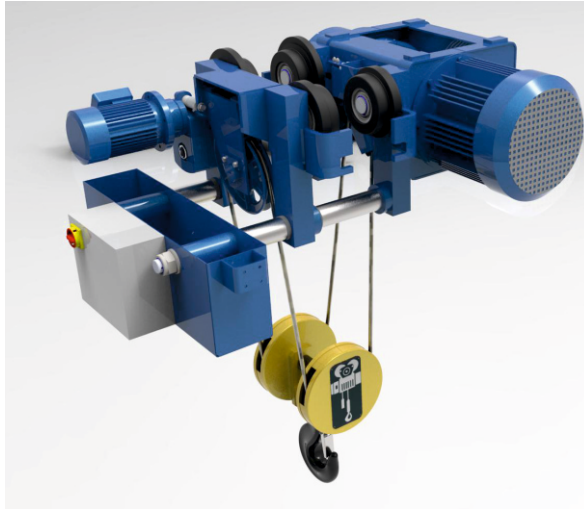
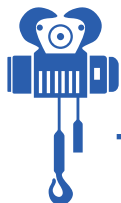


Electric Wire Rope hoists MT



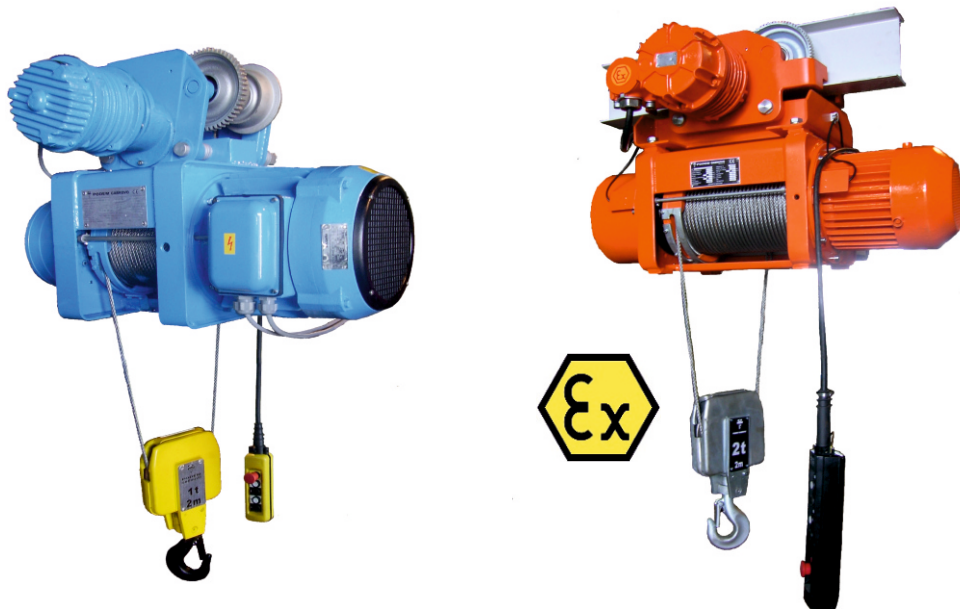
**MADE
TO LIFT**



PODEM GABROVO Ltd.

HOISTS & CRANE COMPONENTS

www.podem-gabrovo.com



Electric Wire Rope hoists type MT

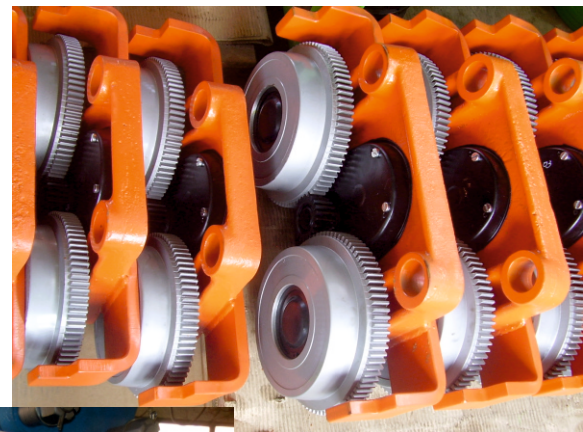
The MT-series rope electric hoists offer the customer new opportunities for efficient operation.

