



“Make it easier to lift”

Thai Crane Kits Co., Ltd. is located in Bangpakong, Chachoengsao Province, Thailand. We produce electric chain hoists using modern technology double speeds inverter drive with complete lifting features, strong, durable, safety, energy safe, less service and reliable quality under the brand name "TCK".

"TCK" electric chain hoists are designed for up-down lifting and left-right driving with double speeds using a new improved inverter technology system to control the up-down lifting and left-right driving, increasing torque, smoothness, reducing wear and tear on gears, chain sprocket, chain guides, chains, clutch plates, brake pads and reducing electrical energy consumption. It is supplemented with modern, stable semiconductor chip technology, helping to control the operation with high precision and added 5 safeties protection systems. (Overload, Overheating, Undervoltage, Overvoltage, Overcurrent)

The design of the modern electric chain hoist has the characteristics of a new design, beautiful appearance, compact size by producing an aluminum casting gear room structure using CNC machinery, making the structure strong and durable, light weight, and fast heat dissipation. Helical gears are made of high quality steel using a hard gear tooth milling machine, immersed in an oil bath, low noise, reducing wear and tear, strong torque, durable, long service life. We also choose special grade alloy steel that is strong and wear-resistant to make a chain sprocket to drive the chain to lift up-down. Also we used the "RUD" chain imported from Germany. And high quality alloy steel forged hook with safety latch, 360° rotation freely hook. These makes the TCK electric chain hoist product have the highest safety and reliability.

Our research and development team continues to study and find new knowledge. Coupled with long experience and bring new innovative technology to develop products to be even better. and we promise that our company will create products with the highest quality. But can provide the most competitive price and superior after-sales service for customers at the same time, we also hope that we will cooperate with every customer sincerely. With the best service from our sales and service team.



ELECTRIC CHAIN HOISTS



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ELECTRIC CHAIN HOISTS

ELECTRIC CHAIN HOIST



The TCK electric chain hoist is a light and small lifting device. The structure is very compact, the body is made of high - light aluminum alloy material, lowed temperature small size, easy to use and maintain, and the whole machine is maintenance - free for 6 years. It can be installed on single girder cranes or on I-beam or H-beam. It can also be fixed on the load - bearing structure (optional) and can be used for lifting with the simple gantry or the electric hoist fixed installation hoist.

The working environment temperature of this product is $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$, it is not intended for use in locations where there are a risk of explosion, fire, acid or other corrosive gases and a humidity greater than 85%. Not allowed to carry people. Operation should be carried out in strict accordance with GB6067-1985 (Safety Regulations for Hoisting Machinery) If used in an open space or outdoor protective equipment should be provided to protect it from moisture.

Safety standard

All TCK electric chain hoists are in strict accordance with EU management and coordination standards, The BGV D8 Accident Prevention Regulations and German Equipment Safety Regulations are designed and manufactured, and have obtained China Special Equipment Type Test Certificate.



"TCK" Electric chain hoist for "CHV" model.

Each electric chain hoist CHV models are equipped with double speeds using inverter drive system. The electric trolley is equipped with dual speeds using inverter drive system. The speed setting at ratio 1 : 4 times and the speed of CHV - K025 is up to 8 m./min.

Hanging ear

The movable suspension lug design facilitates the installation and movement of the hoist move, while ensuring that the hoist is fixed in one direction. If there are no hanging lugs, the hoist can be fixed in other ways. This will reduce the net space of the gap and increase the lifting height.

Motor and gearbox

The standardized design of the motor and gearbox provides a wider range of hoists lifting speed, all motors are made in a squirrel cage structure and are equipped with four poles coil, The gearbox is compressed separately. This design makes easy to install and repair, the gearbox self - lubricating allows the gearbox wheels and bearings to travel more smoothly.



Hoist and trolley brake

DC Electromagnetic disc brake, safety factor of 2, asbestos free brake linings, Class F 155°C High precision, strong and durable brake suction, low noise, corrosion resistance, good sealing performance enable the entire brake system to have a long service, low maintenance, the brake can be used more than 1 million times.



Overload protection device

The frictional load-lifting overload protection plate ensures reliable protection of clutch torque and easy to adjust the point from the outside housing. The special lining design greatly reduces the grinding. The damage rate keeps the entire loading at a high level of safety. And easy to adjust the point from the outside.



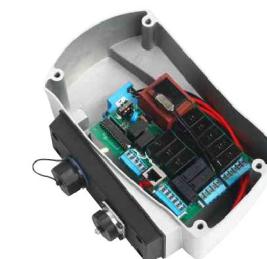
Rotary hook

The hook is designed to be rotate 360° Ergonomic design for a strong shape with safety latch. The hook forged from high quality alloy steel according to DIN 15401 It ensures strength, safety and reliability.



Chain system

The feeding system consists of a high - alloy strip, a guide and a guide chain. Both the chain guide and the guide chain are standardized and easy to replace. Save time and money. The special high destruction "RUD" brand Germany imported chain with alloy plating makes the life of the strip more long, safer and more reliable.



5V electronic control system

"TCK" Electronic control system uses wear - free semiconductor technology, phase more space and weight than electromechanical components.



