



ELECTRIC WIRE ROPE HOIST



SERIES

WHY TO SELECT **THAC** HOIST?

3-VARIABLE-SPEED HOIST



High safety

Energy Saving

Low Noise

Long Lifetime

- Low speed for exact positioning
- High speed for efficient operation
- Fast speed for enhancing performance

Increases your productivity & profitability

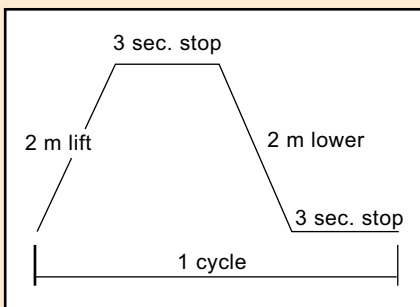
V type product code

V 03 A 4 A 030 S - V 21 S									
03: 3 Ton 06: 6.3 Ton 10: 10 Ton 1K: 100 Ton Load					S: Single Speed I: Inverter Speed Traversing Speed Rate				
A: 2/1 B: 4/2 C: 4/1 D: 6/1 E: 6/2 F: 8/1 G: 8/2 H: 10/2 I: 12/2 J: 16/2 K: 20/2 Rope Falls Code					Traversing Speed (M/Min) L: Low Headroom Type V: Mono Rail, W: Double Rail Trolley Type				
3:ISO M3 4:ISO M4 5:ISO M5 6:ISO M6 Duty Code					S: Single Speed, I: Inverter Speed Lifting Speed Rate				
A: 6M, B: 9M, C: 12M, Height of Lifting Code					015: 1.5, 020: 2, 100: 10 Lifting Speed(M/Min)				

Lifting motor rating

■ Short time rating ... 30 min

This rating indicates how long the hoist can be operated continuously on the below cycle, assuming continued operation for a short time span.



● Specified for WLL.

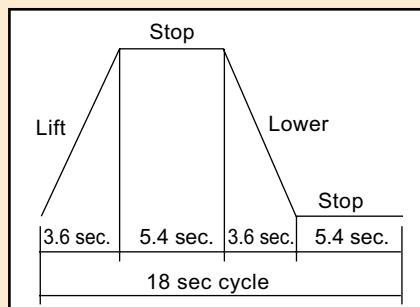
■ Intermittent rating ED percent

... 40%

■ Max. No. of starts per hour

... 400

This rating indicates the ED percent (ratio of motor ON-to-OFF time) and max. No. of starts per hour (how many times the motor is started up in one hour) for a hoist operated continuously on the below cycle, assuming continued operation or repeated starting over a long time span.



● Specified for 63% of WLL.

$$\bullet \text{ED}\% = \frac{\text{Motor ON time (3.6 sec. x 2)}}{1 \text{ cycle (18 sec.)}} \times 100$$

$$\bullet \text{Max. No. of starts per hour (starts/hr)} = \frac{1 \text{ hour (3600 sec)}}{1 \text{ cycle (18 sec.)}} \times 2 \text{ (lifting \& lowering)}$$

If using the hoist on a cycle different from the above, use the below formulas to calculate ED percent and the max. No. of starts per hour.

$$\bullet \text{ED}\% = \frac{\text{Total Motor ON time in one hour under the busiest conditions of use (min)}}{60 \text{ min.}} \times 100$$

$$\bullet \text{Max. No. of starts per hour (starts/hr)} = \text{No. of starts in one hour under the busiest conditions of use}$$

Construction & Features

1 HOISTING MOTOR

It's optimized motor design for low-vibration and quiet operation. Use the squirrel cage motors with cylindrical rotor for hoisting duty. Type of Protection IP54(IP55 is optional) 40%ED, F Class insulation with thermal contacts to protect against overheating (60%ED is optional).

2 HOIST GEARING

The geared unit is a 3-stage helical gearbox with high endurance gearing that the material adopts processed alloy steel SCM415 and the heat treated hardness reaches HRC60 degree, solidity, durability and high precision.

3 FAST ACTING BRAKE

The disk electromagnetic brake features automatic braking in the event of a power failure. Asbestos-free lining can reach 1,000,000 times under a normal application. (2nd Mechanical Brake is optional. Long-service and trouble-free mechanical brake provides dual braking system to ensure operational safety.)



4 LIMIT SWITCH

Automatic cuts off of the hoisting and traveling motions in upper, lower, left and right limit positions; prevent mechanical failure from over traveling of the hook.

3-Variable



9 OVERLOAD PROTECTION

Mechanical overload protection cuts off the power of motor to prevent object lifting in case of excessive over loading.



10 FREQUENCY INVERTER CONTROL

A frequency inverter provides variable hoisting speeds for smooth lifting and stop as well as variable cross travel for low-sway travel motions. Fast and exact positioning enhances the performance in overhead material handling. Reducing power consumption to save energy is also the benefit of frequency inverter application.



Speed Hoist



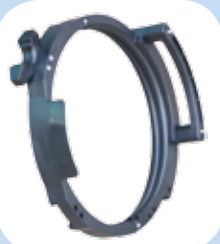
5 BOTTOM BLOCK AND HOOK

The 360°swiveling hook is made of high-strength and high resistance forged steel and is fitted swiveling crossbar. The elegant bottom blocks are equipped with protective edging around the rope opening and are provided with an anti-drop safety latch.

6 ROPE

The rope is made of high fatigue-strength and wear-proof flexible steel. The minimum use coefficient is according to ISO, JIS , CNS & CMAA#70 standard

***Standard apply the high strength galvanized steel wire rope.



7 PROTECTIVE ROPE GUIDE

Made of tough plastic, the rope guide lead-in by means of hardened pressure rollers mounted on anti-friction bearing. The rope guide also reduces wear on the rope and rope drum to enhance the safety and durability.



8 PUSH BUTTON SWITCH (IP65) WITH EMS

The main line On/Off lets you cut off power by pressing a button close at hand rather than the primary power source. The advanced features of water-proof and dust-prevented meet IP65 improve its flexibility and durability. It is useful for controlling the number of hoists in operation. Emergency stop as our standard specification is the added-on safe device for our valued customers.



11 PANEL FOR ELECTRICAL CONNECTIONS

Magnet contactor is operated through push button switch or remote controller and electric parts and cable are clearly labeled for easy repair and maintenance. Control box have good water-proof, dust-proof and the enclosure meets IP54 specifications. Standard main voltages are 3Ph/380V/50Hz(60Hz) and 3Ph/415V/50Hz and standard control voltage is 48V. Other main and control voltage are also available by request.



Single Speed

50HZ

MODEL	Load Cap (t)	Lifting Height (m)	Duty Cycle (ISO)	Lifting Speed (MPM)	Lifting Motor (KW)	Trolley Speed (MPM)	Trolley Motor (KW)	Trolley Type		Wire Rope	
				50HZ	50HZ	50HZ	50HZ	V	W	Fall No.	Dia. (mm)
V01A6A080S-*18S	1.5	6	M6	8	2.2	18	0.25	V	V	2/1	8
V01A6B080S-*18S		9									
V01A6C080S-*18S		12									
V03C5A040S-*18S	3(2.8)	6	M5	4	2.2	18	0.25	V	V	4/1	8
V03C5B040S-*18S		9									
V03B6A080S-*18S		6									
V03B6B080S-*18S		9	M6	8	4.5					4/2	8
V03B6C080S-*18S		12									
V03A6A080S-*18S		6									
V03A6B080S-*18S		9	M6	8	4.5					2/1	12
V03A6C080S-*18S		12									
V05C5A040S-*18S		5	6	M5	4					4.5	18
V05C5B040S-*18S	9										
V05C5C040S-*18S	12										
V05B6A060S-*18S	6		M6	6	5.5	4/2	12				
V05B6B060S-*18S	9										
V05B6C060S-*18S	12										
V05A6A060S-*18S	6		M6	6	5.5	2/1	14				
V05A6B060S-*18S	9										
V05A6C060S-*18S	12										
V06C5A040S-*18S	6.3	6	M5	4	4.5	18	0.6	V	V	4/1★	12
V06C5B040S-*18S		9									
V06C5C040S-*18S		12									
V10G5A030S-*15S	10	6	M5	3	5.5	15	1.1	—	V	8/2	12
V10G5B030S-*15S		9									
V10G5C030S-*15S		12									
V10D4A027S-*15S		6	M4	2.7	4.5					6/1	12
V10D4B027S-*15S		9									
V10D4C027S-*15S		12									
V10C5A030S-*15S		6	M5	3	5.5					4/1★	14
V10C5B030S-*15S		9									
V10C5C030S-*15S		12									
V10B6A060S-*15S		6	M6	6	11					4/2	14
V10B6B060S-*15S		9									
V10B6C060S-*15S		12									
V10A6A060S-*15S		6	M6	6	11					2/1	20
V10A6B060S-*15S		9									
V10A6C060S-*15S		12									
V15D4A020S-*15S	15	6	M4	2	5.5	15	1.1	—	V	6/1	14
V15D4B020S-*15S		9									
V15D4C020S-*15S		12									
V15E6A040S-*15S		6	M6	4	11					6/2	14
V15E6B040S-*15S		9									
V15E6C040S-*15S		12									
V15C6A030S-*15S		6	M6	3	11					4/1★	20
V15C6B030S-*15S		9									
V15C6C030S-*15S		12									
V20G5A030S-*15S	20	6	M5	3	11	15	1.5	—	V	8/2	14
V20G5B030S-*15S		9									
V20G5C030S-*15S		12									
V20C5A030S-*15S		6	M5	3	11					4/1★	20
V20C5B030S-*15S		9									
V20C5C030S-*15S		12									
V25D5A020S-*15S	25	6	M5	2	11	15	1.5	—	V	6/1	20
V25D5B020S-*15S		9									
V25D5C020S-*15S		12									
V30D4A020S-*13S	30	6	M4	2	11	13	1.5	—	V	6/1	20
V30D4B020S-*13S		9									
V30D4C020S-*13S		12									

Remark: ★ means ISO M6 is option.
Trolley Type: V: Mono Rail
W: Double Rail

Single Speed

60HZ

MODEL	Load Cap (t)	Lifting Height (m)	Duty Cycle (ISO)	Lifting Speed (MPM)	Lifting Motor (KW)	Trolley Speed (MPM)	Trolley Motor (KW)	Trolley Type		Wire Rope									
				60HZ	60HZ	60HZ	60HZ	V	W	Fall No.	Dia. (mm)								
V01A6A096S-*21S	1.5	6	M6	9.6	2.5	21	0.25	V	V	2/1	8								
V01A6B096S-*21S		9																	
V01A6C096S-*21S		12																	
V03C5A048S-*21S	3(2.8)	6	M5	4.8	2.5	21	0.25	V	V	4/1	8								
V03C5B048S-*21S		9																	
V03B6A048S-*21S		6																	
V03B6B096S-*21S		9	M6	9.6	5.5	21				4/2	8								
V03B6C096S-*21S		12																	
V03A6A096S-*21S		6																	
V03A6B096S-*21S		9	M6	9.6	5.5	21				2/1	12								
V03A6C096S-*21S		12																	
V05C5A048S-*21S		5	6	M5	4.8	5.5				21	0.6	V	V	4/1★	12				
V05C5B048S-*21S	9																		
V05C5C048S-*21S	12																		
V05B6A072S-*21S	6		M6	7.2	7.5	21	0.6	V	V					4/2	12				
V05B6B072S-*21S	9																		
V05B6C072S-*21S	12																		
V05A6A072S-*21S	6		M6	7.2	7.5	21	0.6	V	V					2/1	14				
V05A6B072S-*21S	9																		
V05A6C072S-*21S	12																		
V06C5A048S-*21S	6.3	6	M5	4.8	5.5	21	0.6	V	V	4/1★	12								
V06C5B048S-*21S		9																	
V06C5C048S-*21S		12																	
V10G5A036S-*18S	10	6	M5	3.6	7.5	18	1.1	—		8/2	12								
V10G5B036S-*18S		9																	
V10G5C036S-*18S		12																	
V10D4A032S-*18S		6	M4	3.2	5.5			18	1.1	V	V	4/1★	14						
V10D4B032S-*18S		9																	
V10D4C032S-*18S		12																	
V10C5A036S-*18S		6	M5	3.6	7.5			18	1.1	V	V	4/1★	14						
V10C5B036S-*18S		9																	
C10C5C036S-*18S		12																	
V10B6A072S-*18S		6	M6	7.2	15			18	1.1	V	V	4/1★	14						
V10B6B072S-*18S		9																	
V10B6C072S-*18S		12																	
V10A6A072S-*18S		6	M6	7.2	15			18	1.1	V	V	4/1★	14						
V10A6B072S-*18S		9																	
V10A6C072S-*18S		12																	
V15D4A024S-*18S	15	6	M4	2.4	7.5	18	1.1	—	V	6/1	14								
V15D4B024S-*18S		9																	
V15D4C024S-*18S		12																	
V15E6A048S-*18S		6	M6	4.8	15					18	1.1	—	V	6/2	14				
V15E6B048S-*18S		9																	
V15E6C048S-*18S		12																	
V15C6A036S-*18S		6	M6	3.6	11									18	1.5	—	V	4/1★	20
V15C6B036S-*18S		9																	
V15C6C036S-*18S		12																	
V20G5A036S-*18S	20	6	M5	3.6	15	18	1.5	—	V									8/2	14
V20G5B036S-*18S		9																	
V20G5C036S-*18S		12																	
V20C5A036S-*18S		6	M5	3.6	15					18	1.5	—	V					4/1★	20
V20C5B036S-*18S		9																	
V20C5C036S-*18S		12																	
V25D5A024S-*18S	25	6	M5	2.4	15	18	1.5	—	V					6/1	20				
V25D5B024S-*18S		9																	
V25D5C024S-*18S		12																	
V30D4A024S-*15S	30	6	M4	2.4	15	15	1.5	—	V	6/1	20								
V30D4B024S-*15S		9																	
V30D4C024S-*15S		12																	