Reliability, long life, convenience and safety of operation are main features of these products.

The wide range of capacities, lifting heights, lifting and travel speeds, different constructive modifications, various operation modes provides effective applicability of the series in nearly all industrial fields.

The Hoist construction is based on the module principle and consists of separate blocks.

The modern technological and production equipment ensures high quality of hoist units and details.



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Selection

SELECTION CRITERIA

To choose the right hoists the following criteria should be taken account:

1. What will be the maximum loading capacity?
2. What will be the maximum lifting height?
3. What hoisting speed is to be employed?
4. Will an auxiliary reduced lifting speed be required?
5. What will the operational conditions be?
6. What will the travelling speed be, if required?
7. How do you need to operate the hoists?

The type of the hoists is to be defined in accordance with the load spectrum, the average operating time per day in hours, the loading capacity and the reeving.

SELECTION EXAMPLE

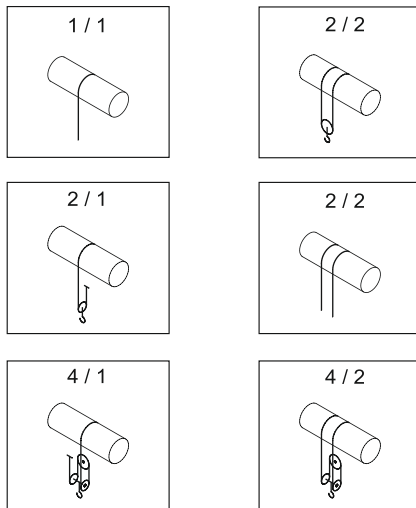
Loading capacity **- 4000 kg**
 Average lifting path of the hook (H) **- 5 m**
 Hoisting speed (V) **- 4 m/min**
 Reeving **- 4/1**
 Load spectrum **- "medium"**
 Cycles per hour (N) **- 15**
 Average operating time per day (T) **- 6 hours**

The average operating time per day of the hoist is to be calculated in the in the following manner:

$$T_m = \frac{2 \times H \times N \times T}{60 \times V} = \frac{2 \times 5 \times 15 \times 6}{60 \times 4} = 3.75 \text{ hours}$$

For the "medium" load spectrum and average operating time per day of 3.75 hours the group "2m" is shown in table "LOAD SPECTRUM-CLASS OF OPERATING TIME".

For loading capacity of 4000 kg and 4/1 reeving the type of the hoist "MT 410" or "MT 610" is shown in table 1 - "TYPE SELECTION".



Load Spectrum (Duty operation mode) DEFINITION			Class of Operating Time average operating time per day Tm in hours		
LIGHT	Mechanisms, usually subject to very small loads and in exceptional cases only to maximum loads		2 - 4	4 - 8	8 - 16
MEDIUM	Mechanisms, usually subject to small loads but rather often to maximum loads		1 - 2	2 - 4	4 - 8
HEAVY	Mechanisms, usually subject to medium loads but frequently maximum loads		0.5 - 1	1 - 2	2 - 4
VERY HEAVY	Mechanisms, usually subject to maximum or almost maximum loads		0.25 - 0.5	0.5 - 1	1 - 2
GROUP - DIN 15 020 / FEM 9.511			1 Am	2 m	3 m
GROUP - ISO 4301			M4	M5	M6

Type Selection

CAPACITY, kg			SERIES	SIZE		
REEVING						
1 / 1 2 / 2	2 / 1 4 / 2	4 / 1				
400	800	1600	MT 3 MT 4 MT 5	—	—	MT 304 MT 404 MT 504
500	1000	2000		—	MT 305 MT 405 MT 505	—
800	1600	3200	MT 3 MT 4 MT 6	MT 308	—	MT 408 MT 608
1000	2000	4000		—	MT 410 MT 610	—
1250	2500	5000	MT 5 MT 6	—	—	MT 512 MT 612
1600	3200	6300		—	MT 516 MT 616	—
2000	4000	8000	MT 6 MT 7	—	—	MT 620 MT 720
2500	5000	10000		—	MT 625 MT 725	—
3200	6300	12500	MT 7	—	MT 732	—
4000	8000	16000		MT 740	—	—
5000	10000	20000		—	MT 750	—
6300	12500	25000		MT 763	—	—