Frequency converter

The control performance is greatly improved, the start and stop are more stable, and it can adapt to different grid conditions, the safety performance is improved, and the energy saving effect is significant and added 5 safeties protection systems. (Overload, Overheating, Undervoltage, Overvoltage, Overcurrent)



Connection plug and socket standard components

The "Weipu" brand, connection plug and socket between the power supply and the control unit is based on the standard components of plug and socket. The "Weipu" brand, connection is stronger, and the installation work is greatly simplified, saving time and effort. No wiring errors. In the future maintenance work, it also mentions, provided for safe and convenient conditions.



Electric control cable

The special structure design makes the 8 cores evenly stressed and more flexible. The electric control cable core is additionally provided with two - wires steel wire rope tensile load bearing. Thanks to the excellent performance of the PVC sheath, it has more tensile and tear strength than ordinary rubber materials, while maintaining softness. The minimum bending radius of cable is : 10xD. Hanging with the 304 stainless steel quick buckle ensures connection strength.



Pendant switch control

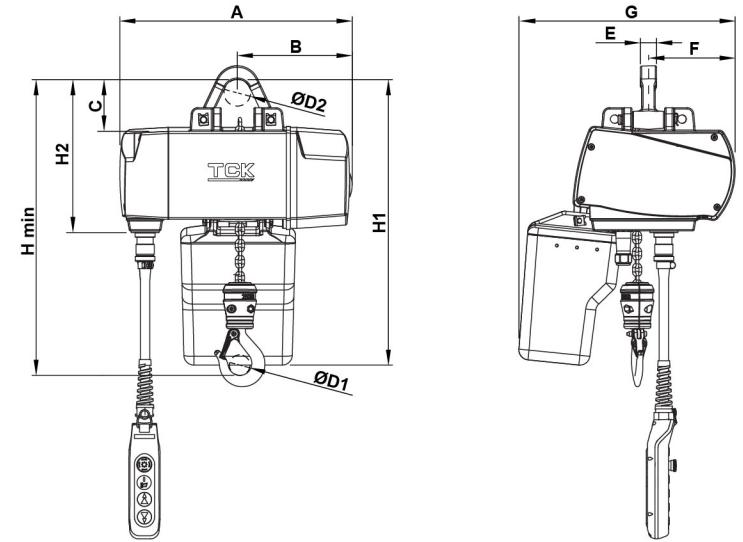
The "Ravioli" brand, Pendant switch control for auxiliary circuits is made of durable materials and features an ergonomic design. The switch body is easy to clean, and all parts are fully replaceable spare part. All buttons are marked with international symbols ; emergency stops button and connection bridges for an easier electric control cabling. The pendant switch control has made for double speeds standard for "TCK" Electric Chain hoists.

CHV-K025-HE0 ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH HANGING EAR



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
Hoist's designed : Hanging ear type.
Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed lubricant in the oil bath.
Slipping clutch : Friction type anti load slip system for the overload protection.
Chain sprocket drive : High grade alloy steel sprocket.
Load chain : Germany Imported "RUD" brand.
Lifting hook : Size 4x12 mm. for 0.25 ton. & 5x15 mm. for 0.5 ton. - 1 ton.
Hoist's motor : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
Hoist's brake : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
Hanging ear : The motor is 4 poles coils 0.7 kW. for 0.25 ton - 0.5 ton. fall 1 chain & 1 ton. fall 2 chains.
Hoist's control board : Electro Magnetic DC disc brake. Asbestos free brake lining material.
Hoist's control board : The movable hanging ear design short hanging space to increases the lifting height.
Plug and socket : Variable frequency drive (VFD) inverter control board.
Pendant switches : 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
Up-Down limit switches : Power supply and pendant cable connected by plug "WEIPU" brand.
Electric control supply : 2 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
Electric power supply : Double wire cable control length 3 m.
Up-Down limit switches : Double wire cable control length 3 m.
Electric control supply : The electric limit switch located under the chain guidance system.
Electric power supply : 24 VDC. the electric power control for the pendant switch control contactor.
Electric power supply : 220 VAC. 1 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (Ton)	A	B	C	ØD1	ØD2	E	F	G	H1	H2	H min
CHV-K025-000250-04-011-08-HE0	0.25	345	170	77	24	40	24	116	306	425	208	357
CHV-K025-000500-04-011-06-HE0	0.5	345	170	77	27	40	24	116	306	425	208	388
CHV-K025-001000-04-021-03-HE0	1.0	345	170	77	29	40	24	116	306	425	208	395

