

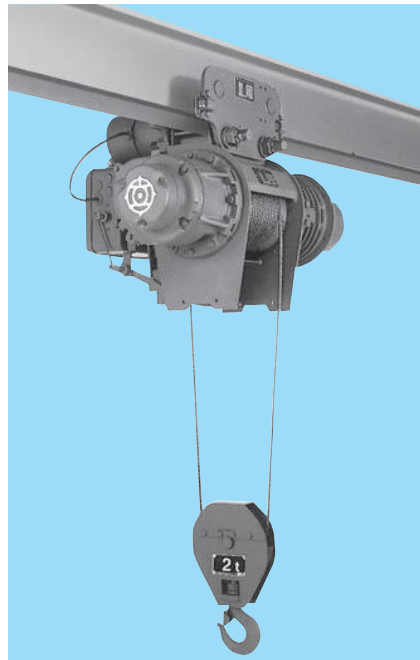
V-series

HOIST with Motorized Trolley

Standard Headroom Type Hoist

(With suspension/chain-driven and motorized trolley)

This is an orthodox type of hoist widely utilized for general purposes. It boasts high performance for use in rugged jobs such as general production in factories, mining, railroads, and warehouses.



Specifications

Capacity (t)			1/2	1	2	3	5	7.5	10	15	20	
Hoisting lift (m)			6 and 12					8 and 12				12
Hoisting	Speed (m/min)	50Hz	11	11	8.4	7.5	6.7	6.0	5.0	5.0	4.2	
		60Hz	13	13	10	9	8	7.2	6.0	6.0	5.0	
	Motor	(kW)	50Hz	1.0	1.9	2.9	4.2	5.9	7.9	8.8	6.7×2	7.5×2
		60Hz	1.2	2.3	3.5	5	7	9.5	10.5	8×2	9×2	
	No.of poles		4					4				
Traversing	Speed (m/min)	50Hz	21					14				
		60Hz	25					17				
	Motor	(kW)	50Hz	0.30	0.30	0.30	0.45	0.63	0.47×2	0.47×2	0.7×2	0.7×2
		60Hz	0.36	0.36	0.36	0.55	0.75	0.56×2	0.56×2	0.84×2	0.84×2	
	No.of poles		4					6		4		
Wire rope	No.of falls		2				4					
	Composition		6×W(19)-B		6×Fi(29)-B							6×Fi(29)IWRC-B
	Diam.(mm)		φ 6.3	φ 8	φ 11.2	φ 14	φ 12.5	φ 14	φ 16	φ 20	φ 22.4	
Rating			40%ED400 Starts/h								40%ED250 Starts/h	
Operating method			Push-button operation ⬆⬇⬅➡⌛⌛					Push-button operation Ⓜ ⓂⓂ ⬆⬇⬅➡⌛⌛				
Electric source (3 phase)			200V 50/60Hz,220V 60Hz,380-400V 50Hz,415V 50Hz,440-460V 60Hz									
Control voltage			200V 50/60Hz									

Hoist with Motorized Trolley

Here's Convenience

This hoist proves handy for use in a busy factory where the load traveling range is wide and transporting operations are frequent. The motorized trolley efficiently transports loads to destined locations. When the rail is installed the full length or width of a building's ceiling, the hoist may be used as an overhead traveling crane. Loads can be speedily transported merely by manipulating the push-button switches. Several hoist units can be mounted on one rail.