Type selection

Table 1

Capacity, kg	Hoist size	DIN 15020 FEM 9,511	ISO 4301	REEVING	Drum Size								Lifting speed, m/min			
					01	02	03	04	05	06	07	08	V1 V1/M1	V2 V2/M2		
					Lifting height H, m											
400	MT304	3m	M6	1/1	12	19	26	40,5	54,5	-	-	-	16 16/4	24 24/4		
	MT404				-	-	-	-	73	-	-	-				
	MT504				-	-	-	-	81	102	-	-				
	MT304			2/2	-	-	11	20,5	29,5	-	-	-				
	MT404				-	-	15	-	-	-	-	-				
	MT504				-	-	-	31,5	-	-	-	-				
500	MT305	2m	M5	1/1	12	19	26	40,5	54,5	-	-	-	16 16/4	24 24/4		
	MT405				-	-	-	-	73	-	-	-				
	MT505				-	-	-	-	81	102	-	-				
	MT305			2/2	-	-	11	20,5	29,5	-	-	-				
	MT405				-	-	15	-	-	-	-	-				
	MT505				-	-	-	31,5	-	-	-	-				
800	MT308	1Am	M4	1/1	12	19	26	40,5	54,5	-	-	-	16 16/4	-		
	MT408	3m	M6		10	17	24	37	50,5	-	-	-		24 24/4		
	MT608				-	-	-	-	67	76	91,5	-				
	MT308	1Am	M4	2/2	-	-	11	20,5	29,5	-	-	-		-	-	24 24/4
	MT408	3m	M6		-	-	10	19,5	29	-	-	-				
	MT608				-	-	-	-	39,5	46,5	56,5	-				
	MT304	3m	M6	2/1	6	9,5	13	20	27	-	-	-	8 8/2	12 12/2		
	MT404				-	-	-	-	36	-	-	-				
	MT504				-	-	-	-	40,5	51	-	-				
	MT304			4/2	-	-	-	10	14,5	-	-	-				
	MT404				-	-	7,5	-	-	-	-	-				
	MT504				-	-	-	15,5	-	-	-	-				
1000	MT410	2m	M5	1/1	10	17	24	37	50,5	-	-	-	16 16/4	24 24/4		
	MT610				-	-	-	-	67	76	91,5	-				
	MT410			2/2	-	-	10	19,5	29	-	-	-				
	MT610				-	-	-	-	39,5	46,5	56,5	-				
	MT305			2/1	6	9,5	13	20	27	-	-	-	8 8/2	12 12/2		
	MT405				-	-	-	-	36	-	-	-				
	MT505				-	-	-	-	40,5	51	-	-				
	MT305			4/2	-	-	-	10	14,5	-	-	-				
	MT405				-	-	7,5	-	-	-	-	-				
	MT505				-	-	-	15,5	-	-	-	-				
1250	MT512	3m	M6	1/1	10 (12,5)	16 (21)	22,5 (29)	34,5 (44,5)	46,5 (60)	59 (76)	-	-	16 16/4	24 24/4		
	MT612				-	-	-	-	55,5 (67)	63 (76)	75,5 (91,5)	-				
	MT512			2/2	-	-	7	14,5	22	29	-	-				
	MT612				-	-	-	-	25,5	30,5	37,5	-				