Remark: ★ means ISO M6 is option.
Trolley Type: V: Mono Rail
W: Double Rail

Inverter Speed

50HZ/60HZ

MODEL	Load Cap (t)	Lifting Height (m)	Duty Cycle (ISO)	Lifting Speed (MPM)	Lifting Motor (KW)	Trolley Speed (MPM)	Trolley Motor (KW)	Trolley Type		Wire Rope	
				50HZ/60HZ	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ	V	W	Fall No.	Dia. (mm)
V01A6A080I-*18I	1.5	6	M6	0.8->8->*16	2.2	4.5->18	0.25	V	V	2/1	8
V01A6B080I-*18I		9									
V01A6C080I-*18I		12									
V03C5A040I-*18I	3(2.8)	6	M5	0.4->4->*8	2.2	4.5->18	0.25	V	V	4/1	8
V03C5B040I-*18I		9									
V03B6A080I-*18I		6									
V03B6B080I-*18I		9	M6	0.8->8->*16	4.5					4/2	
V03B6C080I-*18I		12									
V03A6A080I-*18I		6	M6	0.8->8->*16	4.5					2/1	12
V03A6B080I-*18I		9									
V03A6C080I-*18I		12									
V05C5A040I-*18I		5	6	M5	0.4->4->*8					4.5	4.5->18
V05C5B040I-*18I	9										
V05C5C040I-*18I	12										
V05B6A060I-*18I	6		M6	0.6->6->*12	5.5	4/2	12				
V05B6B060I-*18I	9										
V05B6C060I-*18I	12										
V05A6A060I-*18I	6		M6	0.6->6->*12	5.5	2/1	14				
V05A6B060I-*18I	9										
V05A6C060I-*18I	12										
V06C5A040I-*18I	6.3	6	M5	0.4->4->*8	4.5	4.5->18	0.6	V	V	4/1★	12
V06C5B040I-*18I		9									
V06C5C040I-*18I		12									
V10G5A030I-*15I	10	6	M5	0.3->3->*6	5.5	3.75->15	1.1	—	V	8/2	12
V10G5B030I-*15I		9									
V10G5C030I-*15I		12									
V10D4A027I-*15I		6	M4	0.27->2.7->*5.4	4.5			6/1		12	
V10D4B027I-*15I		9									
V10D4C027I-*15I		12									
V10C5A030I-*15I		6	M5	0.3->3->*6	5.5			V		4/1★	14
V10C5B030I-*15I		9									
V10C5C030I-*15I		12									
V10B6A060I-*15I		6	M6	0.6->6->*12	11			—		4/2	14
V10B6B060I-*15I		9									
V10B6C060I-*15I		12									
V10A6A060I-*15I		6	M6	0.6->6->*12	11			2/1		20	
V10A6B060I-*15I		9									
V10A6C060I-*15I		12									
V15D4A020I-*15I	15	6	M4	0.2->2->*4	5.5	3.75->15	1.1	—	V	6/1	14
V15D4B020I-*15I		9									
V15D4C020I-*15I		12									
V15E6A040I-*15I		6	M6	0.4->4->*8	11					6/2	14
V15E6B040I-*15I		9									
V15E6C040I-*15I		12									
V15C6A030I-*15I		6	M6	0.3->3->*6	11					4/1★	20
V15C6B030I-*15I		9									
V15C6C030I-*15I		12									
V20G5A030I-*15I	20	6	M5	0.3->3->*6	11	3.75->15	1.5	—	V	8/2	14
V20G5B030I-*15I		9									
V20G5C030I-*15I		12									
V20C5A030I-*15I		6	M5	0.3->3->*6	11					4/1★	20
V20C5B030I-*15I		9									
V20C5C030I-*15I		12									
V20B6A060I-*15I		6	M6	0.6->6->*12	22					4/2	20
V20B6B060I-*15I		9									
V20B6C060I-*15I		12									

Inverter Speed

50HZ/60HZ

MODEL	Load Cap (t)	Lifting Height (m)	Duty Cycle (ISO)	Lifting Speed (MPM)	Lifting Motor (KW)	Trolley Speed (MPM)	Trolley Motor (KW)	Trolley Type		Wire Rope			
				50HZ/60HZ	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ	V	W	Fall No.	Dia. (mm)		
V25C5A030I-*15I	25	6	M5	0.3->3->*6	15	3.75->15	1.5	—	V	4/1	20		
V25C5B030I-*15I		9											
V25C5C030I-*15I		12											
V25D5A020I-*15I		6	M5	0.2->2->*4	11					6/1	20		
V25D5B020I-*15I		9											
V25D5C020I-*15I		12											
V25E6A040I-*15I		6	M6	0.4->4->*8	22					6/2	20		
V25E6B040I-*15I		9											
V25E6C040I-*15I		12											
V30D4A020I-*13I	30	6	M4	0.2->2->*4	11	3.25->13	1.5	—	V	6/1	20		
V30D4B020I-*13I		9											
V30D4C020I-*13I		12											
V30E5A040I-*13I		6	M5	0.4->4->*8	22					6/2	20		
V30E5B040I-*13I		9											
V30E5C040I-*13I		12											
V30B6A056I-*15I		6	M6	0.56->5.6->*11.2	37.5					3.75->15	1.1*2Pcs	4/2	25
V30B6B056I-*15I		9											
V30B6C056I-*15I		12											
V40F4B015I-*13I	40	9	M4	0.15->1.5->*3	11	3.25->13	1.1*2 Pcs	—	V	8/1	20		
V40F4D015I-*13I		15											
V40F4F015I-*13I		21											
V40G5B030I-*13I		9	M5	0.3->3->*6	22					8/2	20		
V40G5D030I-*13I		15											
V40G5F030I-*13I		21											
V45E5A037I-*13I	45	6	M5	0.37->3.7->*7.4	37.5	3.25->13	1.1*2 Pcs	—	V	6/2	25		
V45E5B037I-*13I		9											
V45E5C037I-*13I		12											
V50H5B024I-*13I	50	9	M5	0.24->2.4->*4.8	22	3.25->13	1.1*2 Pcs	—	V	10/2	20		
V50H5D024I-*13I		15											
V50H5F024I-*13I		21											
V60G5B028I-*13I	60	9	M5	0.28->2.8->*5.6	37.5	3.25->13	1.1*2 Pcs	—	V	8/2	25		
V60G5D028I-*13I		15											
V60G5F028I-*13I		21											
V60I4B020I-*13I		9	M4	0.2->2->*4	22					12/2	20		
V60I4C020I-*13I		12											
V60I4E020I-*13I		18											
V80H4C022I-*11I	80	12	M4	0.22->2.2->*4.4	37.5	2.75->11	1.1*2 Pcs	—	V	10/2	25		
V80H4D022I-*11I		15											
V80H4E022I-*11I		18		0.15->1.5->*2	22					16/2	20		
V80J4D015I-*11I		15											
V1KI4D018I-*11I	100	15	M4	0.18->1.8->*3.6	37.5	2.75->11	1.5*2 Pcs	—	V	12/2	25		
V1KI4F018I-*11I		21											
V1KK4C012I-*11I		10		0.12->1.2->*2.4	22					20/2	20		
VK2J4E014I-*11I	120	18	M4	0.14->1.4->*2.8	37.5	2.75->11	1.5*2 Pcs	—	V	16/2	25		

Remark: ★ means ISO M6 is option.

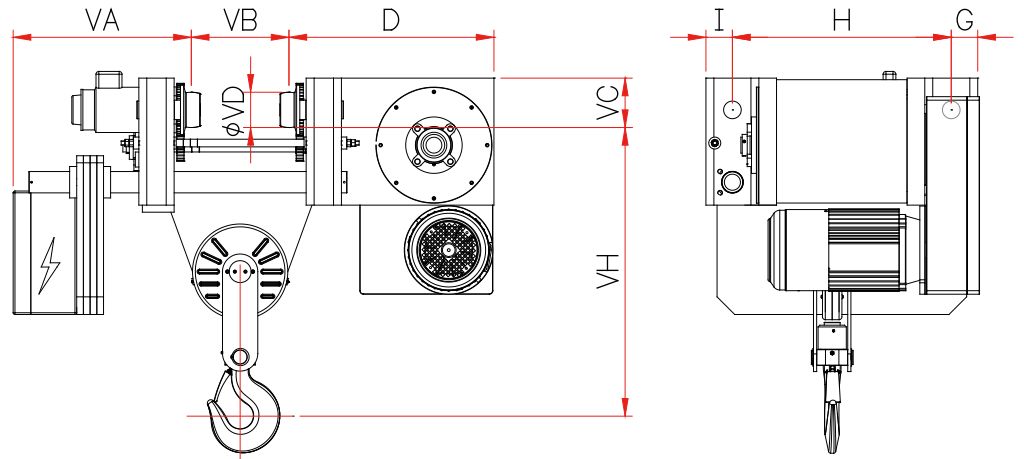
Trolley Type: V: Mono Rail

W: Double Rail

Speed* means when no loading

LOW HEADROOM TYPE

REEVING: 2/1



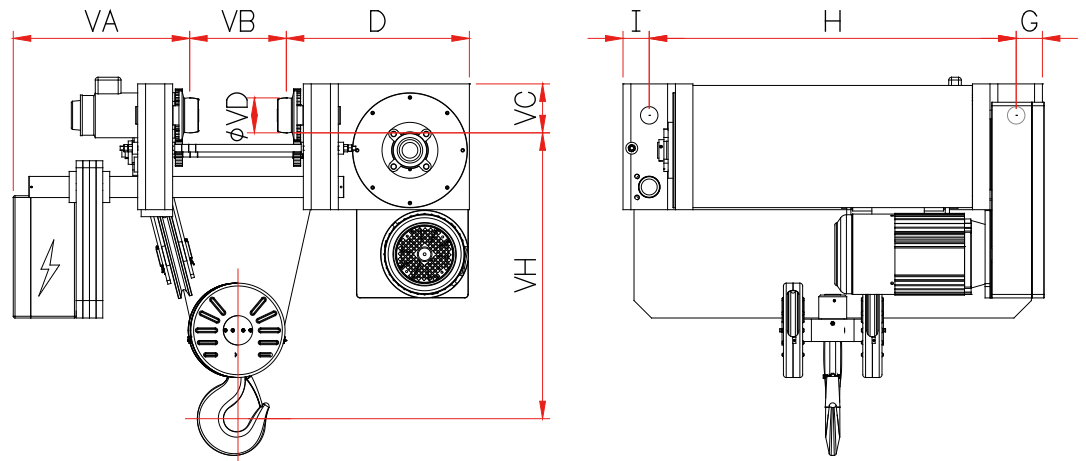
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V01A6A080*-L18*	1.5	6	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V01A6B080*-L18*	1.5	9	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V01A6C080*-L18*	1.5	12	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V03A6A080*-L18*	3(2.8)	6	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V03A6B080*-L18*	3(2.8)	9	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V03A6C080*-L18*	3(2.8)	12	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V05A6A060*-L18*	5	6	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V05A6B060*-L18*	5	9	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V05A6C060*-L18*	5	12	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V10A6A060*-L15*	10	6	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC
V10A6B060*-L15*	10	9	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC
V10A6C060*-L15*	10	12	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC

ITEM No.	Load Cap (t)	G	H	I	VA	VB	VC	VD	VH	D
V01A6A080*-L18*	1.5	100	445	65	445	150~250	100	70	860	380
V01A6B080*-L18*	1.5	100	595	65	445	150~250	100	70	860	380
V01A6C080*-L18*	1.5	100	745	65	445	150~250	100	70	860	380
V03A6A080*-L18*	3(2.8)	135	490	75	505	150~250	115	70	950	524
V03A6B080*-L18*	3(2.8)	135	590	75	505	150~250	115	70	950	524
V03A6C080*-L18*	3(2.8)	135	690	75	505	150~250	115	70	950	524
V05A6A060*-L18*	5	135	520	75	505	150~250	140	100	1020	581
V05A6B060*-L18*	5	135	620	75	505	150~250	140	100	1020	581
V05A6C060*-L18*	5	135	720	75	505	150~250	140	100	1020	581
V10A6A060*-L15*	10	114	570	114	620	300~400	230	160	1170	610
V10A6B060*-L15*	10	114	690	114	620	300~400	230	160	1170	610
V10A6C060*-L15*	10	114	800	114	620	300~400	230	160	1170	610