Dimensions

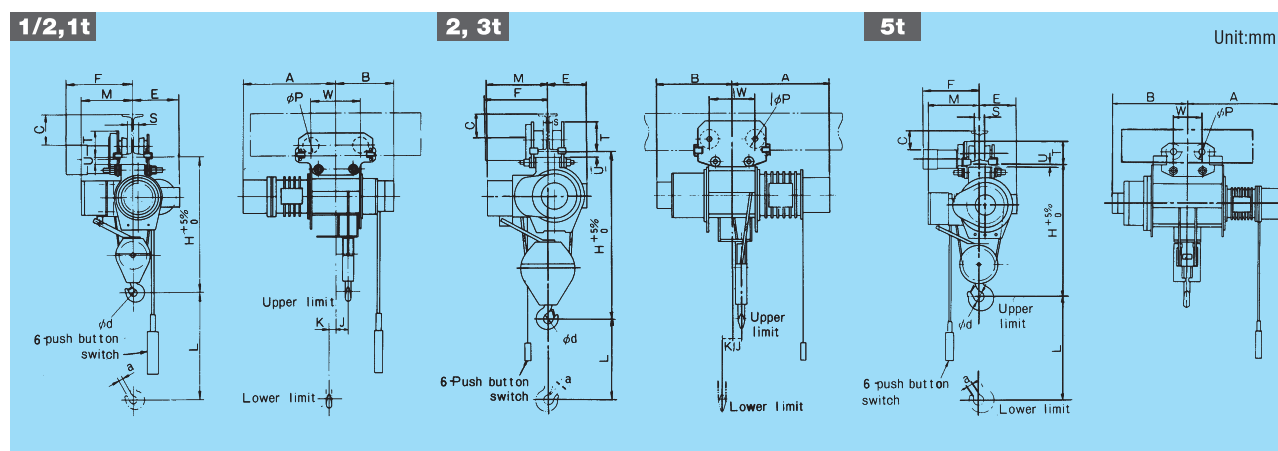


Table of Dimensions

Model		1/2M-T ₆₅		1/2HM-T ₆₅		1M-T ₆₅		1HM-T ₆₅		2M-T ₇₅		2HM-T ₇₅		3M-T ₆₅		3HM-T ₆₅		5M-T ₅₅		5HM-T ₅₅					
Hoist type		1/2M ₆		1/2HM ₆		1M ₆		1HM ₆		2M ₇		2HM ₇		3M ₆		3HM ₆		5M ₅		5HM ₅					
Trolley type		1/2T ₅		1/2T ₅		1T ₅		1T ₅		2T ₅		2T ₅		3T ₅		3T ₅		5T ₅		5T ₅					
Capacity (t)		1/2				1				2				3				5							
Approx. dimensions (mm)	L	6,000		12,000		6,000		12,000		6,000		12,000		6,000		12,000		8,000		12,000					
	H	740				790				985				1,115				1,190							
	A	485		655		545		715		595		630		645		690		845		955					
	B	355		380		350		385		435		615		475		660		690		800					
	M	335				345				415				460				455							
	W	200/290				200/290				200/290				230/310				250/330							
	K	20		100		20		90		30		110		35		120		—		—					
	J	80		105		85		115		75		100		80		110		—		—					
	ϕ d	40				45				56				71				90							
	ϕ p	96				96				96				128				156/140(DRIVE SIDE/DRIVEN SIDE)							
a		21				23				36				42				58							
Min. curve radius (m)		1.3(5.0)				1.5				1.8				2.0				3.0							
Dimensions with respect to I-beam		E	F	S	T	U	C	E	F	S	T	U	C	E	F	S	T	U	C	E	F	S	T	U	C
(150×75×5.5)		190	361	17	147	⁵³ ₍₄₃₎	85																		
200×100×7		190	374	42	148	⁵² ₍₄₂₎	135	255	374	42	148	⁴⁷ ₍₄₂₎	135	220	378	42	148	42	135						
250×125×7.5		190	387	67	151	⁴⁹ ₍₃₉₎	185	255	387	67	151	⁴⁴ ₍₃₉₎	185	220	391	67	151	39	185	245	417	52	177	38	180
300×150×11.5								255	400	92	160	³⁵ ₍₃₀₎	225	220	404	92	160	30	225	245	430	77	187	28	220
450×175×11																				245	443	102	185	30	370
Approx. weight (kg)		145		155		175		195		280		310		385		415		685		745					

NOTES : 1. Dimensions W represent dimensions of drive side/driven side.

2. 1/2 ton-When an I-beam (150×75×5.5) is used, the minimum curve radius is 5m.