Table 1 - cont'd

Capacity, kg	Hoist size	DIN 15020 FEM 9.511	ISO 4301	REEVING	Drum Size								Lifting speed, m/min		
					01	02	03	04	05	06	07	08	V1 V1/M1	V2 V2/M2	
					Lifting height H, m										
1600	MT516	2m	M5	1/1	10 (12,5)	16 (21)	22,5 (29)	34,5 (44,5)	46,5 (60)	59 (76)	-	-	16 16/4	24 24/4	
	MT616				-	-	-	-	55,5 (67)	63 (76)	75,5 (91,5)	-			
	MT516			2/2	-	-	7	14,5	22	29	-	-			
	MT616				-	-	-	-	25,5	30,5	37,5	-			
	MT308	1Am	M4	2/1	6	9,5	13	20	27	-	-	-	8 8/2	-	
	MT408	3m	M6		5	8,5	12	18,5	25	-	-	-		12 12/2	
	MT608				-	-	-	-	33,5	38	45,5	-			
	MT308	1Am	M4	4/2	-	-	-	10	14,5	-	-	-	8 8/2	-	
	MT408	3m	M6		-	-	-	9,5	14,5	-	-	-		12 12/2	
	MT608				-	-	-	-	19,5	23	28	-			
	MT304			4/1	-	-	6,5	10	13,5	-	-	-	4 4/1		6 6/1
	MT404				-	-	-	-	18	-	-	-			
	MT504				-	-	-	-	20	25,5	-	-			
2000	MT620	3m	M6	1/1	-	14,5 (17)	20,5 (24)	33 (38)	45 (52,5)	51 (59,5)	61 (71)	-	16 16/4	24 24/4	
	MT720				-	-	-	-	-	66,5 (76,5)	80 (92)	-	16/4	24/4	
	MT620			2/2	-	-	-	11,5	19	22,5	29	-	16 16/4	24 24/4	
	MT720				-	-	-	-	-	31	39,5	-	16/4	24/4	
	MT410	2m	M5	2/1	5	8,5	12	18,5	25	-	-	-	8 8/2	12 12/2	
	MT610				-	-	-	-	33,5	38	45,5	-			
	MT410			4/2	-	-	-	9,5	14,5	-	-	-			12 12/2
	MT610				-	-	-	-	19,5	23	28	-			
	MT305			4/1	-	-	6,5	10	13,5	-	-	-	4 4/1	6 6/1	
	MT405				-	-	-	-	18	-	-	-			
	MT505				-	-	-	-	20	25,5	-	-			
	2500	MT625	2m	M5	1/1	-	14,5 (17)	20,5 (24)	33 (38)	45 (52,5)	51 (59,5)	61 (71)	-	16 16/4	24 24/4
MT725		-				-	-	-	-	66,5 (76,5)	80 (92)	-			
MT625		2/2			-	-	-	11,5	19	22,5	29	-			
MT725					-	-	-	-	-	31	39,5	-			
MT512		3m	M6	2/1	5 (6)	8 (10,5)	11 (14,5)	17 (22)	23 (30)	29,5 (38)	-	-	8 8/2	12 12/2	
MT612					-	-	-	-	27,5 (33)	31,5 (38)	37,5 (45,5)	-			
MT512				4/2	-	-	-	7	11	14,5	-	-			
MT612					-	-	-	-	12,5	15	18,5	-			
3200	MT732	2m	M5	1/1	-	15 (17,5)	24 (28)	33,5 (38)	45,5 (52)	57,5 (66)	69,5 (79,5)	-	16 16/4	-	
	2/2			-	-	-	10	16,5	24	30,5	-				
	MT516			2/1	5 (6)	8 (10,5)	11 (14,5)	17 (22)	23 (30)	29,5 (38)	-	-	8 8/2	12 12/2	
	MT616				-	-	-	-	27,5 (33)	31,5 (38)	37,5 (45)	-			
	MT516				4/2	-	-	-	7	11	14,5	-			-
	MT616			-		-	-	-	12,5	15	18,5	-			
	MT308	1Am	M4	4/1	-	-	6,5	10	13,5	-	-	-	4 4/1	-	
	MT408	3m	M6		-	-	6	9	12,5	-	-	-		6 6/1	
	MT608				-	-	-	-	16,5	19	22,5	-			