Parameter

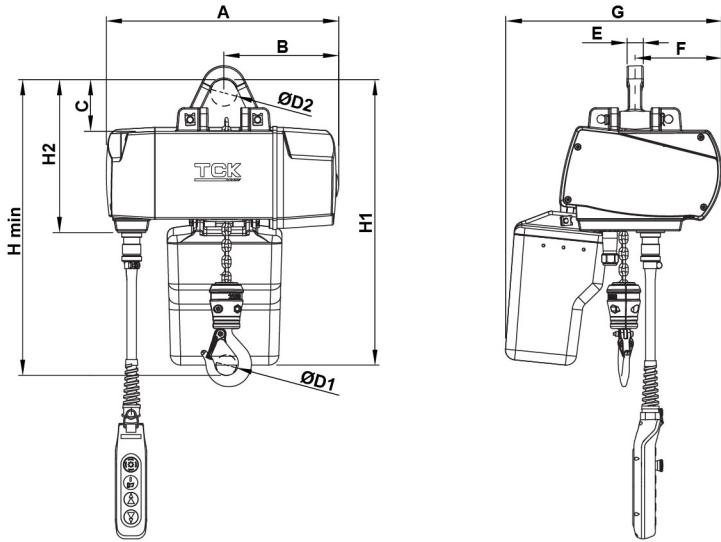
Model	Capacity (Ton)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (K.W.)	Motor Current (A)	Motor Speed (RPM)	Duty Cycle (%ED)	Electrical Power Supply	Net Weight (KG.)	Package Size (CM.)
CHV-K025-000250-04-011-08-HE0	0.25	M5	4	1	4x12	2~8	0.7	2.8	2860	40	220 VAC. 1 Ph. 50 Hz.	22	52x46x40
CHV-K025-000500-04-011-06-HE0	0.5	M5	4	1	5x15	1.5~6	0.7	2.8	2860	40	220 VAC. 1 Ph. 50 Hz.	23	52x46x40
CHV-K025-001000-04-021-03-HE0	1.0	M5	4	2	5x15	0.75~3	0.7	2.8	2860	40	220 VAC. 1 Ph. 50 Hz.	27	52x46x40

CHV-K100-HE0 ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH HANGING EAR



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
Hoist's designed : Hanging ear type.
Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed lubricant in the oil bath.
Slipping clutch : Friction type anti load slip system for the overload protection.
Chain sprocket drive : High grade alloy steel sprocket.
Load chain : Germany Imported "RUD" brand. Size 7x21 mm. for 1 ton. & 2 ton.
Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
Hoist's brake : The motor is 4 poles coils 1.9 kW. for 1 ton - 0.5 ton. fall 1 chain & 2 ton. fall 2 chains.
Hanging ear : Electro Magnetic DC disc brake. Asbestos free brake lining material.
Hoist's control board : The movable hanging ear design short hanging space to increases the lifting height.
Plug and socket : Variable frequency drive (VFD) inverter control board.
Pendant switches : 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
Up-Down limit switches : Power supply and pendant cable connected by plug "WEIPU" brand.
Electric control supply : 2 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
Electric power supply : Double wire cable control length 5 m.
Up-Down limit switches : The electric limit switch located under the chain guidance system.
Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
Electric power supply : 380 VAC. 3 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (Ton)	A	B	C	ØD1	ØD2	E	F	G	H 1	H 2	H min
CHV-K100-001000-06-011-08-HE0	1.0	458	204	77	45	40	24	177	427	528	263	519
CHV-K100-002000-06-021-04-HE0	2.0	458	204	77	45	40	24	177	427	528	263	544

Parameter

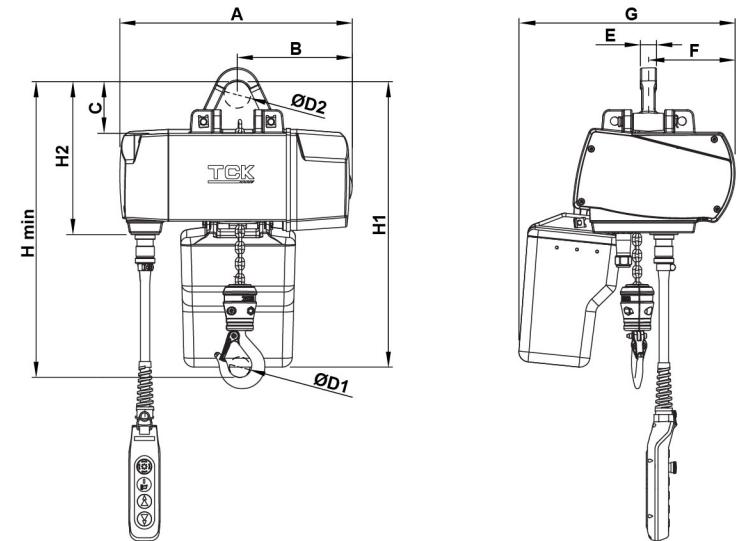
Model	Capacity (Ton)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (K.W.)	Motor Current (A)	Motor Speed (RPM)	Duty Cycle (%ED)	Electrical Power Supply	Net Weight (KG.)	Package Size (CM.)
CHV-K100-001000-06-011-08-HE0	1.0	M5	6	1	7x21	2~8	1.9	3.8	2860	40	380 VAC. 3 Ph. 50 Hz.	50	65x53x39
CHV-K100-002000-06-021-04-HE0	2.0	M5	6	2	7x21	1~4	1.9	3.8	2860	40	380 VAC. 3 Ph. 50 Hz.	55	65x53x39

CHV-K200-HE0 ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH HANGING EAR



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Hanging ear type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand. Size 10x28 mm. for 2 ton. & 4 ton.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 3.5 kW. for 2 ton. fall 1 chains & 4 ton. fall 2 chains.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Hanging ear : The movable hanging ear design short hanging space to increases the lifting height.
 Hoist's control board : Variable frequency drive (VFD) inverter control board.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 2 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
 Double wire cable control length 5 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 380 VAC. 3 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (TON)	A	B	C	ØD1	ØD2	E	F	G	H1	H2	H min
CHV-K200-002000-06-011-08-HE0	2.0	518	230	106	50	65	28	195	453	613	366	622
CHV-K200-004000-06-021-04-HE0	4.0	518	230	106	60	65	28	195	453	613	366	702