Speed* means no loading

LOW HEADROOM TYPE

REEVING: 4/2



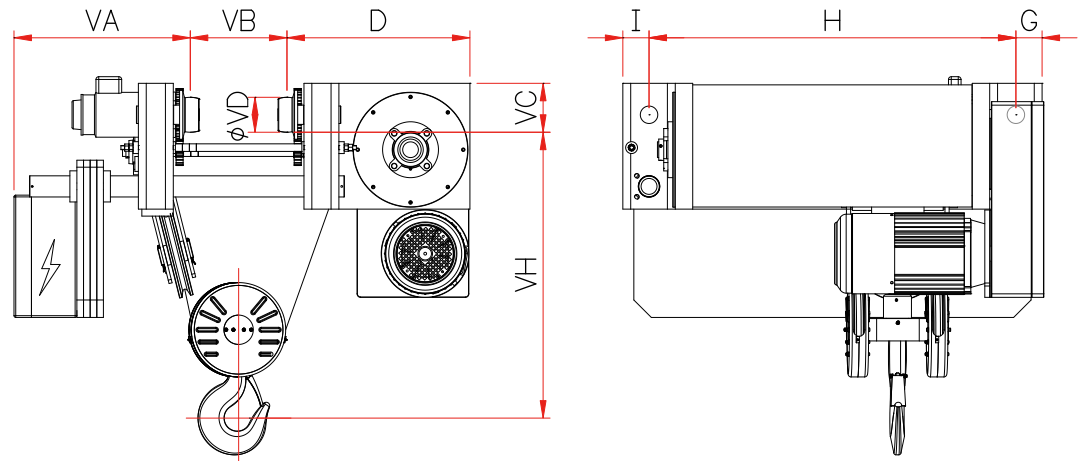
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60 HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V03B6A080*-L18*	3(2.8)	6	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V03B6B080*-L18*	3(2.8)	9	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V03B6C080*-L18*	3(2.8)	12	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V05B6A060*-L18*	5	6	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V05B6B060*-L18*	5	9	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V05B6C060*-L18*	5	12	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V10B6A060*-L15*	10	6	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC
V10B6B060*-L15*	10	9	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC
V10B6C060*-L15*	10	12	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC

Item No.	Load Cap (t)	G	H	I	VA	VB	VC	VD	VH	D
V03B6A080*-L18*	3(2.8)	75	730	75	505	150~250	115	70	818	524
V03B6B080*-L18*	3(2.8)	75	898	75	505	150~250	115	70	818	524
V03B6C080*-L18*	3(2.8)	75	1066	75	505	150~250	115	70	818	524
V05B6A060*-L18*	5	75	1050	75	505	150~250	140	100	818	581
V05B6B060*-L18*	5	75	1050	75	505	150~250	140	100	818	581
V05B6C060*-L18*	5	75	1250	75	505	150~250	140	100	818	581
V10B6A060*-L15*	10	114	1020	114	620	300~400	230	160	910	610
V10B6B060*-L15*	10	114	1300	114	620	300~400	230	160	910	610
V10B6C060*-L15*	10	114	1480	114	620	300~400	230	160	910	610

Speed* means no loading

LOW HEADROOM TYPE

REEVING: 4/1



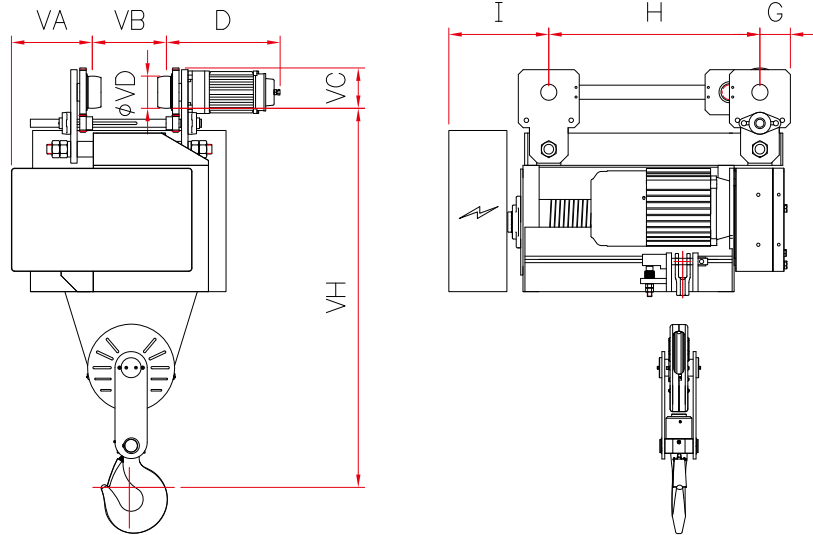
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V03C5A040*-L18*	3	6	M5	4	4.8	0.4->4->*8	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	4/1	8	6*37+FC
V03C5B040*-L18*	3	9	M5	4	4.8	0.4->4->*8	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	4/1	8	6*37+FC
V05C5A040*-L18*	5	6	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V05C5B040*-L18*	5	9	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V05C5C040*-L18*	5	12	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5A040*-L18*	6.3	6	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5B040*-L18*	6.3	9	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5C040*-L18*	6.3	12	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V10C5A030*-L15*	10	6	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC
V10C5B030*-L15*	10	9	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC
V10C5C030*-L15*	10	12	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC

Item No.	Load Cap (t)	G	H	I	VA	VB	VC	VD	VH	D
V03C5A040*-L18*	3	65	745	65	445	150~250	100	70	750	380
V03C5B040*-L18*	3	65	935	65	445	150~250	100	70	750	380
V05C5A040*-L18*	5	75	804	75	505	150~250	140	100	818	524
V05C5B040*-L18*	5	75	1000	75	505	150~250	140	100	818	524
V05C5C040*-L18*	5	75	1196	75	505	150~250	140	100	818	524
V06C5A040*-L18*	6.3	75	804	75	505	150~250	140	100	818	524
V06C5B040*-L18*	6.3	75	1000	75	505	150~250	140	100	818	524
V06C5C040*-L18*	6.3	75	1196	75	505	150~250	140	100	818	524
V10C5A030*-L15*	10	114	800	114	548	300~400	162	160	954	581
V10C5B030*-L15*	10	114	1248	114	548	300~400	162	160	954	581
V10C5C030*-L15*	10	114	1696	114	548	300~400	162	160	954	581

Speed* means no loading

MONO RAIL TYPE

REEVING: 2/1



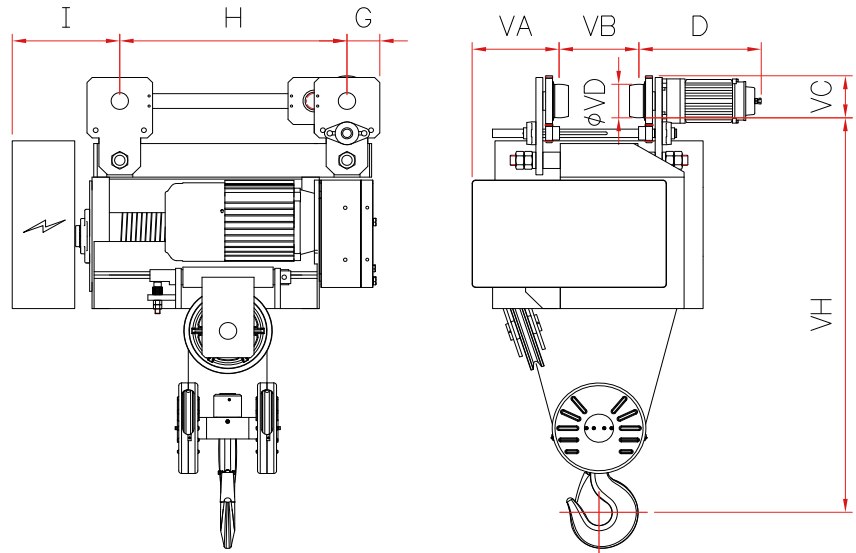
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V01A6A080*-V18*	1.5	6	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V01A6B080*-V18*	1.5	9	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V01A6C080*-V18*	1.5	12	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V03A6A080*-V18*	3(2.8)	6	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V03A6B080*-V18*	3(2.8)	9	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V03A6C080*-V18*	3(2.8)	12	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V05A6A060*-V18*	5	6	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V05A6B060*-V18*	5	9	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V05A6C060*-V18*	5	12	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V10A6A060*-V15*	10	6	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC
V10A6B060*-V15*	10	9	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC
V10A6C060*-V15*	10	12	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC

Item No.	Load Cap (t)	G	H	I	VA	VB	VC	VD	VH	D
V01A6A080*-V18*	1.5	95	360	250	155	150~250	110	70	1100	320
V01A6B080*-V18*	1.5	95	500	250	155	150~250	110	70	1100	320
V01A6C080*-V18*	1.5	95	640	250	155	150~250	110	70	1100	320
V03A6A080*-V18*	3(2.8)	95	540	350	215	150~250	125	100	1360	360
V03A6B080*-V18*	3(2.8)	95	640	350	215	150~250	125	100	1360	360
V03A6C080*-V18*	3(2.8)	95	740	350	215	150~250	125	100	1360	360
V05A6A060*-V18*	5	95	820	350	220	150~250	125	100	1580	360
V05A6B060*-V18*	5	95	920	350	220	150~250	125	100	1580	360
V05A6C060*-V18*	5	95	1020	350	220	150~250	125	100	1580	360
V10A6A060*-V15*	10	125	850	388	470	300~400	180	160	1870	380
V10A6B060*-V15*	10	125	850	388	470	300~400	180	160	1870	380
V10A6C060*-V15*	10	125	990	388	470	300~400	180	160	1870	380

Speed* means no loading

MONO RAIL TYPE

REEVING: 4/2



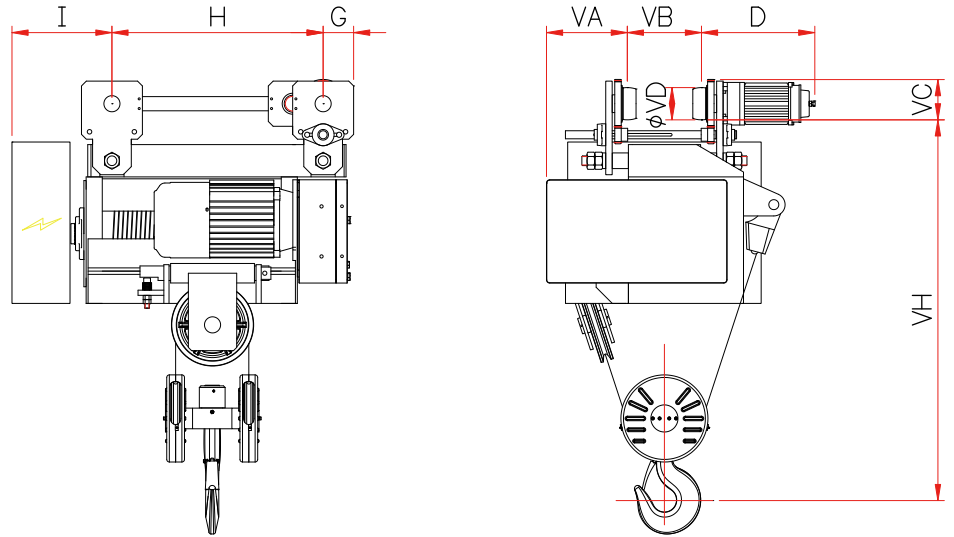
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V03B6A080*-V18*	3(2.8)	6	M6	8	9.6	0.8>8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V03B6B080*-V18*	3(2.8)	9	M6	8	9.6	0.8>8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V03B6C080*-V18*	3(2.8)	12	M6	8	9.6	0.8>8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V05B6A060*-V18*	5	6	M6	6	7.2	0.6>6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V05B6B060*-V18*	5	9	M6	6	7.2	0.6>6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V05B6C060*-V18*	5	12	M6	6	7.2	0.6>6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V10B6A060*-V15*	10	6	M6	6	7.2	0.6>6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC
V10B6B060*-V15*	10	9	M6	6	7.2	0.6>6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC
V10B6C060*-V15*	10	12	M6	6	7.2	0.6>6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC

Item No.	Load Cap (t)	G	H	I	VA	VB	VC	VD	VH	D
V03B6A080*-V18*	3(2.8)	100	791	380	195	150~250	100	70	1200	350
V03B6B080*-V18*	3(2.8)	100	991	380	195	150~250	100	70	1200	350
V03B6C080*-V18*	3(2.8)	100	1191	380	195	150~250	100	70	1200	350
V05B6A060*-V18*	5	100	1420	380	100	150~250	125	100	1430	350
V05B6B060*-V18*	5	100	1616	380	100	150~250	125	100	1430	350
V05B6C060*-V18*	5	100	1812	380	100	150~250	125	100	1430	350
V10B6A060*-V15*	10	100	1100	380	160	300~400	182	160	1600	422
V10B6B060*-V15*	10	100	1300	380	160	300~400	182	160	1600	422
V10B6C060*-V15*	10	100	1500	380	160	300~400	182	160	1600	422