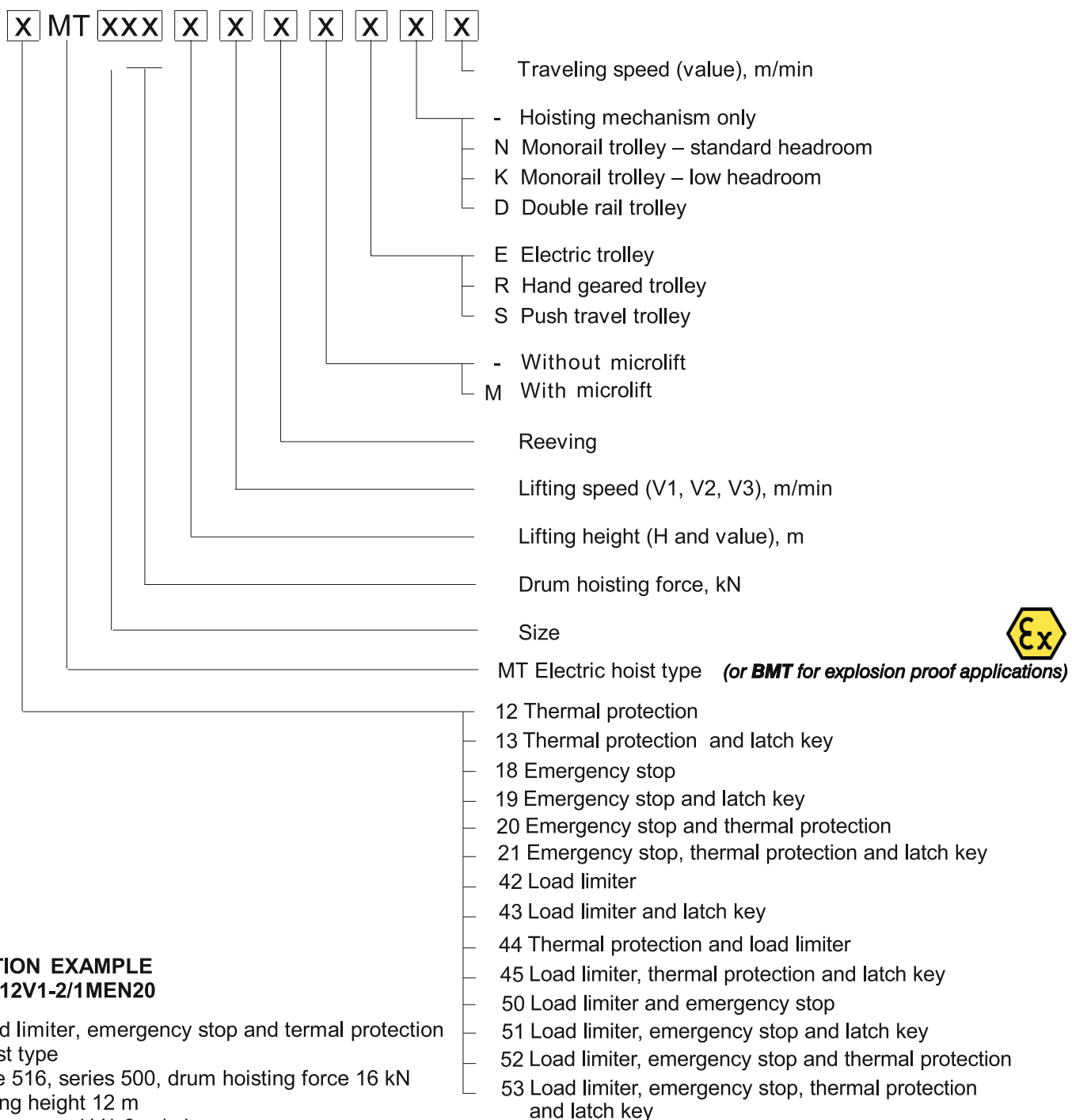
Table 1 - cont'd

Capacity, kg	Hoist size	DIN 15020 FEM 9.511	ISO 4301	REEVING	Drum Size								Lifting speed, m/min		
					01	02	03	04	05	06	07	08	V1 V1/M1	V2 V2/M2	
					Lifting height, m										
4000	MT 740	1Am	M4	1/1	-	15 (17,5)	24 (28)	33,5 (38)	45,5 (52)	57,5 (66)	69,5 (79,5)	-	16 16/4	-	
				2/2	-	-	-	10	16,5	24	30,5	-			
	MT620	3m	M6	2/1	-	7 (8,5)	10 (12)	16,5 (19)	22,5 (26)	25,5 (29,5)	30,5 (35,5)	-	8 8/2	12 12/2	
	-				-	-	-	-	33 (38)	40 (46)	-				
	MT620			4/2	-	-	-	-	9,5	11	14,5	-			
					-	-	-	-	-	15,5	19,5	-			
	MT720	2m	M5	4/1	-	-	6	9	12,5	-	-	-	4 4/1	6 6/1	
	MT610				-	-	-	-	16,5	19	22,5	-			
5000	MT 750	2m	M5	1/1	-	15 (17,5)	24 (28)	33,5 (38)	45,5 (52)	57,5 (66)	69,5 (79,5)	-	12,5 12,5/3,2	-	
				2/2	-	-	-	10	16,5	24	30,5	-			
	MT625	2m	M5	2/1	-	7 (8,5)	10 (12)	16,5 (19)	22,5 (26)	25,5 (29,5)	30,5 (35,5)	-	8 8/2	12 12/2	
	-				-	-	-	-	33 (38)	40 (46)	-				
	MT625			4/2	-	-	-	-	9,5	11	14,5	-			
					-	-	-	-	-	15,5	19,5	-			
	MT 725	3m	M6	4/1	-	-	5,5 (7)	8,5 (11)	11,5 (15)	14,5 (19)	-	-	4 4/1	6 6/1	
	MT612				-	-	-	-	13,5 (16,5)	15,5 (19)	18,5 (22,5)	-			
6300	MT 763	1Am	M4	1/1	-	15 (17,5)	24 (28)	33,5 (38)	45,5 (52)	57,5 (66)	69,5 (79,5)	-	10,5 10,5/2,6	12 12/2	
	MT732	2m	M5	2/1	-	7,5 (8,5)	12 (14)	16,5 (19)	22,5 (26)	28,5 (33)	34,5 (39,5)	-	8 8/2		
				4/2	-	-	-	5	8	12	15	-			
	MT 516			4/1	-	-	5,5 (7)	8,5 (11)	11,5 (15)	14,5 (19)	-	-	4 4/1		6 6/1