Parameter

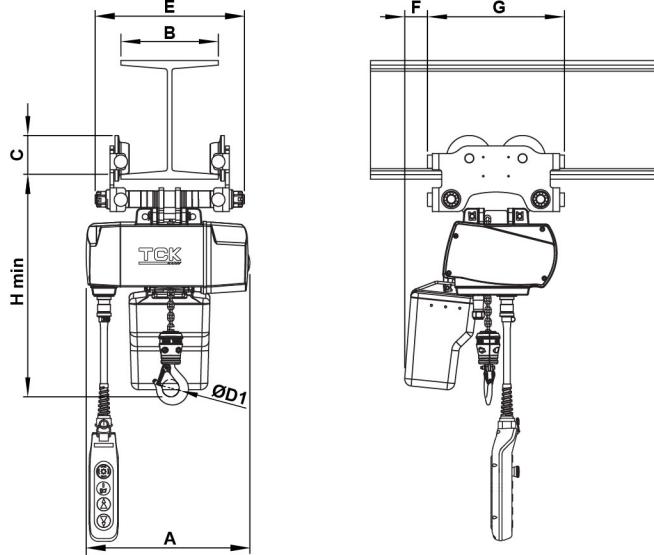
Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (K.W.)	Motor Current (A)	Motor Speed (RPM)	Duty Cycle (%ED)	Electrical Power Supply	Net Weight (KG.)	Package Size (CM.)
CHV-K200-002000-06-011-08-HE0	2.0	M5	6	1	10x28	2~8	3.5	7	2860	40	380 VAC. 3 Ph. 50 Hz.	97	62x58x44
CHV-K200-004000-06-021-04-HE0	4.0	M5	6	2	10x28	1~4	3.5	7	2860	40	380 VAC. 3 Ph. 50 Hz.	109	62x58x44

CHV-K025-SS0 ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH TROLLEY PULL MANUAL FOR SINGLE GIRDER



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Standard headroom type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 0.7 kW. for 0.25 ton. - 0.5 ton. fall 1 chain & 1 ton. fall 2 chains.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Pull manual trolley drive : The trolley is operated by manual pulling.
 Trolley for hanging hoist : Double shafts screw with longing nut uses short hanging space, most safety.
 Trolley's wheel : 4 wheels trolley.
 Hoist's control board : Variable frequency drive (VFD) inverter control board.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 2 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
 Double wire cable control length 3 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 220 VAC. 1 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (TON)	A	B	C	ØD1	E	F	G	H min
CHV-K025-000250-04-011-08-SS0	0.25	345	100 - 200	81	24	314	37	288	468
CHV-K025-000500-04-011-06-SS0	0.5	345	100 - 200	81	27	314	37	310	468
CHV-K025-001000-04-021-03-SS0	1.0	345	100 - 200	95	29	325	37	354	468

Parameter

Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (K.W.)	Motor Current (A)	Motor Speed (RPM)	Duty Cycle (%ED)	Electrical Power Supply	Minimum Turning Radius (M.)	Trolley Min. Turning Radius (M.)	Net Weight (KG.)	Package Size (CM.)
CHV-K025-000250-04-011-08-SS0	0.25	M5	4	1	4x12	2~8	0.7	2.8	40	220 VAC. 1 Ph. 50 Hz.	1.2	1.3	46	52x46x40	
CHV-K025-000500-04-011-06-SS0	0.5	M5	4	1	5x15	1.5~6	0.7	2.8	40	220 VAC. 1 Ph. 50 Hz.	1.5	1.3	48	52x46x40	
CHV-K025-001000-04-021-03-SS0	1.0	M5	4	2	5x15	0.75~3	0.7	2.8	40	220 VAC. 1 Ph. 50 Hz.	1.5	1.3	52	52x46x40	

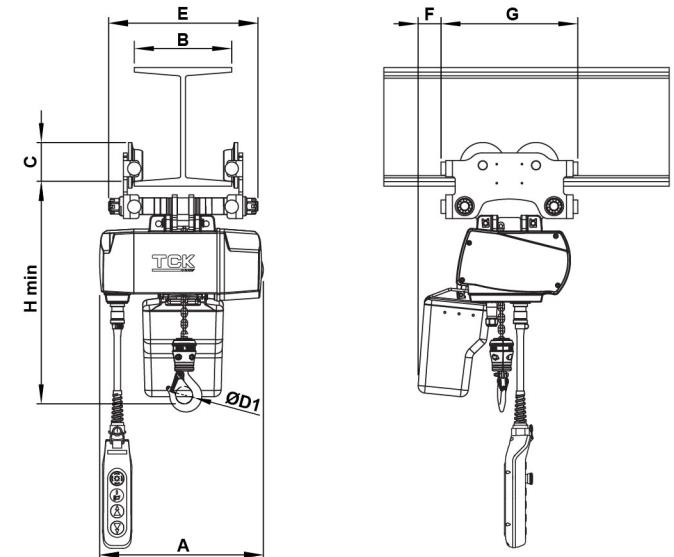
*Option : Pendant switch control for the 4 or 6 push buttons of double speeds with the emergency stop button.
 : Trolley wheels for hanging under the single girder wider than 200 mm.