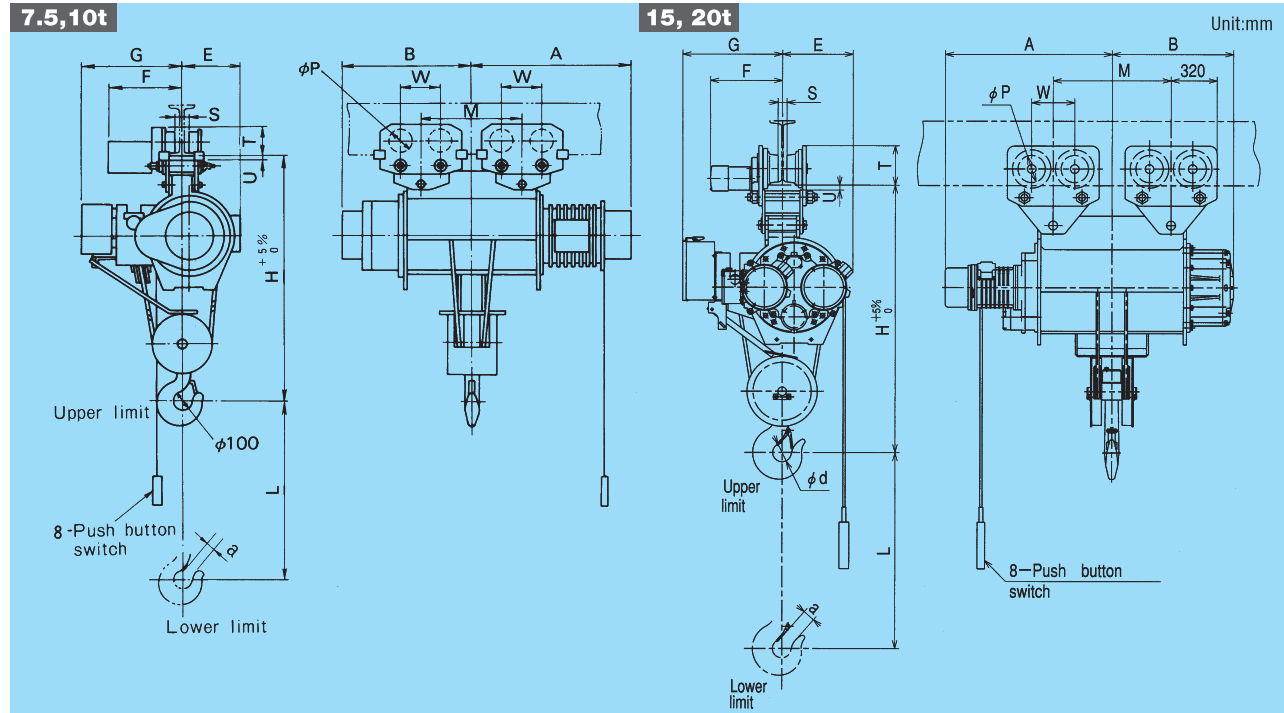
3. 1/2 ton-When an I-beam (150×75×5.5) is used, 50mm-thick shims are necessary between the building and the I-beam.

4. Unless otherwise specified trolley is being assembled so as to meet smudged I-beam size.

5. () dimensions represent dimensions of 1/2HM6 and 1HM6 (Hoist type)

Hoist with Motorized Trolley

■ Dimensions



■ Table of Dimensions

Model		7.5M-T ₅₅		7.5HM-T ₅₅		10M-T ₅₅		10HM-T ₅₅		15M-T ₅₅		15HM-T ₅₅		20HM-T ₅₅			
Hoist type		7.5M ₅		7.5HM ₅		10M ₅		10HM ₅		15M ₅		15HM ₅		20HM ₅			
Trolley type		4FT ₅ ×2		4FT ₅ ×2		5FT ₅ ×2		5FT ₅ ×2		10AT ₅ ×2		10AT ₅ ×2		10AT ₅ ×2			
Capacity (t)		7.5				10				15				20			
Approx. dimensions (mm)	L	8,000		12,000		8,000		12,000		8,000		12,000		12,000			
	H	1,345				1,515				1,865				2,010			
	A	1,075		1,150		1,075		1,150		1,060		1,160		1,210			
	B	830		905		885		960		750		850		900			
	E	315				355				500				500			
	G	570				590				705				705			
	M	560		760		650		786		820				900			
	W	230/310(Drive side/Driven side)				230/330(Drive side/Driven side)				300				300			
	φ d	100				100				130				165			
	φ p	128				156/140(Drive side/Driven side)				190				190			
a	69				69				86				108				
Min. curve Radius (m)		Straight				Straight				Straight				Straight			
Dimensions with respect to I-beam		S	T	U	F	S	T	U	F	S	T	U	F				
450×175×11		102	184	30	453	102	225	30	460	62	280	30	524				
600×190×13		117	189	25	461	117	230	25	468	77	285	25	532				
Approx. weight (kg)		930		990		1,230		1,290		2,340		2,540		2,940			

NOTE : Unless otherwise specified trolley is being assembled so as to meet smudged I-beam size.