable, lighter and thinner.

Receiver Parameters: F26-RXC

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331MHz; UHF: 425~446MHz
Receiver sensitivity	-110dBm
Receiver power supply	18-65V AC/DC, 65-440V AC/DC (optional)
Output contactor capacity	8A sealed relay output (with AC 250V/10A relays, 10A fuse)
Control distance	Approx 100m (200 meters is customized)
Safety code	32 bits (4.3 billion)
Temperature range	-40°C~+85°C

Model Name Function Description

Model Name	Function Description
F26-A1	Eight single-speed buttons
F26-A2	The first two buttons are double speed and others are single speed.
F26-A3	Eight two-speed buttons
F26-B1	Ten single-speed buttons
F26-B2	The first two buttons are double speed and others are single speed
F26-B3	Ten two-speed buttons
F26-C1	The first two buttons are double speed and others are single speed.
F26-C2	The first four buttons are double speed and others are single speed.
F26-C3	Six two-speed buttons

Application:

MD double-speed electric hoist or double-speed, double-hook/single-speed crane and industrial remote control with 18 contacts or less.