CHV-K100-SS0 ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH TROLLEY PULL MANUAL FOR SINGLE GIRDER



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Standard headroom type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand. Size 7x21 mm. for 1 ton. & 2 ton.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 1.9 kW. for 1 ton. fall 1 chain & 2 ton. fall 2 chains.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Pull manual trolley drive : The trolley is operated by manual pulling.
 Trolley for hanging hoist : Double shafts screw with longing nut uses short hanging space, most safety.
 Trolley's wheel : 4 wheels trolley.
 Hoist's control board : Variable frequency drive (VFD) inverter control broad.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 2 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
 Double wire cable control length 5 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 380 VAC. 3 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (TON)	A	B	C	D1	E	F	G	H min
CHV-K100-001000-06-011-08-SS0	1.0	457	100 - 200	95	45	325	37	354	565
CHV-K100-002000-06-021-04-SS0	2.0	457	100 - 200	117	45	355	48	404	601

Parameter

Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (KW.)	Motor Current (A)	Duty Cycle (%ED)	Electrical Power Supply	Minimum Turning Radius (M.)	Trolley Min. Turning Radius (M.)	Net Weight (KG.)	Package Size (CM.)
CHV-K100-001000-06-011-08-SS0	1.0	M5	6	1	7x21	2~8	1.9	3.8	40	380 VAC. 3 Ph. 50 Hz.	1.5	3.6	73	65x53x39
CHV-K100-002000-06-021-04-SS0	2.0	M5	6	2	7x21	1~4	1.9	3.8	40	380 VAC. 3 Ph. 50 Hz.	1.8	3.6	81	65x53x39

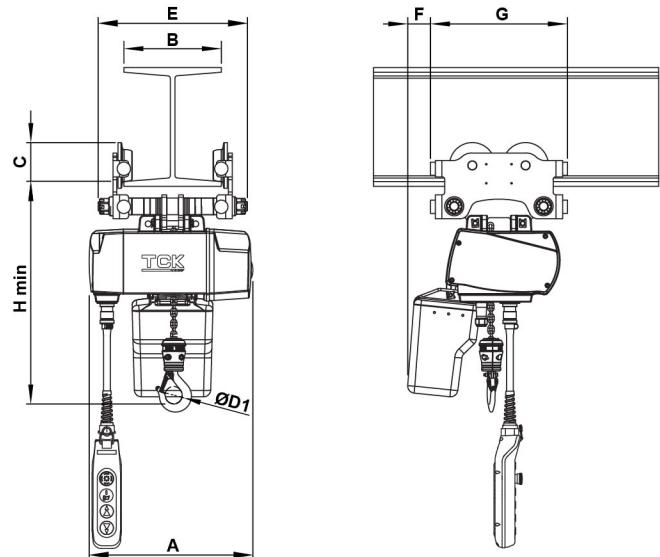
*Option : Pendant switch control for the 4 or 6 push buttons of double speeds with the emergency stop button.
 : Trolley wheels for hanging under the single girder wider than 200 mm.

CHV-K200-SS0 ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH TROLLEY PULL MANUAL FOR SINGLE GIRDER



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Standard headroom type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand. Size 10x28 mm. for 2 ton. & 4 ton.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 3.5 kW. for 2 ton. fall 1 chain & 4 ton. fall 2 chains.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Pull manual trolley drive : The trolley is operated by manual pulling.
 Trolley for hanging hoist : Double shafts screw with longing nut uses short hanging space, most safety.
 Trolley's wheel : 4 wheels trolley.
 Hoist's control board : Variable frequency drive (VFD) inverter control broad.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 2 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
 Double wire cable control length 5 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 380 VAC. 3 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (TON)	A	B	C	D1	E	F	G	H min
CHV-K200-002000-06-011-08-SS0	2.0	457	100 - 200	117	50	355	48	404	654
CHV-K200-004000-06-021-04-SS0	4.0	457	100 - 200	117	60	355	80	490	746

Parameter

Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (KW.)	Motor Current (A)	Duty Cycle (%ED)	Electrical Power Supply	Minimum Turning Radius (M.)	Trolley Min. Turning Radius (M.)	Net Weight (KG.)	Package Size (CM.)
CHV-K200-002000-06-011-08-SS0	2.0	M5	6	1	10x28	2~8	3.5	7	40	380 VAC. 3 Ph. 50 Hz.	2.0	6.6	123	65x53x39
CHV-K200-004000-06-021-04-SS0	4.0	M5	6	2	10x28	1~4	3.5	7	40	380 VAC. 3 Ph. 50 Hz.	2.5	6.6	137	65x53x39

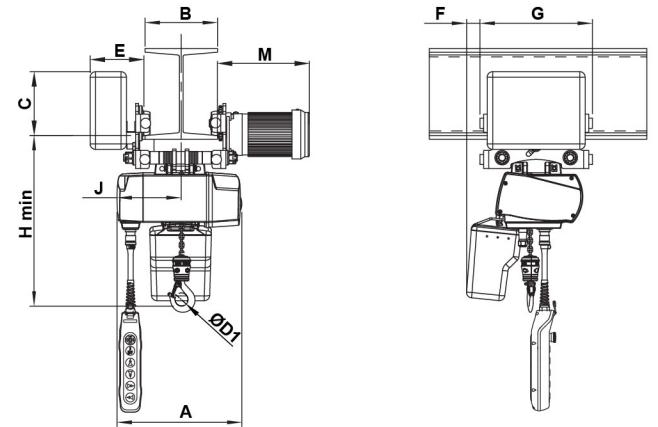
*Option : Pendant switch control for the 4 or 6 push buttons of double speeds with the emergency stop button.
 : Trolley wheels for hanging under the single girder wider than 200 mm.