Speed* means no loading

MONO RAIL TYPE

REEVING: 4/1



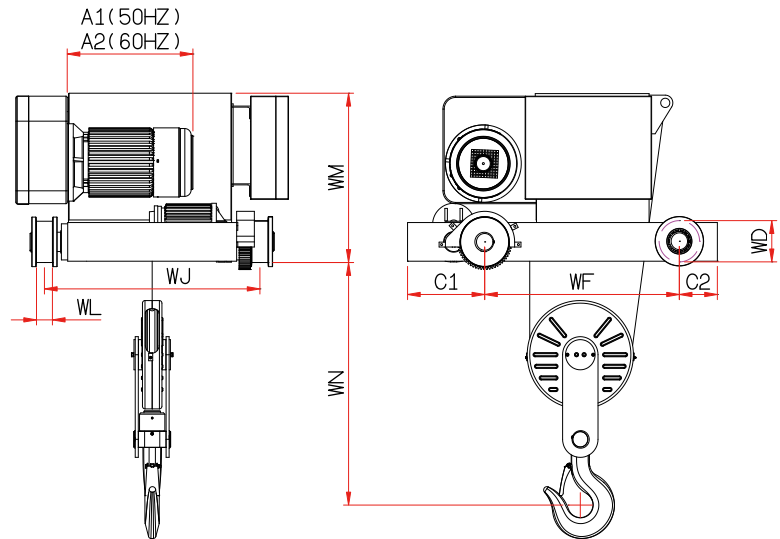
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V03C5A040*-V18*	3	6	M5	4	4.8	0.4->4->*8	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	4/1	8	6*37+FC
V03C5B040*-V18*	3	9	M5	4	4.8	0.4->4->*8	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	4/1	8	6*37+FC
V05C5A040*-V18*	5	6	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V05C5B040*-V18*	5	9	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V05C5C040*-V18*	5	12	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5A040*-V18*	6.3	6	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5B040*-V18*	6.3	9	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5C040*-V18*	6.3	12	M5	4	4.8	0.4->4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V10C5A030*-V15*	10	6	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC
V10C5B030*-V15*	10	9	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC
V10C5C030*-V15*	10	12	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC

Item No.	Load Cap (t)	G	H	I	VA	VB	VC	VD	VH	D
V03C5A040*-V18*	3	90	560	225	240	150~250	90	70	1200	343
V03C5B040*-V18*	3	90	750	225	240	150~250	90	70	1200	343
V05C5A040*-V18*	5	95	655	310	251	150~250	126	100	1180	353
V05C5B040*-V18*	5	95	851	310	251	150~250	126	100	1180	353
V05C5C040*-V18*	5	95	1047	310	251	150~250	126	100	1180	353
V06C5A040*-V18*	6.3	95	655	310	251	150~250	126	100	1180	353
V06C5B040*-V18*	6.3	95	851	310	251	150~250	126	100	1180	353
V06C5C040*-V18*	6.3	95	1047	310	251	150~250	126	100	1180	353
V10C5A030*-V15*	10	125	722	383	365	300~400	182	160	1453	422
V10C5B030*-V15*	10	125	946	383	365	300~400	182	160	1453	422
V10C5C030*-V15*	10	125	1170	383	365	300~400	182	160	1453	422

Speed* means no loading

DOUBLE RAIL TYPE

REEVING: 2/1



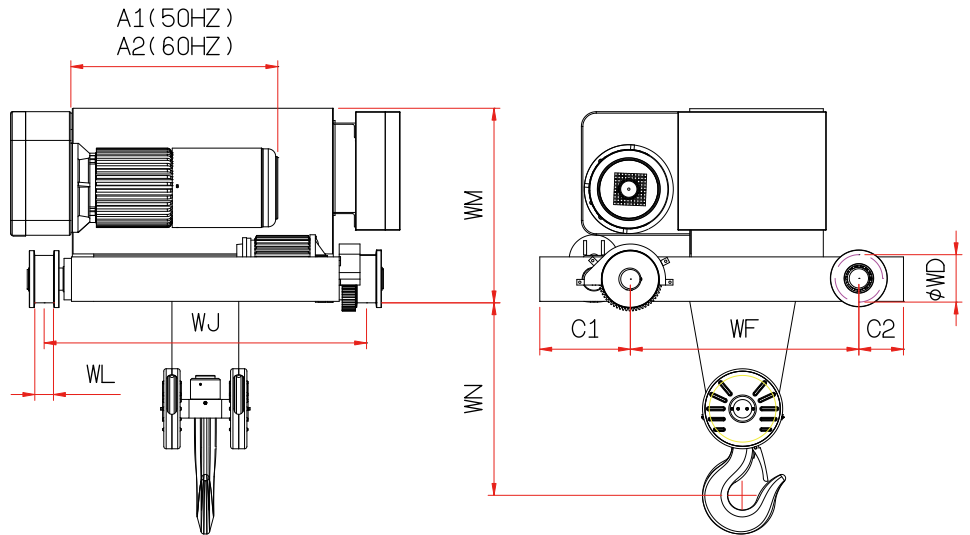
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single			Single			Single			Single			Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V01A6A080*-W18*	1.5	6	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V01A6B080*-W18*	1.5	9	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V01A6C080*-W18*	1.5	12	M6	8	9.6	0.8->8->*16	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	2/1	8	6*37+FC
V03A6A080*-W18*	3(2.8)	6	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V03A6B080*-W18*	3(2.8)	9	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V03A6C080*-W18*	3(2.8)	12	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	2/1	12	6*37+FC
V05A6A060*-W18*	5	6	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V05A6B060*-W18*	5	9	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V05A6C060*-W18*	5	12	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	2/1	14	6*Fi(29)IWRC
V10A6A060*-W15*	10	6	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC
V10A6B060*-W15*	10	9	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC
V10A6C060*-W15*	10	12	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	2/1	20	6*Fi(29)IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V01A6A080*-W18*	1.5	500	500	65	50	45	80	800	500	360	450
V01A6B080*-W18*	1.5	500	500	65	50	45	80	800	500	360	450
V01A6C080*-W18*	1.5	500	500	65	50	45	80	800	500	360	450
V03A6A080*-W18*	3(2.8)	644	644	50	75	60	80	800	673	606	680
V03A6B080*-W18*	3(2.8)	644	644	50	75	60	80	800	673	606	680
V03A6C080*-W18*	3(2.8)	644	644	50	75	60	80	800	673	606	680
V05A6A060*-W18*	5	782	782	230	80	60	100	980	684	625	610
V05A6B060*-W18*	5	782	782	230	80	60	100	980	684	625	610
V05A6C060*-W18*	5	782	782	230	80	60	100	980	684	625	610
V10A6A060*-W15*	10	1008	1008	295	150	63	160	1230	940	656	770
V10A6B060*-W15*	10	1008	1008	295	150	63	160	1230	940	656	770
V10A6C060*-W15*	10	1008	1008	295	150	63	160	1230	940	656	770

Speed* means no loading

DOUBLE RAIL TYPE

REEVING: 4/2



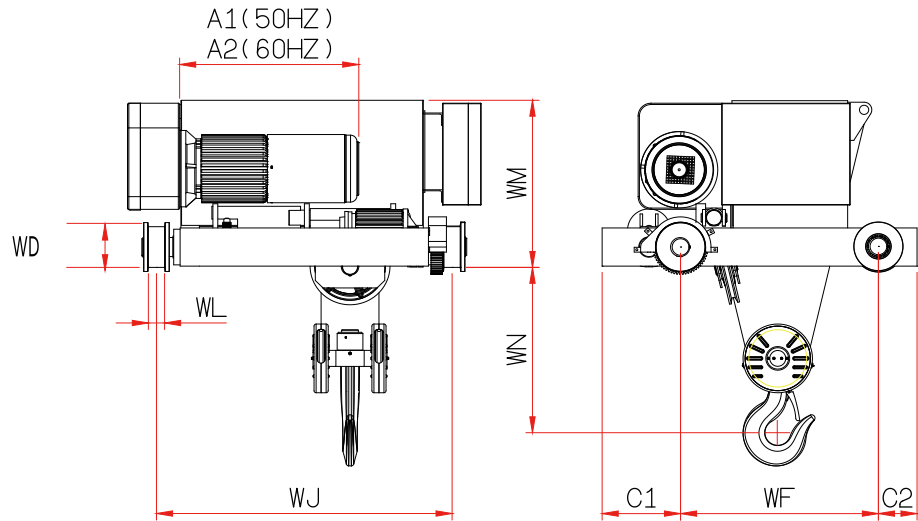
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V03B6A080*-W18*	3(2.8)	6	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V03B6B080*-W18*	3(2.8)	9	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V03B6C080*-W18*	3(2.8)	12	M6	8	9.6	0.8->8->*16	4.5	5.5	4.5	18	21	4.5->18	0.25	0.25	0.25	4/2	8	6*37+FC
V05B6A060*-W18*	5	6	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V05B6B060*-W18*	5	9	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V05B6C060*-W18*	5	12	M6	6	7.2	0.6->6->*12	5.5	7.5	5.5	18	21	4.5->18	0.6	0.6	0.6	4/2	12	6*37+FC
V10B6A060*-W15*	10	6	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC
V10B6B060*-W15*	10	9	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC
V10B6C060*-W15*	10	12	M6	6	7.2	0.6->6->*12	11	15	11	15	18	3.75->15	1.1	1.1	1.1	4/2	14	6*Fi(29)IWRC
V20B6A060*-W15*	20	6	M6	—	—	0.6->6->*12	—	—	22	—	—	3.75->15	—	—	1.5	4/2	20	6*Fi(29)IWRC
V20B6B060*-W15*	20	9	M6	—	—	0.6->6->*12	—	—	22	—	—	3.75->15	—	—	1.5	4/2	20	6*Fi(29)IWRC
V20B6C060*-W15*	20	12	M6	—	—	0.6->6->*12	—	—	22	—	—	3.75->15	—	—	1.5	4/2	20	6*Fi(29)IWRC
V30B6A056*-W15*	30	6	M6	—	—	0.56->5.6->*11.2	—	—	37.5	—	—	3.75->15	—	—	1.1x2	4/2	25	6*Fi(29)IWRC
V30B6B056*-W15*	30	9	M6	—	—	0.56->5.6->*11.2	—	—	37.5	—	—	3.75->15	—	—	1.1x2	4/2	25	6*Fi(29)IWRC
V30B6C056*-W15*	30	12	M6	—	—	0.56->5.6->*11.2	—	—	37.5	—	—	3.75->15	—	—	1.1x2	4/2	25	6*Fi(29)IWRC

Item No.	Load Cao (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V03B6A080*-W18*	3(2.8)	644	644	205	75	60	70	1065	509	606	455
V03B6B080*-W18*	3(2.8)	644	644	205	75	60	70	1250	509	606	455
V03B6C080*-W18*	3(2.8)	644	644	205	75	60	70	1410	509	606	455
V05B6A060*-W18*	5	782	782	230	80	60	100	885	541	625	610
V05B6B060*-W18*	5	782	782	230	80	60	100	1006	541	625	610
V05B6C060*-W18*	5	782	782	230	80	60	100	1450	541	625	610
V10B6A060*-W15*	10	1008	1008	300	150	60	160	950	790	656	770
V10B6B060*-W15*	10	1008	1008	300	150	60	160	1050	790	656	770
V10B6C060*-W15*	10	1008	1008	300	150	60	160	1210	790	656	770
V20B6A060*-W15*	20	1090	1090	375	175	60	200	1400	1000	760	950
V20B6B060*-W15*	20	1090	1090	375	175	60	200	1590	1000	760	950
V20B6C060*-W15*	20	1090	1090	375	175	60	200	1790	1000	760	950
V30B6A056*-W15*	30	1090	1090	375	254	65	320	1670	1000	1170	1570
V30B6B056*-W15*	30	1090	1090	375	254	65	320	1820	1000	1170	1570
V30B6C056*-W15*	30	1090	1090	375	254	65	320	1970	1000	1170	1570

