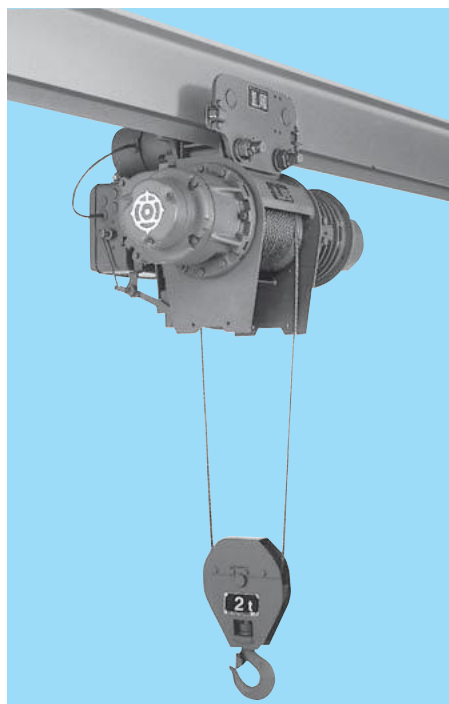


V-series HOIST with Motorized Trolley













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

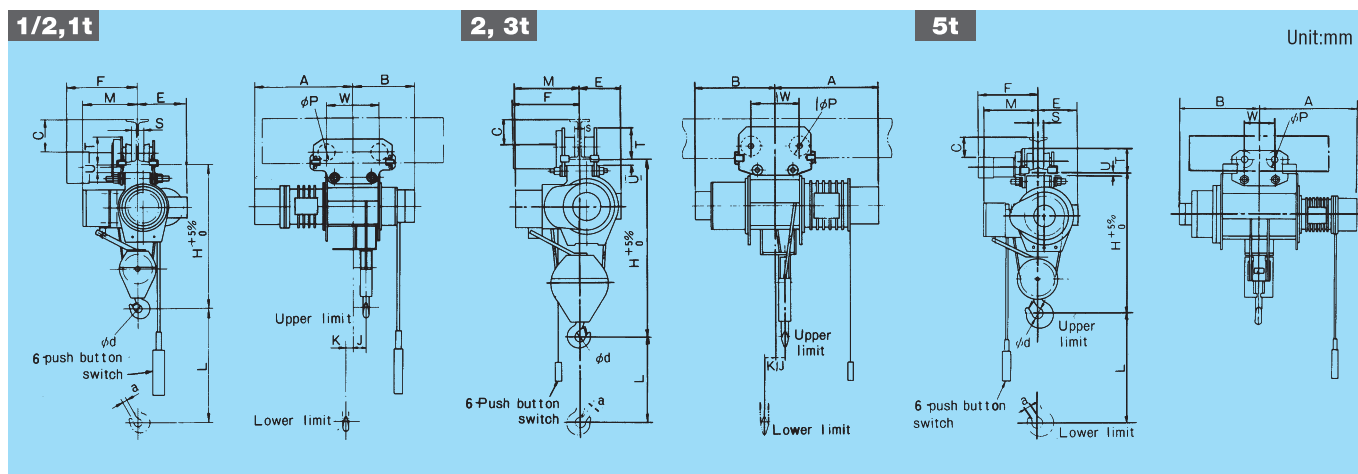


Table of Dimensions

Model	1/2M-T65		1/2HM-T65		1M-T65		1HM-T65		2M-T75		2HM-T75		3M-T65		3HM-T65		5M-T55		5HM-T55											
Hoist type	1/2M6		1/2HM6		1M6		1HM6		2M7		2HM7		3M6		3HM6		5M5		5HM5											
Trolley type	1/2T5		1/2T5		1T5		1T5		2T5		2T5		3T5		3T5		5T5		5T5											
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	305	450	77	225	30	215
450×175×11																			245	443	102	185	30	370	305	463	102	223	32	365
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

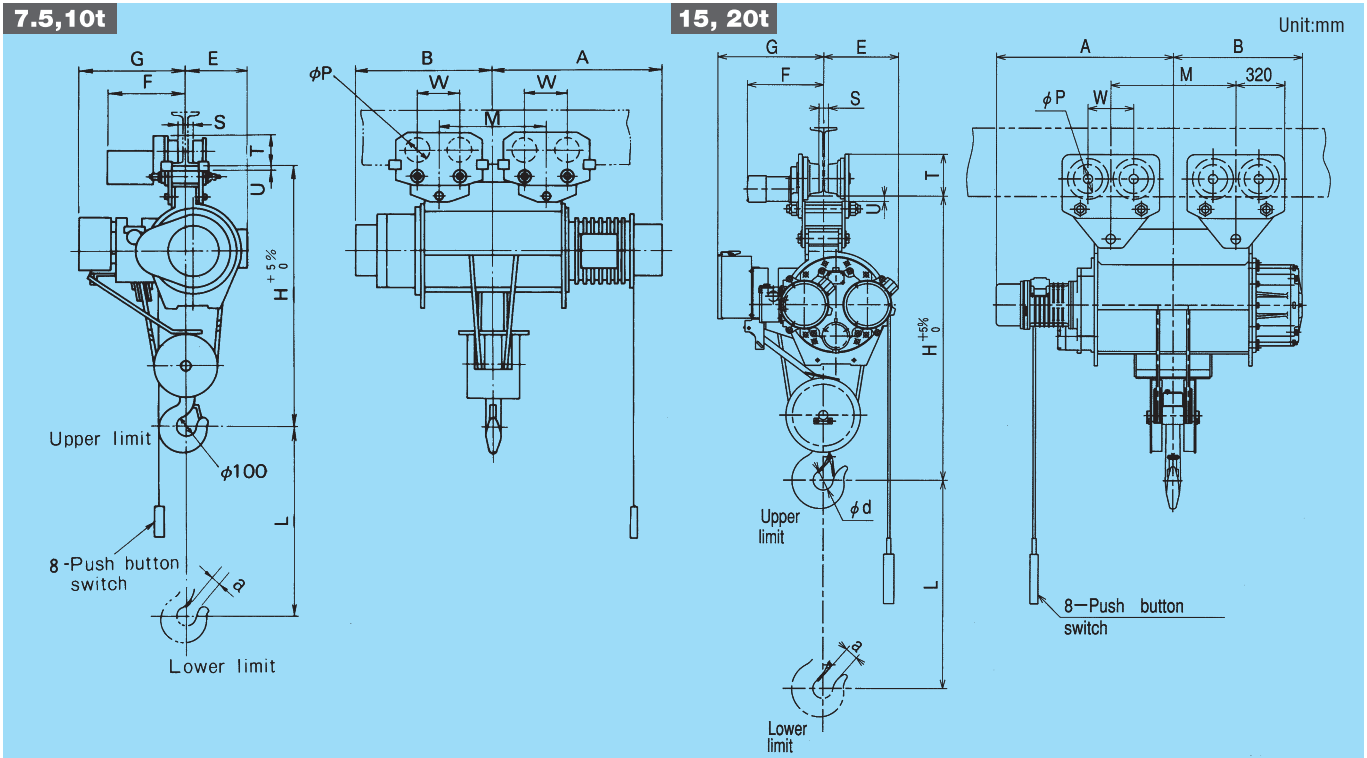


Table of Dimensions

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		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	S	T	U	F	
450×175×11	102	184	30	453	102	225	30	460	62	280	30	524	62	280	30	524	
600×190×13	117	189	25	461	117	230	25	468	77	285	25	532	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.