CHV-K025-SSV ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH TROLLEY OF DOUBLE SPEEDS INVERTER DRIVE FOR SINGLE GIRDER

Configuration and Features :



Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Standard headroom type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand.
 Size 4x12 mm. for 0.25 ton. & 5x15 mm. for 0.5 ton. - 1 ton.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 0.7 kW. for 0.25 ton. - 0.5 ton fall 1 chain. & 1 ton. 2 chains.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Electric trolley drive : Running double speeds variable frequency drive (VFD) by inverter.
 Trolley for hanging hoist : Double shafts screw with longing nut uses short hanging space, most safety.
 Trolley's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Trolley's wheel : 4 wheels trolley with the gear shaft drive in between the 2 rim gear wheels drive.
 Trolley's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 0.2 kW. for 0.25 ton. & 0.5 ton. & 1 ton.
 Trolley's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Hoist's control board : Variable frequency drive (VFD) inverter control broad.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 4 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
 Double wire cable control length 3 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 220 VAC. 1 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (TON)	A	B	C	ØD1	E	F	G	H min	J	M
CHV-K025-000250-04-011-08-SSV	0.25	344	100 - 200	176	24	150	37	310	471	177	254
CHV-K025-000500-04-011-06-SSV	0.5	344	100 - 200	176	27	150	37	310	471	177	254
CHV-K025-001000-04-021-03-SSV	1.0	344	100 - 200	176	29	150	37	310	560	177	257

Parameter

Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor Current (A)	Traversing Speed (M./MIN.)	Traversing Motor Current (A)	Duty Cycle (%)	Electrical Power Supply	Minimum Turning (M.)	Trolley Min. Turning Radius (M.)	Net Weight (KG.)	Package Size (CM.)		
CHV-K025-000250-04-011-08-SSV	0.25	M5	4	1	4x12	2~8	0.7	2.8	5~20	0.2	0.4	40	220 VAC. 1 Ph. 50 Hz.	1.2	0.38	51	77x44x60
CHV-K025-000500-04-011-06-SSV	0.5	M5	4	1	5x15	1.5~6	0.7	2.8	5~20	0.2	0.4	40	220 VAC. 1 Ph. 50 Hz.	1.5	0.38	53	77x44x60
CHV-K025-001000-04-021-03-SSV	1.0	M5	4	2	5x15	0.75~3	0.7	2.8	5~20	0.2	0.4	40	220 VAC. 1 Ph. 50 Hz.	1.5	0.38	57	77x44x60

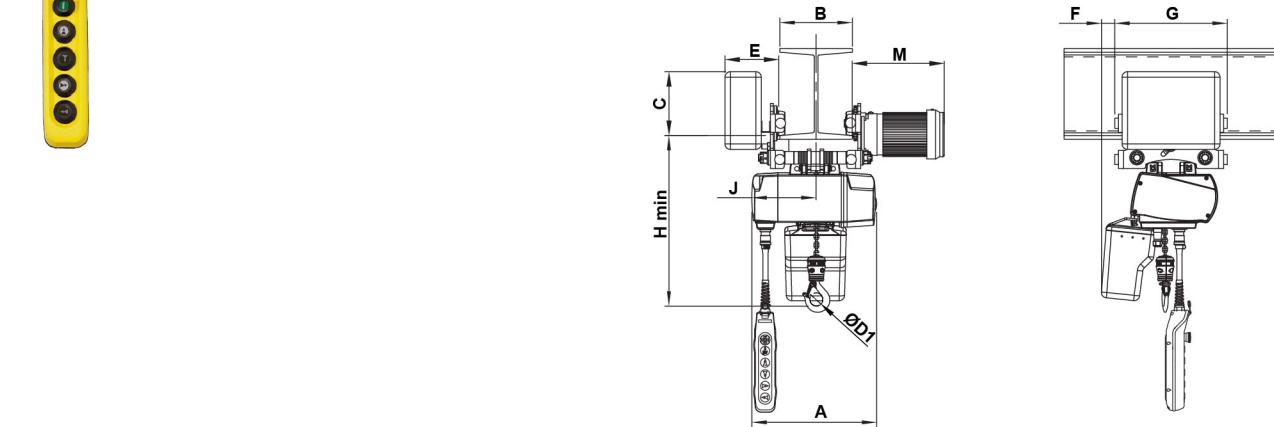
*Option : Pendant switch control for the 6 push buttons of double speeds with the emergency stop button.

: Trolley wheels for hanging under the single girder wider than 200 mm.