Speed* means no loading

DOUBLE RAIL TYPE

REEVING: 4/1



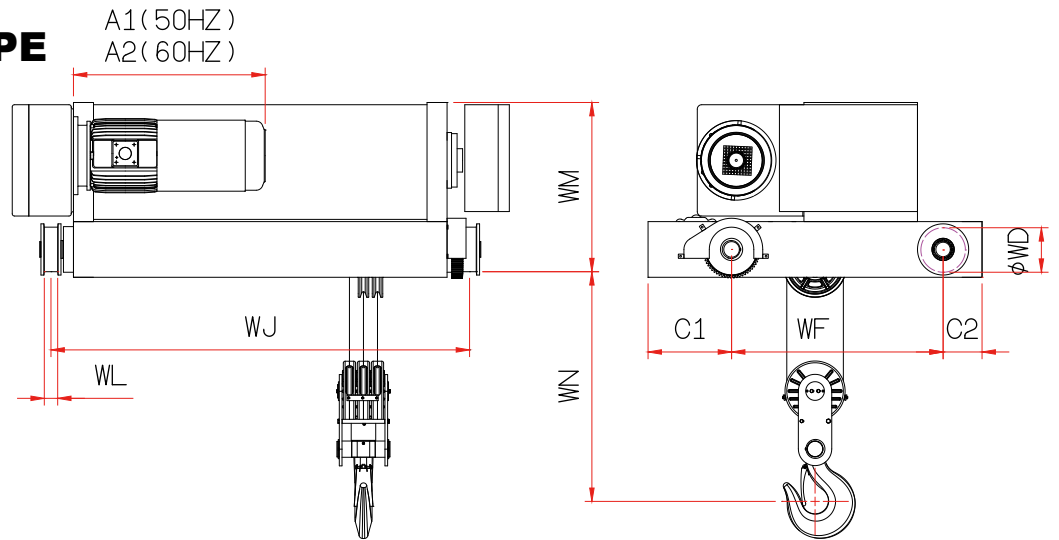
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V03C5A040*-W18*	3	6	M5	4	4.8	0.4>4->*8	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	4/1	8	6*37+FC
V03C5B040*-W18*	3	9	M5	4	4.8	0.4>4->*8	2.2	2.5	2.2	18	21	4.5->18	0.25	0.25	0.25	4/1	8	6*37+FC
V05C5A040*-W18*	5	6	M5	4	4.8	0.4>4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V05C5B040*-W18*	5	9	M5	4	4.8	0.4>4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V05C5C040*-W18*	5	12	M5	4	4.8	0.4>4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5A040*-W18*	6.3	6	M5	4	4.8	0.4>4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5B040*-W18*	6.3	9	M5	4	4.8	0.4>4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V06C5C040*-W18*	6.3	12	M5	4	4.8	0.4>4->*8	4.5	5.5	4.5	18	21	4.5->18	0.6	0.6	0.6	4/1	12	6*37+FC
V10C5A030*-W15*	10	6	M5	3	3.6	0.3>3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC
V10C5B030*-W15*	10	9	M5	3	3.6	0.3>3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC
V10C5C030*-W15*	10	12	M5	3	3.6	0.3>3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	4/1	14	6*Fi(29)IWRC
V15C6A030*-W15*	15	6	M6	3	3.6	0.3>3->*6	11	11	11	15	18	3.75->15	1.1	1.1	1.1	4/1	20	6*Fi(29)IWRC
V15C6B030*-W15*	15	9	M6	3	3.6	0.3>3->*6	11	11	11	15	18	3.75->15	1.1	1.1	1.1	4/1	20	6*Fi(29)IWRC
V15C6C030*-W15*	15	12	M6	3	3.6	0.3>3->*6	11	11	11	15	18	3.75->15	1.1	1.1	1.1	4/1	20	6*Fi(29)IWRC
V20C5A030*-W15*	20	6	M5	3	3.6	0.3>3->*6	11	15	11	15	18	3.75->15	1.5	1.5	1.5	4/1	20	6*Fi(29)IWRC
V20C5B030*-W15*	20	9	M5	3	3.6	0.3>3->*6	11	15	11	15	18	3.75->15	1.5	1.5	1.5	4/1	20	6*Fi(29)IWRC
V20C5C030*-W15*	20	12	M5	3	3.6	0.3>3->*6	11	15	11	15	18	3.75->15	1.5	1.5	1.5	4/1	20	6*Fi(29)IWRC
V25C5A030*-W15*	25	6	M5	—	—	0.3>3->*6	—	—	15	—	—	3.75->15	—	—	1.5	4/1	20	6*Fi(29)IWRC
V25C5B030*-W15*	25	9	M5	—	—	0.3>3->*6	—	—	15	—	—	3.75->15	—	—	1.5	4/1	20	6*Fi(29)IWRC
V25C5C030*-W15*	25	12	M5	—	—	0.3>3->*6	—	—	15	—	—	3.75->15	—	—	1.5	4/1	20	6*Fi(29)IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V03C5A040*-W18*	3	500	500	65	50	45	80	1000	500	360	450
V03C5B040*-W18*	3	500	500	65	50	45	80	1230	500	360	450
V05C5A040*-W18*	5	644	644	133	80	60	100	820	541	625	610
V05C5B040*-W18*	5	644	644	133	80	60	100	1230	541	625	610
V05C5C040*-W18*	5	644	644	133	80	60	100	1430	541	625	610
V06C5A040*-W18*	6.3	644	644	133	80	60	100	820	541	625	610
V06C5B040*-W18*	6.3	644	644	133	80	60	100	1230	541	625	610
V06C5C040*-W18*	6.3	644	644	133	80	60	100	1430	541	625	610
V10C5A030*-W15*	10	782	782	295	150	60	160	940	650	656	770
V10C5B030*-W15*	10	782	782	295	150	60	160	1460	650	656	770
V10C5C030*-W15*	10	782	782	295	150	60	160	1580	650	656	770
V15C5A030*-W15*	15	1008	1008	375	175	60	200	1170	1000	760	950
V15C5B030*-W15*	15	1008	1008	375	175	60	200	1710	1000	760	950
V15C5C030*-W15*	15	1008	1008	375	175	60	200	1960	1000	760	950
V20C5A030*-W15*	20	1008	1008	375	175	60	200	1170	1000	760	950
V20C5B030*-W15*	20	1008	1008	375	175	60	200	1710	1000	760	950
V20C5C030*-W15*	20	1008	1008	375	175	60	200	1960	1000	760	950
V25C5A030*-W15*	25	1008	1008	375	175	60	250	1170	1000	760	950
V25C5B030*-W15*	25	1008	1008	375	175	60	250	1800	1000	760	950
V25C5C030*-W15*	25	1008	1008	375	175	60	250	1960	1000	760	950

Speed* means no loading

DOUBLE RAIL TYPE

REEVING: 6/1



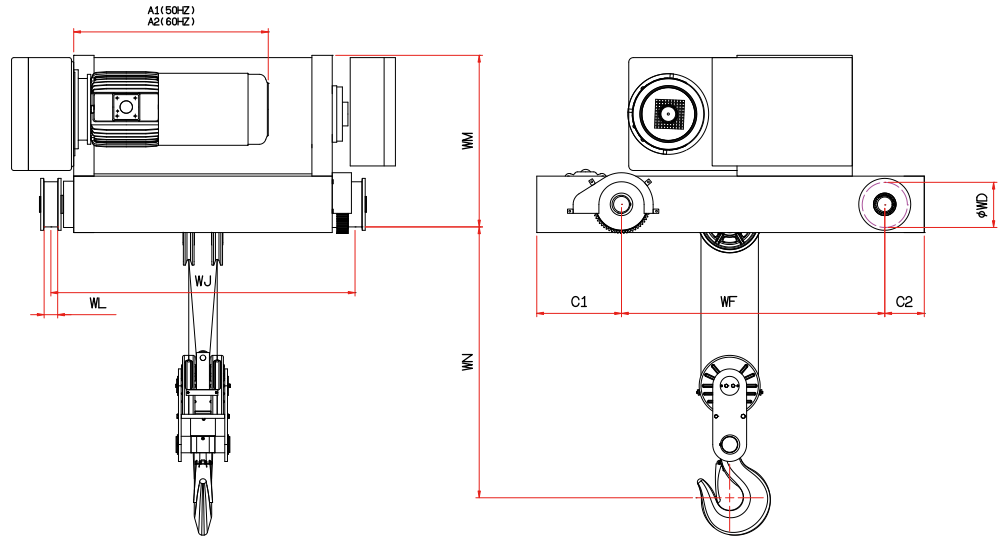
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V10D4A027*-W15*	10	6	M4	2.7	3.2	0.27->2.7->*5.4	4.5	5.5	4.5	15	18	3.75->15	1.1	1.1	1.1	6/1	12	6*37+FC
V10D4B027*-W15*	10	9	M4	2.7	3.2	0.27->2.7->*5.4	4.5	5.5	4.5	15	18	3.75->15	1.1	1.1	1.1	6/1	12	6*37+FC
V10D4C027*-W15*	10	12	M4	2.7	3.2	0.27->2.7->*5.4	4.5	5.5	4.5	15	18	3.75->15	1.1	1.1	1.1	6/1	12	6*37+FC
V15D4A020*-W15*	15	6	M4	2	2.4	0.2->2->*4	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	6/1	14	6*Fi(29)IWRC
V15D4B020*-W15*	15	9	M4	2	2.4	0.2->2->*4	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	6/1	14	6*Fi(29)IWRC
V15D4C020*-W15*	15	12	M4	2	2.4	0.2->2->*4	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	6/1	14	6*Fi(29)IWRC
V25D5A020*-W15*	25	6	M5	2	2.4	0.2->2->*4	11	15	11	15	18	3.75->15	1.5	1.5	1.5	6/1	20	6*Fi(29)+IWRC
V25D5B020*-W15*	25	9	M5	2	2.4	0.2->2->*4	11	15	11	15	18	3.75->15	1.5	1.5	1.5	6/1	20	6*Fi(29)+IWRC
V25D5C020*-W15*	25	12	M5	2	2.4	0.2->2->*4	11	15	11	15	18	3.75->15	1.5	1.5	1.5	6/1	20	6*Fi(29)+IWRC
V30D4A020*-W13*	30	6	M4	2	2.4	0.2->2->*4	11	15	11	13	15	3.25->13	1.5	1.5	1.5	6/1	20	6*Fi(29)+IWRC
V30D4B020*-W13*	30	9	M4	2	2.4	0.2->2->*4	11	15	11	13	15	3.25->13	1.5	1.5	1.5	6/1	20	6*Fi(29)+IWRC
V30D4C020*-W13*	30	12	M4	2	2.4	0.2->2->*4	11	15	11	13	15	3.25->13	1.5	1.5	1.5	6/1	20	6*Fi(29)+IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V10D4A027*-W15*	10	782	782	295	150	60	160	1335	868	656	770
V10D4B027*-W15*	10	782	782	295	150	60	160	1620	868	656	770
V10D4C027*-W15*	10	782	782	295	150	60	160	1900	868	656	770
V15D4A020*-W15*	15	782	782	375	175	60	200	1285	1108	760	950
V15D4B020*-W15*	15	782	782	375	175	60	200	1605	1108	760	950
V15D4C020*-W15*	15	782	782	375	175	60	200	1925	1108	760	950
V25D5A020*-W15*	25	1008	1008	375	243	65	250	1300	1275	800	1165
V25D5B020*-W15*	25	1008	1008	375	243	65	250	1650	1275	800	1165
V25D5C020*-W15*	25	1008	1008	375	243	65	250	2000	1275	800	1165
V30D4A020*-W13*	30	1008	1008	375	243	65	250	1300	1275	800	1165
V30D4B020*-W13*	30	1008	1008	375	243	65	250	1650	1275	800	1165
V30D4C020*-W13*	30	1008	1008	375	243	65	250	2000	1275	800	1165

Speed* means no loading

DOUBLE RAIL TYPE

REEVING: 6/2

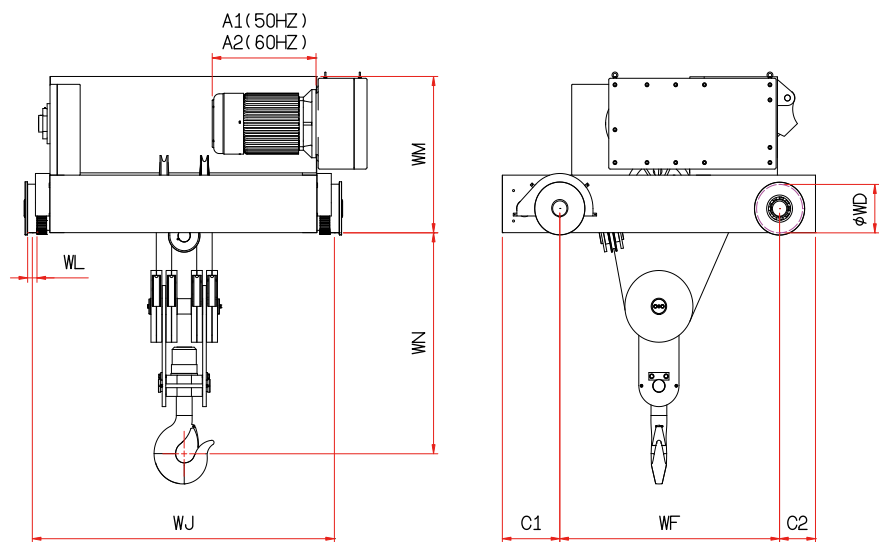


Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V15E6A040*-W15*	15	6	M6	4	4.8	0.4->4->*8	11	15	11	15	18	3.75->15	1.1	1.1	1.1	6/2	14	6*Fi(29)+IWRC
V15E6B040*-W15*	15	9	M6	4	4.8	0.4->4->*8	11	15	11	15	18	3.75->15	1.1	1.1	1.1	6/2	14	6*Fi(29)+IWRC
V15E6C040*-W15*	15	12	M6	4	4.8	0.4->4->*8	11	15	11	15	18	3.75->15	1.1	1.1	1.1	6/2	14	6*Fi(29)+IWRC
V25E6A040*-W15*	25	6	M6	4	4.8	0.4->4->*8	22	26.5	22	15	18	3.75->15	1.5	1.5	1.5	6/2	20	6*Fi(29)+IWRC
V25E6B040*-W15*	25	9	M6	4	4.8	0.4->4->*8	22	26.5	22	15	18	3.75->15	1.5	1.5	1.5	6/2	20	6*Fi(29)+IWRC
V25E6C040*-W15*	25	12	M6	4	4.8	0.4->4->*8	22	26.5	22	15	18	3.75->15	1.5	1.5	1.5	6/2	20	6*Fi(29)+IWRC
V30E5A040*-W13*	30	6	M5	—	—	0.4->4->*8	—	—	22	—	—	3.25->13	—	—	1.5	6/2	20	6*Fi(29)+IWRC
V30E5B040*-W13*	30	9	M5	—	—	0.4->4->*8	—	—	22	—	—	3.25->13	—	—	1.5	6/2	20	6*Fi(29)+IWRC
V30E5C040*-W13*	30	12	M5	—	—	0.4->4->*8	—	—	22	—	—	3.25->13	—	—	1.5	6/2	20	6*Fi(29)+IWRC
V45E5A037*-W13*	45	6	M5	—	—	0.37->3.7->*7.4	—	—	37.5	—	—	3.25->13	—	—	1.1x2	6/2	25	6*Fi(29)+IWRC
V45E5B037*-W13*	45	9	M5	—	—	0.37->3.7->*7.4	—	—	37.5	—	—	3.25->13	—	—	1.1x2	6/2	25	6*Fi(29)+IWRC
V45E5C037*-W13*	45	12	M5	—	—	0.37->3.7->*7.4	—	—	37.5	—	—	3.25->13	—	—	1.1x2	6/2	25	6*Fi(29)+IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V15E6A040*-W15*	15	782	782	375	175	60	200	1120	1000	760	950
V15E6B040*-W15*	15	782	782	375	175	60	200	1400	1000	760	950
V15E6C040*-W15*	15	782	782	375	175	60	200	1650	1000	760	950
V25E6A040*-W15*	25	1090	1090	375	243	65	250	1350	1572	800	1165
V25E6B040*-W15*	25	1090	1090	375	243	65	250	1910	1572	800	1165
V25E6C040*-W15*	25	1090	1090	375	243	65	250	2190	1572	800	1165
V30E5A040*-W13*	30	1090	1090	375	243	65	250	1335	1572	800	1165
V30E5B040*-W13*	30	1090	1090	375	243	65	250	1910	1572	800	1165
V30E5C040*-W13*	30	1090	1090	375	243	65	250	2190	1572	800	1165
V45E5A037*-W13*	45	1090	1090	400	266	85	320	1780	1572	1325	1530
V45E5B037*-W13*	45	1090	1090	400	266	85	320	2060	1572	1325	1530
V45E5C037*-W13*	45	1090	1090	400	266	85	320	2340	1572	1325	1530

Speed* means no loading

DOUBLE RAIL TYPE
REEVING: 8/1



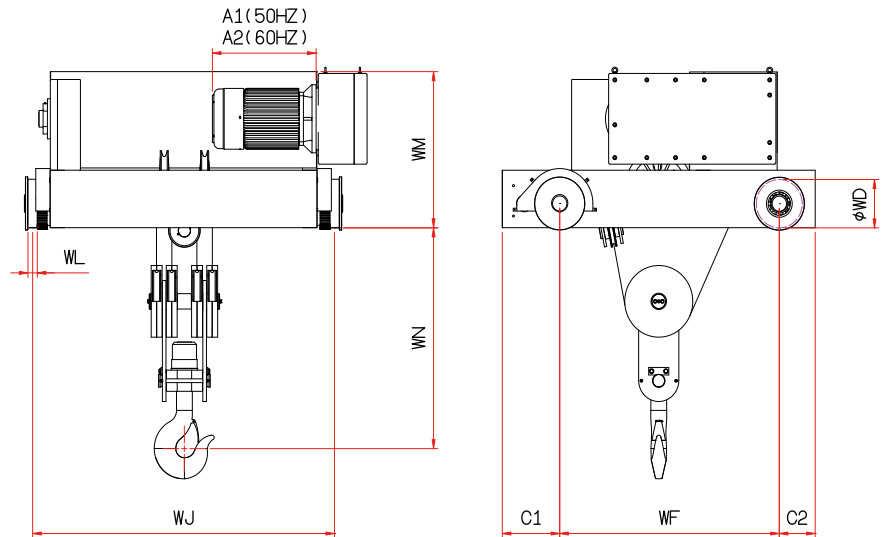
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	ϕ mm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V40F4B015*-W13*	40	9	M4	—	—	0.15->1.5->*3	—	—	11	—	—	3.25->13	—	—	1.1*2	8/1	20	6*Fi(29)IWRC
V40F4D015*-W13*	40	15	M4	—	—	0.15->1.5->*3	—	—	11	—	—	3.25->13	—	—	1.1*2	8/1	20	6*Fi(29)IWRC
V40F4F015*-W13*	40	21	M4	—	—	0.15->1.5->*3	—	—	11	—	—	3.25->13	—	—	1.1*2	8/1	20	6*Fi(29)IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V40F4B015*-W13*	40	1008	1008	400	255	65	320	2260	1461	1032	1530
V40F4D015*-W13*	40	1008	1008	400	255	65	320	3180	1461	1032	1530
V40F4F015*-W13*	40	1008	1008	400	255	65	320	4100	1461	1032	1530

Speed* means no loading

DOUBLE RAIL TYPE

REEVING: 8/2



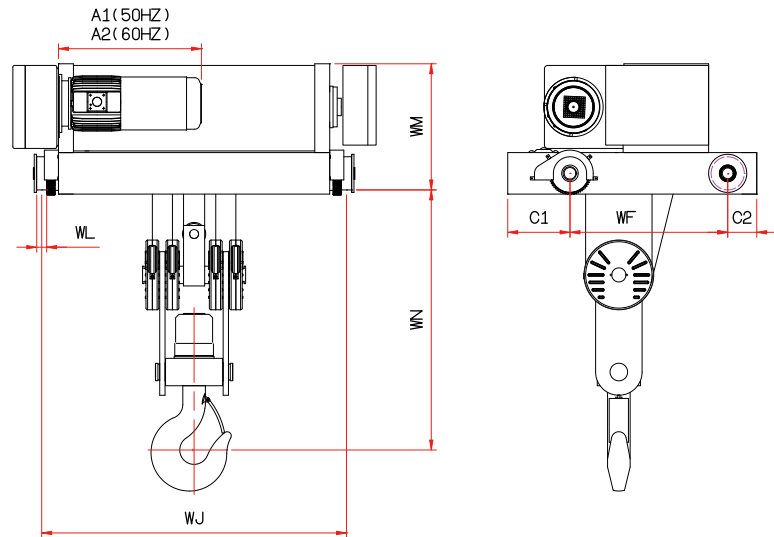
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V10G5A030*-W15*	10	6	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	8/2	12	6*37+FC
V10G5B030*-W15*	10	9	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	8/2	12	6*37+FC
V10G5C030*-W15*	10	12	M5	3	3.6	0.3->3->*6	5.5	7.5	5.5	15	18	3.75->15	1.1	1.1	1.1	8/2	12	6*37+FC
V20G5A030*-W15*	20	6	M5	3	3.6	0.3->3->*6	11	15	11	15	18	3.75->15	1.5	1.5	1.5	8/2	14	6*Fi(29)+IWRC
V20G5B030*-W15*	20	9	M5	3	3.6	0.3->3->*6	11	15	11	15	18	3.75->15	1.5	1.5	1.5	8/2	14	6*Fi(29)+IWRC
V20G5C030*-W15*	20	12	M5	3	3.6	0.3->3->*6	11	15	11	15	18	3.75->15	1.5	1.5	1.5	8/2	14	6*Fi(29)+IWRC
V40G5B030*-W13*	40	9	M5	—	—	0.3->3->*6	—	—	22	—	—	3.25->13	—	—	1.1*2	8/2	20	6*Fi(29)+IWRC
V40G5D030*-W13*	40	15	M5	—	—	0.3->3->*6	—	—	22	—	—	3.25->13	—	—	1.1*2	8/2	20	6*Fi(29)+IWRC
V40G5F030*-W13*	40	21	M5	—	—	0.3->3->*6	—	—	22	—	—	3.25->13	—	—	1.1*2	8/2	20	6*Fi(29)+IWRC
V60G5B028*-W13*	60	9	M5	—	—	0.28->2.8->*5.6	—	—	37.5	—	—	3.25->13	—	—	1.1*2	8/2	25	6*Fi(29)+IWRC
V60G5D028*-W13*	60	15	M5	—	—	0.28->2.8->*5.6	—	—	37.5	—	—	3.25->13	—	—	1.1*2	8/2	25	6*Fi(29)+IWRC
V60G5F028*-W13*	60	21	M5	—	—	0.28->2.8->*5.6	—	—	37.5	—	—	3.25->13	—	—	1.1*2	6/2	25	6*Fi(29)+IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V10G4A030*-W15*	10	782	782	295	150	60	160	1470	650	656	970
V10G4B030*-W15*	10	782	782	295	150	60	160	1850	650	656	970
V10G4C030*-W15*	10	782	782	295	150	60	160	2230	650	656	970
V20G5A030*-W15*	20	1008	1008	375	175	60	200	1195	1000	760	1150
V20G5B030*-W15*	20	1008	1008	375	175	60	200	1515	1000	760	1150
V20G5C030*-W15*	20	1008	1008	375	175	60	200	1835	1000	760	1150
V40G5B030*-W13*	40	1090	1090	400	255	65	320	2100	1461	1032	1530
V40G5D030*-W13*	40	1090	1090	400	255	65	320	2900	1461	1032	1530
V40G5F030*-W13*	40	1090	1090	400	255	65	320	3800	1461	1032	1530
V60G5B028*-W13*	60	1090	1090	400	255	75	400	2060	1840	1032	1530
V60G5D028*-W13*	60	1090	1090	400	255	75	400	2780	1840	1032	1530
V60G5F028*-W13*	60	1090	1090	400	255	75	400	3450	1840	1032	1530

Speed* means no loading

DOUBLE RAIL TYPE

REEVING: 10/2

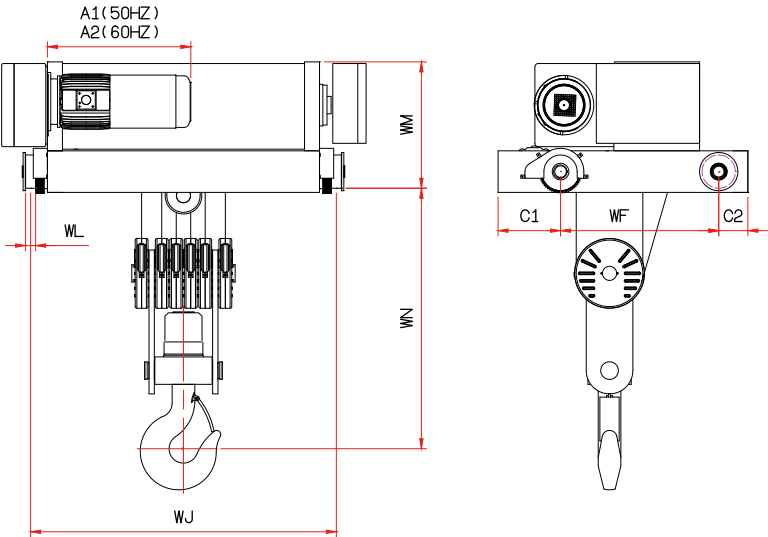


Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V50H5B024*-W13*	50	9	M5	—	—	0.24->2.4->*4.8	—	—	22	—	—	3.25->13	—	—	1.1*2	10/2	20	6*Fi(29)IWRC
V50H5D024*-W13*	50	15	M5	—	—	0.24->2.4->*4.8	—	—	22	—	—	3.25->13	—	—	1.1*2	10/2	20	6*Fi(29)IWRC
V50H5F024*-W13*	50	21	M5	—	—	0.24->2.4->*4.8	—	—	22	—	—	3.25->13	—	—	1.1*2	10/2	20	6*Fi(29)IWRC
V80H4C022*-W11*	80	12	M4	—	—	0.22->2.2->*4.4	—	—	37.5	—	—	2.75->11	—	—	1.1*2	10/2	25	6*Fi(29)IWRC
V80H4D022*-W11*	80	15	M4	—	—	0.22->2.2->*4.4	—	—	37.5	—	—	2.75->11	—	—	1.1*2	10/2	25	6*Fi(29)IWRC
V80H4E022*-W11*	80	18	M4	—	—	0.22->2.2->*4.4	—	—	37.5	—	—	2.75->11	—	—	1.1*2	10/2	25	6*Fi(29)IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V50H5B024*-W13*	50	1090	1090	230	232	85	320	2150	1840	960	1530
V50H5D024*-W13*	50	1090	1090	230	232	85	320	2980	1840	960	1530
V50H5F024*-W13*	50	1090	1090	230	232	85	320	2980	1840	960	1530
V80H4C022*-W11*	80	1090	1090	400	266	75	400	3200	1502	1070	1530
V80H4D022*-W11*	80	1090	1090	400	266	75	400	4000	1502	1070	1530
V80H4E022*-W11*	80	1090	1090	400	266	75	400	4800	1502	1070	1530