CHV-K100-SSV ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH TROLLEY OF DOUBLE SPEEDS INVERTER DRIVE FOR SINGLE GIRDER

Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Standard headroom type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand. Size 7x21 mm. for 1 ton. & 2 ton.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 1.9 kW. for 1 ton. fall 1 chain. & 2 ton. fall 2 chains.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Electric trolley drive : Running double speeds variable frequency drive (VFD) by inverter.
 Trolley for hanging hoist : Double shafts screw with longing nut uses short hanging space, most safety.
 Trolley's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Trolley's wheel : 4 wheels trolley with the gear shaft drive in between the 2 rim gear wheels drive.
 Trolley's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54
 The motor is 4 poles coils 0.2 kW. for 0.25 ton. & 0.4 kW. 2 ton.
 Trolley's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Hoist's control board : Variable frequency drive (VFD) inverter control broad.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 4 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand.
 Double wire cable control length 5 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 380 VAC. 3 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (TON)	A	B	C	ØD1	E	F	G	H min	J	M
CHV-K100-001000-06-011-08-SSV	1.0	457	100 - 200	176	45	150	37	354	560	256	257
CHV-K100-002000-06-021-04-SSV	2.0	457	100 - 200	180	45	157	48	404	596	256	305

Parameter

Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor Current (A)	Traversing Speed (M./MIN.)	Traversing Motor Current (A)	Duty Cycle (%)	Electrical Power Supply	Minimum Turning (M.)	Trolley Min. Turning Radius (M.)	Net Weight (KG.)	Package Size (CM.)		
CHV-K100-001000-06-011-08-SSV	1.0	M5	6	1	7x12	2~8	1.9	3.8	5~20	0.2	0.4	40	380 VAC. 3 Ph. 50 Hz.	1.5	0.38	78	80x48x72
CHV-K100-002000-06-021-04-SSV	2.0	M5	6	2	7x21	1~4	1.9	3.8	5~20	0.4	0.8	40	380 VAC. 3 Ph. 50 Hz.	2.0	0.76	88	80x48x72

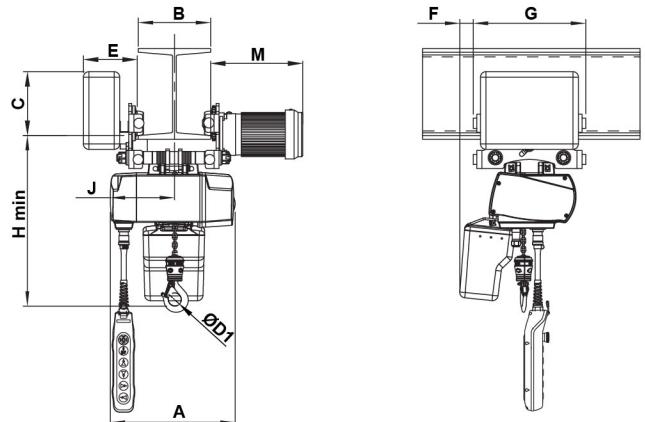
*Option : Pendant switch control for the 6 push buttons of double speeds with the emergency stop button.
 : Trolley wheels for hanging under the single girder wider than 200 mm.

CHV-K200-SSV ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH TROLLEY OF DOUBLE SPEEDS INVERTER DRIVE FOR SINGLE GIRDER



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Standard headroom type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand. Size 10x28 mm.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54. The motor is 4 poles coils 3.5 kW. for 2 ton. fall 1 chain. & 4 ton. fall 2 chains.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Electric trolley drive : Running double speeds variable frequency drive (VFD) by inverter.
 Trolley for hanging hoist : Double shafts screw with longing nut uses short hanging space, most safety.
 Trolley's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Trolley's wheel : 4 wheels trolley with the gear shaft drive in between the 2 rim gear wheels drive.
 Trolley's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54. The motor is 4 poles coils 0.4 kW. for 2 ton. & 0.75 kW. 4 ton.
 Trolley's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Hoist's control board : Variable frequency drive (VFD) inverter control board.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 4 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand. Double wire cable control length 5 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 380 VAC. 3 Ph. 50 Hz. the electric power supply for the motors.



Dimensions

Model	Capacity (TON)	A	B	C	ØD1	E	F	G	H min	J	M
CHV-K200-002000-06-011-08-SSV	2.0	518	100 - 200	180	50	157	48	404	654	290	305
CHV-K200-004000-06-021-04-SSV	4.0	518	100 - 200	180	60	162	80	490	746	290	395

Parameter

Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (KW.)	Motor Current (A)	Traversing Speed (M./MIN.)	Traversing Motor (KW.)	Motor Current (A)	Duty Cycle (%ED)	Electrical Power Supply	Minimum Turning (M.)	Trolley Min. Radius (M.)	Net Weight (KG.)	Package Size (CM.)
CHV-K200-002000-06-011-08-SSV	2.0	M5	6	1	10x28	2~8	3.5	7	5~20	0.4	0.8	40	380 VAC. 3 Ph. 50 Hz.	2.0	1.3	130	86x60x72
CHV-K200-004000-06-021-04-SSV	4.0	M5	6	2	10x28	1~4	3.5	7	4~16	0.75	1.43	40	380 VAC. 3 Ph. 50 Hz.	2.5	1.4	146	86x60x72