Speed* means no loading

DOUBLE RAIL TYPE
REEVING: 12/2

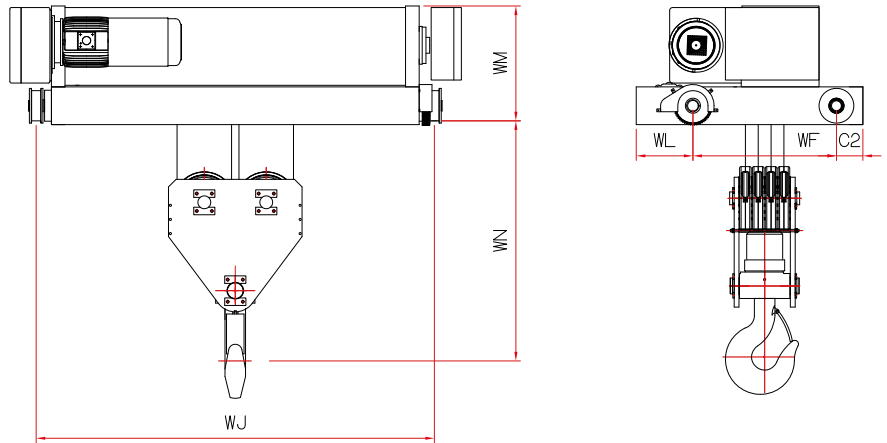


Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V60I4B020*-W13*	60	9	M4	—	—	0.2->2->*4	—	—	22	—	—	3.25->13	—	—	1.1*2	12/2	20	6*Fi(29)+IWRC
V60I4C020*-W13*	60	12	M4	—	—	0.2->2->*4	—	—	22	—	—	3.25->13	—	—	1.1*2	12/2	20	6*Fi(29)+IWRC
V60I4E020*-W13*	60	18	M4	—	—	0.2->2->*4	—	—	22	—	—	3.25->13	—	—	1.1*2	12/2	20	6*Fi(29)+IWRC
V1KI4D018*-W11*	100	15	M4	—	—	0.18->1.8->*3.6	—	—	37.5	—	—	2.75->11	—	—	1.5*2	12/2	25	6*Fi(29)+IWRC
V1KI4F018*-W11*	100	21	M4	—	—	0.18->1.8->*3.6	—	—	37.5	—	—	2.75->11	—	—	1.5*2	12/2	25	6*Fi(29)+IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V60I4B020*-W13*	60	1090	1090	400	266	75	400	3200	1502	1070	1530
V60I4C020*-W13*	60	1090	1090	400	266	75	400	3800	1502	1070	1530
V60I4E020*-W13*	60	1090	1090	400	266	75	400	5000	1502	1070	1530
V1KI4D018*-W11*	100	1090	1090	400	266	75	400	4000	1502	1070	1530
V1KI4F018*-W11*	100	1090	1090	400	266	75	400	5000	1502	1070	1530

Speed* means no loading

DOUBLE RAIL TYPE REEVING: 16/2

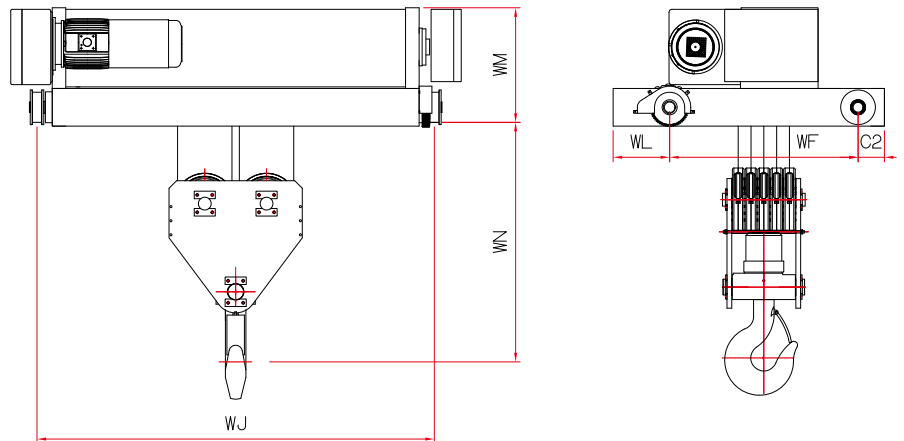


Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V80J4D015*-W11*	80	15	M4	—	—	0.15->1.5->2	—	—	22	—	—	2.75->11	—	—	1.1*2	16/2	20	6*Fi(29)+IWRC
VK2J4E014*-W11*	120	18	M4	—	—	0.14->1.4->2.8	—	—	37.5	—	—	2.75->11	—	—	1.5*2	16/2	25	6*Fi(29)+IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V80J4D015*-W11*	80	1090	1090	290	290	80	400	4030	1800	1300	2300
VK2J4E014*-W11*	120	1090	1090	290	290	80	400	5130	1800	1300	2300

Speed* means no loading

DOUBLE RAIL TYPE REEVING: 20/2



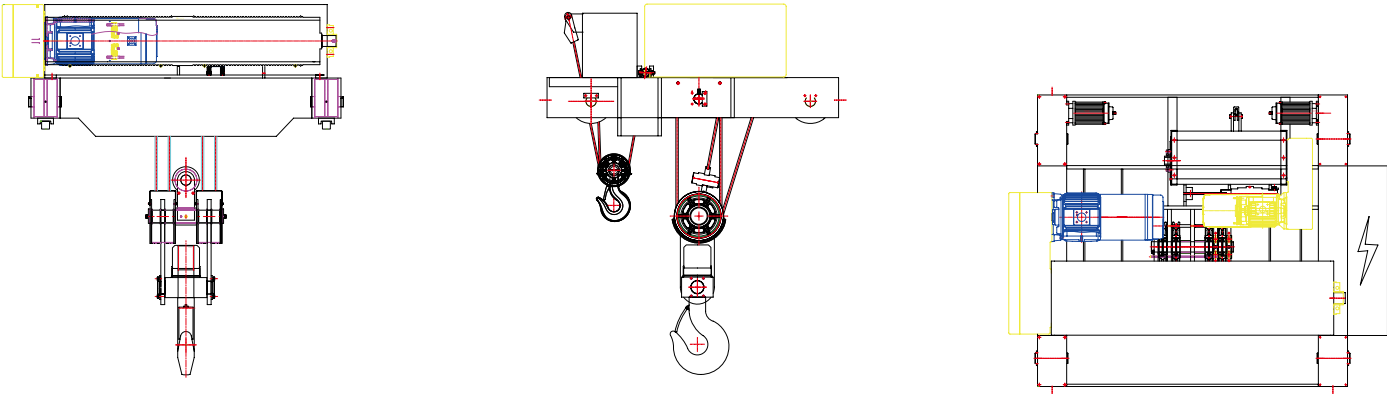
Item No.	Load Cap (t)	LIFT (m)	DUTY (ISO)	Lifting Speed(MPM)			Lifting Motor (KW)			Trolley Speed(MPM)			Trolley Motor (KW)			Wire Rope		
				Single		Inverter	Single		Inverter	Single		Inverter	Single		Inverter	Fall No.	Ømm	structure
				50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ	50HZ	60HZ	50HZ/60HZ			
V1KK4C012*-W11*	100	10	M4	—	—	0.12->1.2->2.4	—	—	22	—	—	2.75->11	—	—	1.5*2	20/2	20	6*Fi(29)+IWRC

Item No.	Load Cap (t)	A1	A2	C1	C2	WL	WD	WJ	WN	WM	WF
V1KK4C012*-W11*	100	1090	1090	290	290	80	400	4700	1920	1300	2300

Speed* means no loading

TWIN HOIST TYPE

※ COMBINATION OF TWO HOISTS
※ HEAVY AND LIGHT DUTY HOIST MOUNTED ON THE SAME DOUBLE RAIL TROLLEY



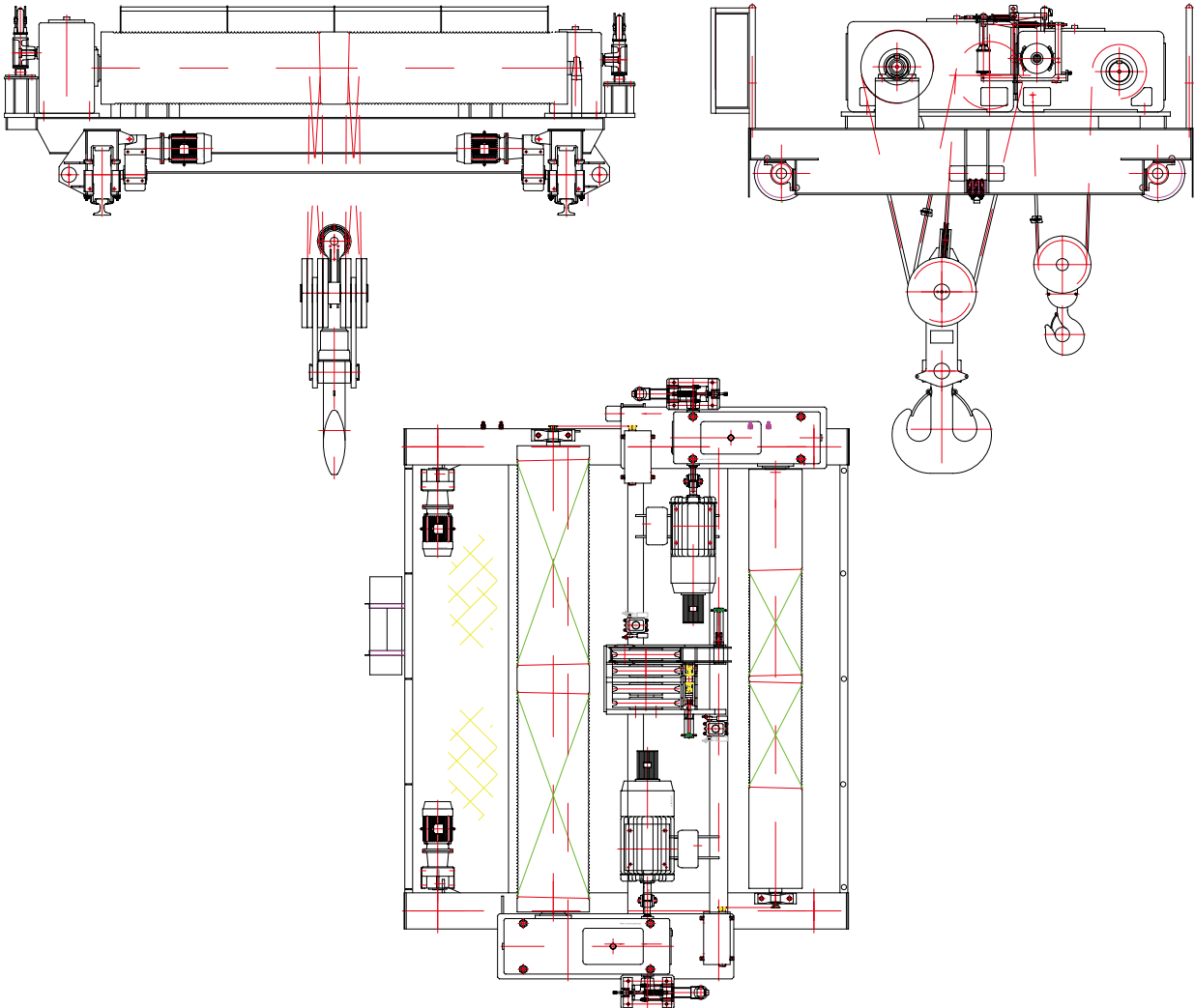
Load Cap (t) Main / Aux.	Main Hoist							AUX. Hoist							Trolley Motor	
	Lift (m)	DUTY (ISO)	Lifting Speed (MPM) Inverter Control (50HZ/60HZ)	Lifting Motor Inverter Control (50HZ/60HZ)	Wire Rope Fall No.	Ømm	structure	Lift (m)	DUTY (ISO)	Lifting Speed (MPM) Inverter Control (50HZ/60HZ)	Lifting Motor Inverter Control (50HZ/60HZ)	Wire Rope Fall No.	Ømm	structure	50HZ/60HZ	50HZ/60HZ
~SPEC AS REQUEST~															DEPENDS ON MAIN HOIST	

※ DIMENSION : ACCORDING TO DESIGN DRAWING

※ OTHER SPEC. REQUIREMENT CAN BE DESIGNED

OPEN WINCH TYPE

※ SPECIAL APPLICATION WITH SPECIAL SPEC DEPENDS ON CUSTOMER'S REQUEST.



• **Hoist Duty Group is determined by the load spectrum and operating time**

Chart A.

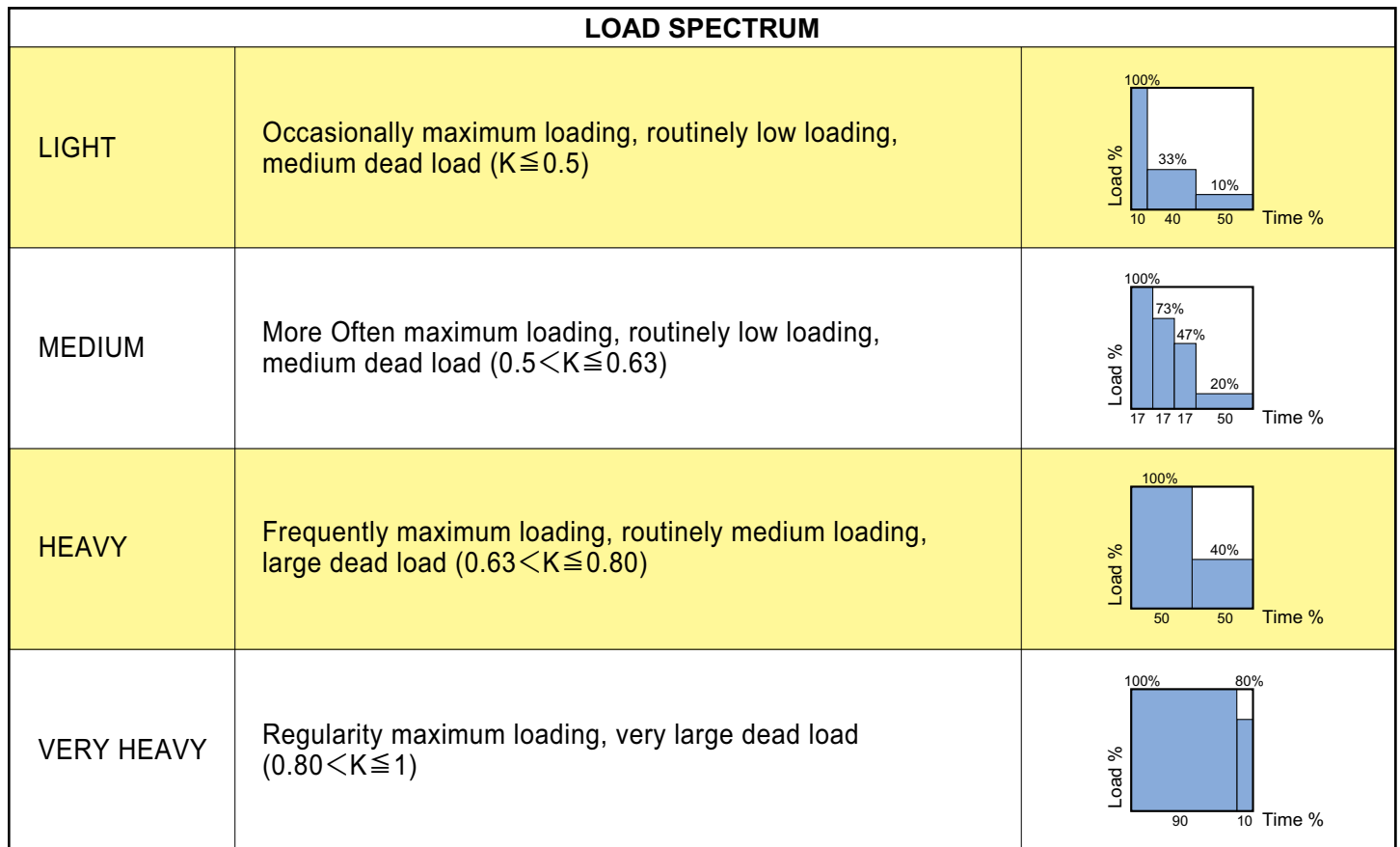


Chart B.

Load Spectrum	Average operating time per day (†) [h/day]				
LIGHT	$\dagger \leq 2$	$2 < \dagger \leq 4$	$4 < \dagger \leq 8$	$8 < \dagger \leq 16$	$16 < \dagger \leq 24$
MEDIUM	$\dagger \leq 1$	$1 < \dagger \leq 2$	$2 < \dagger \leq 4$	$4 < \dagger \leq 8$	$8 < \dagger \leq 16$
HEAVY	$\dagger \leq 0.5$	$0.5 < \dagger \leq 1$	$1 < \dagger \leq 2$	$2 < \dagger \leq 4$	$4 < \dagger \leq 8$
VERY HEAVY	$\dagger \leq 0.25$	$0.25 < \dagger \leq 0.5$	$0.5 < \dagger \leq 1$	$1 < \dagger \leq 2$	$2 < \dagger \leq 4$
Hoist Group	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)
Duty Factor	25% ED	30% ED	40% ED	50% ED	60% ED
Max, Starts / hour	≤ 150 /h	≤ 180 /h	≤ 240 /h	≤ 300 /h	≤ 360 /h

Instruction:

- Select the Load Spectrum Type in chart A. Follow that Load Spectrum line to the chart B, across the table and choose your Average Operating Time Per Day value (†) to the limits in the table. Stop where your calculated value (†) is between the limits. Move down that same column to get your Hoist Group, Duty Factor and Max. Starts / h.

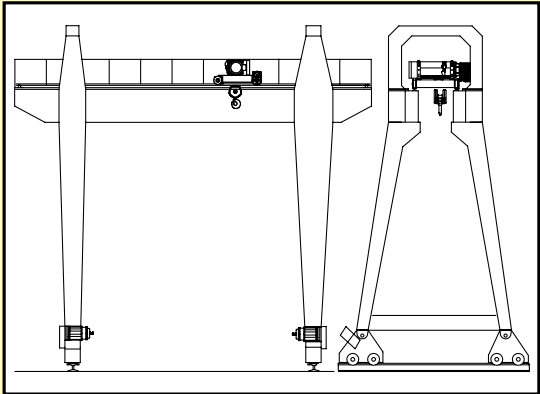
Example

- Load spectrum selection **MEDIUM** (Example).
 - Average operating time per day calculation $\dagger = 3.8$ h/day.
- ⇒ Hoist Group selection **M5 (2m)**

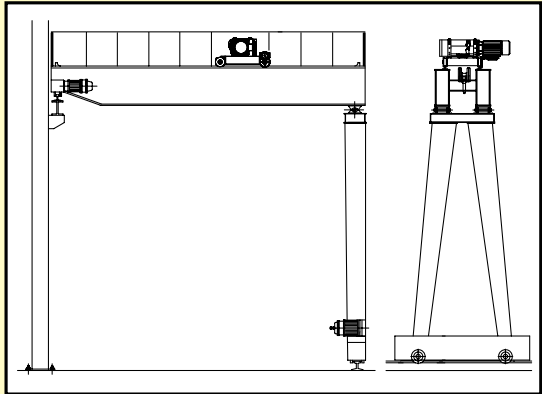




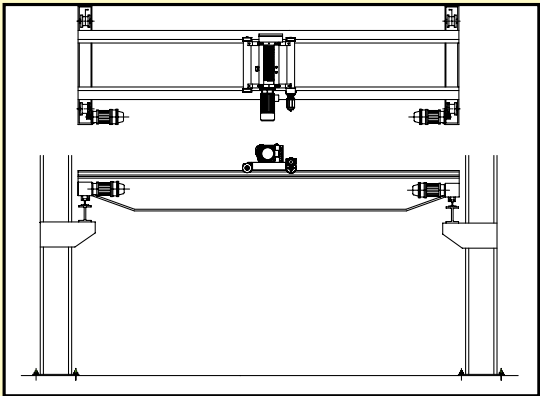
Application of hoists



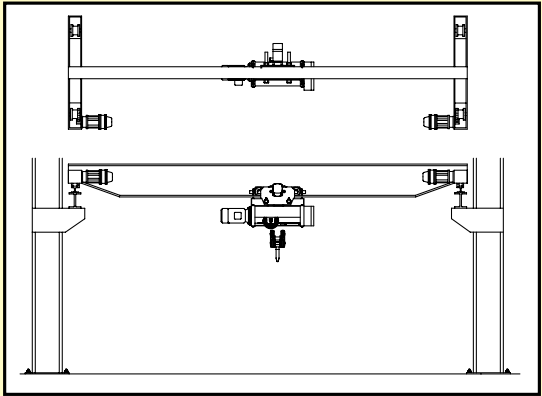
Gantry Crane



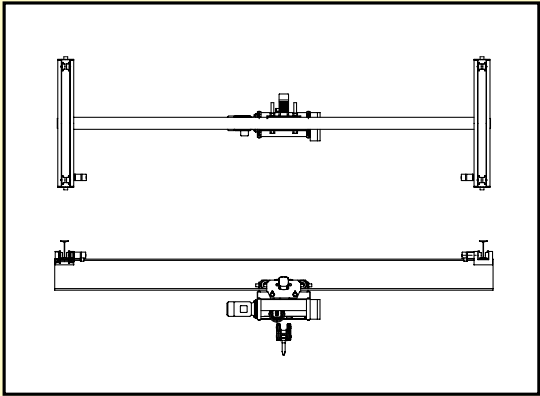
Semi-Gantry Crane



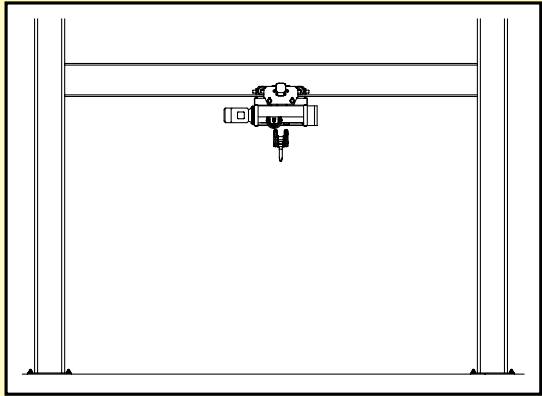
Double-Girder E.O.T. Crane



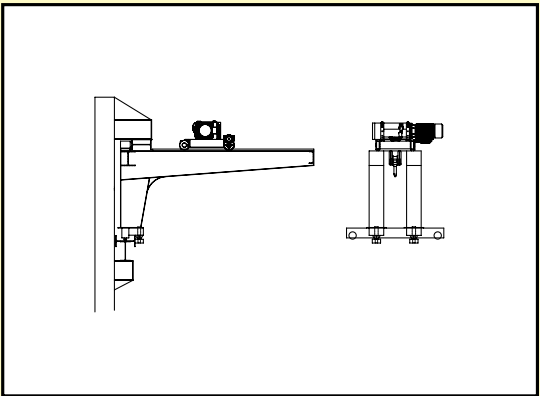
Single-Girder E.O.T. Crane



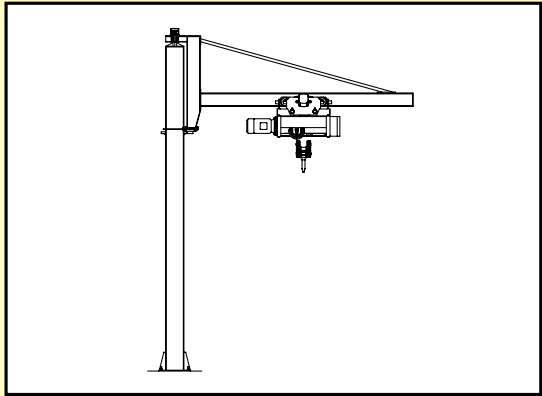
Underhug Crane



Mono-rail Hoist



Wall Crane



Jib Crane

Would you like a proposal for a THAC wire rope hoist ?

Just fill in page for a fast response.

All members of our staff will be pleased to respond to telephone enquiries, to provide expert advice and to arrange for a visit by field staff, if necessary.

Can you already state some specific data? Then all you need to do is to copy this page, fill in data available and send it to our

INQUIRE

Taiwan Fax:
+886-3-4984198

Company: _____ Name: _____

Address: _____ Phone no: _____

E-mail: _____ Fax no: _____

Crane type (see page 29): _____

☐ Indoor use ☐ Outdoor use

☐ Fixed type ☐ Mono-rail hoist ☐ Double-rail hoist

Load capacity: _____ ton

Lifting speed:

☐ Single-speed _____ m/min or ☐ maker's standard

☐ Two-speed _____ m/min or ☐ maker's standard

Duty: _____ %ED

Lifting height: _____ m

Power source: _____ V _____ Hz

Cross travel:

Span length: _____ m

☐ Single-speed _____ m/min or ☐ maker's standard

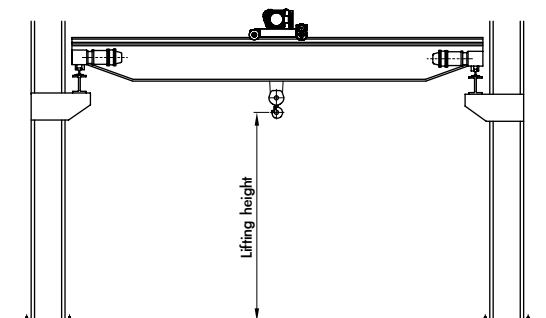
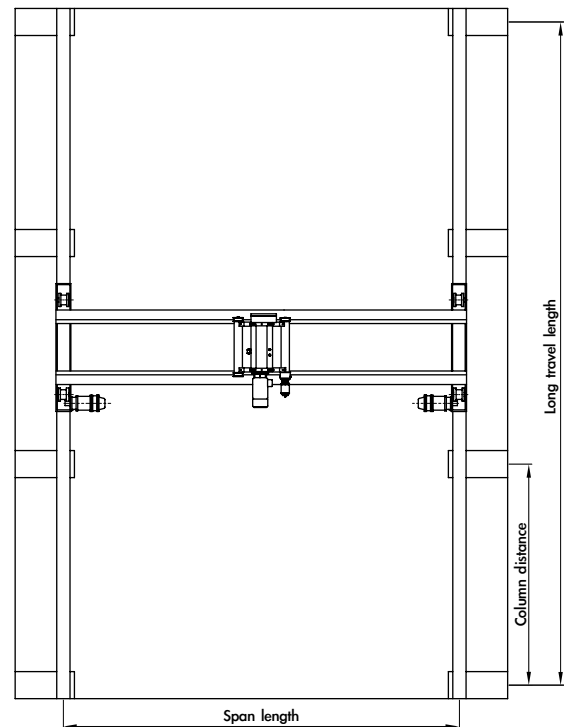
☐ Two-speed _____ m/min or ☐ maker's standard

Long travel:

Long travel length: _____ m

☐ Single-speed _____ m/min or ☐ maker's standard

☐ Two-speed _____ m/min or ☐ maker's standard





WARNING:

The equipment shown in this catalogue is intended for industrial use only and should not be used to lift, support, or otherwise transport people, or to suspend loads over people.



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