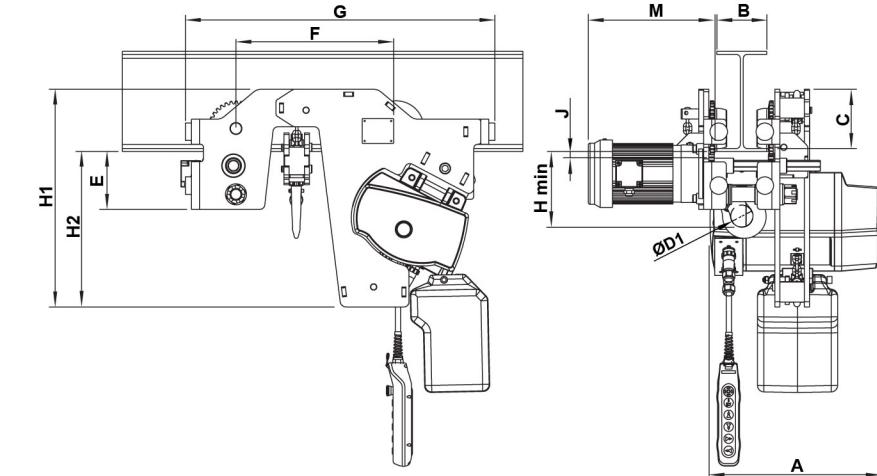
*Option : Pendant switch control for the 6 push buttons of double speeds with the emergency stop button.
 : Trolley wheels for hanging under the single girder wider than 200 mm.

CHV-K200-SLV ELECTRIC CHAIN HOIST OF DOUBLE SPEEDS INVERTER DRIVE WITH LOW HEADROOM TROLLEY OF DOUBLE SPEEDS INVERTER DRIVE FOR SINGLE GIRDER



Configuration and Features :

Electric chain hoist drive : Lifting double speeds variable frequency drive (VFD) by inverter.
 Hoist's designed : Low headroom type.
 Hoist's body material : Made of high - light aluminium alloy die casting, CNC - machining processing.
 Hoist's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Slipping clutch : Friction type anti load slip system for the overload protection.
 Chain sprocket drive : High grade alloy steel sprocket.
 Load chain : Germany Imported "RUD" brand. Size 5x15 mm. for 1 ton., 7x21 mm. for 2 ton. & 10x28 mm. for 4 ton.
 Lifting hook : Rotate 360° ergonomic design, high quality alloy steel, DIN 15401.
 Hoist's motor : The Motor is made in a squirrel cage aluminum structure, Class F 155°C IP54.
 Hoist's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Electric trolley drive : Running double speeds variable frequency drive (VFD) by inverter.
 Trolley for hanging hoist : Double shafts screw with longing nut uses short hanging space. Low headroom.
 Trolley's gearbox : Grinding machined hard toothed helical gear, the gears and bearings immersed in the oil bath.
 Trolley's motor : The motor is made in a squirrel cage aluminum structure, Class F 155°C IP54.
 Trolley's brake : Electro Magnetic DC disc brake. Asbestos free brake lining material.
 Hoist & trolley control board : Variable frequency drive (VFD) inverter control board.
 5 protections : Overload, Overheating, Overvoltage, Undervoltage, Overcurrent.
 Plug and socket : Power supply and pendant cable connected by plug "WEIPU" brand.
 Pendant switches : 4 push buttons of double speeds switches + E-Stop (IP 65) Italy imported "RAVIOLI" brand. Double wire cable control length 5 m.
 Up-Down limit switches : The electric limit switch located under the chain guidance system.
 Electric control supply : 24 VDC. the electric power control for the pendant switch control contactor.
 Electric power supply : 220 VAC. 1 Ph. 50 Hz. for 1 ton. & 380 VAC. 3 Ph. 50 Hz. for 2 ton. & 4 ton. The electric power supply for motors.



Dimensions

Model	Capacity (TON)	A	B	C	ØD1	E	F	G	H1	H2	H min	J	M
CHV-K025-001000-04-021-03-SLV	1.0	344	100 - 200	120	29	115	355	618	430	310	151	19	257
CHV-K100-002000-06-021-04-SLV	2.0	457	100 - 200	155	45	144	485	813	537	382	197	25	305
CHV-K200-004000-06-021-04-SLV	4.0	518	100 - 200	195	60	155	610	989	695	500	217	25	395

Parameter

Model	Capacity (TON)	ISO Class Certificate	Lifting Height (M.)	Number of Chains	Chain Size (MM.)	Lifting Speed (M./MIN.)	Lifting Motor (KW.)	Motor Current (A)	Traversing Speed (M./MIN.)	Traversing Motor (KW.)	Motor Current (A)	Duty Cycle (%ED)	Electrical Power Supply	Minimum Turning (M.)	Trolley Min. Radius (M.)	Package Size (CM.)
CHV-K025-001000-04-021-03-SLV	1.0	M5	4	2	5x15	0.75~3	0.7	2.8	4~16	0.2	0.4	40	220 VAC. 1 Ph. 50 Hz.	2	0.38	90x74x69
CHV-K100-002000-06-021-04-SLV	2.0	M5	6	2	7x21	1~4	1.9	3.8	4~16	0.4	0.8	40	380 VAC. 3 Ph. 50 Hz.	2	0.76	90x74x69
CHV-K200-004000-06-021-04-SLV	4.0	M5	6	2	10x28	1~4	3.5	7	4~16	0.75	1.43	40	380 VAC. 3 Ph. 50 Hz.	2.5	1.4	TCB

*Option : Pendant switch control for the 6 push buttons of double speeds with the emergency stop button.
 : Trolley wheels for hanging under the single girder wider than 200 mm.

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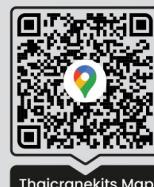
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