	MT616				-	-	-	-	13,5 (16,5)	15,5 (19)	18,5 (22,5)	-			
8000	MT 740	2m	M5	2/1	-	7,5 (8,5)	12 (14)	16,5 (19)	22,5 (26)	28,5 (33)	34,5 (39,5)	-	8 8/2	12 12/2	
				4/2	-	-	-	5	8	12	15	-			
	MT620	3m	M6	4/1	-	-	5 (6)	8 (9,5)	11 (13)	12,5 (14,5)	15 (17,5)	-	4 4/1	6 6/1	
					-	-	-	-	-	16,5 (19)	20 (23)	-			
10000	MT 750	2m	M5	2/1	-	7,5 (8,5)	12 (14)	16,5 (19)	22,5 (26)	28,5 (33)	34,5 (39,5)	-	8 8/2	12 12/2	
				4/2	-	-	-	5	8	12	15	-	8 8/2	12 12/2	
	MT625			4/1	-	-	5 (6)	8 (9,5)	11 (13)	12,5 (14,5)	15 (17,5)	-	4 4/1	6 6/1	
					-	-	-	-	-	16,5 (19)	20 (23)	-			
12500	MT 763	2m	M5	2/1	-	7,5 (8,5)	12 (14)	16,5 (19)	22,5 (26)	28,5 (33)	34,5 (39,5)	-	6 6/1,5	9 9/1,5	
	MT 732	2m	M5	4/1	-	-	-	8 (9,5)	11 (13)	14 (16,5)	17 (19,5)	-	4 4/1	6 6/1	
16000	MT740	2m	M5	4/1	-	-	-	8 (9,5)	11 (13)	14 (16,5)	17 (19,5)	-	4 4/1	6 6/1	
20000	MT 750	2m	M5	4/1	-	-	-	8 (9,5)	11 (13)	14 (16,5)	17 (19,5)	19,5 (23)	4 4/1	6 6/1	
25000	MT 763	2m	M5	4/1	-	-	-	8 (9,5)	11 (13)	14 (16,5)	17 (19,5)	19,5 (23)	3 3/0,75	4,5 4,5/1,25	
32000	MT780	1Am	M4	4/1	-	-	-	6,5	9	11,5	14	16	2 2/0,5	3 3/0,5	

¹⁾ The data given in brackets are to be considered for wire ropes with high strength and smaller diameter.

Other special modifications according to different custom made solutions with regards to greater lifting heights, duty groups, lifting or travel speeds and etc. are also possible.

TYPE DESIGNATION



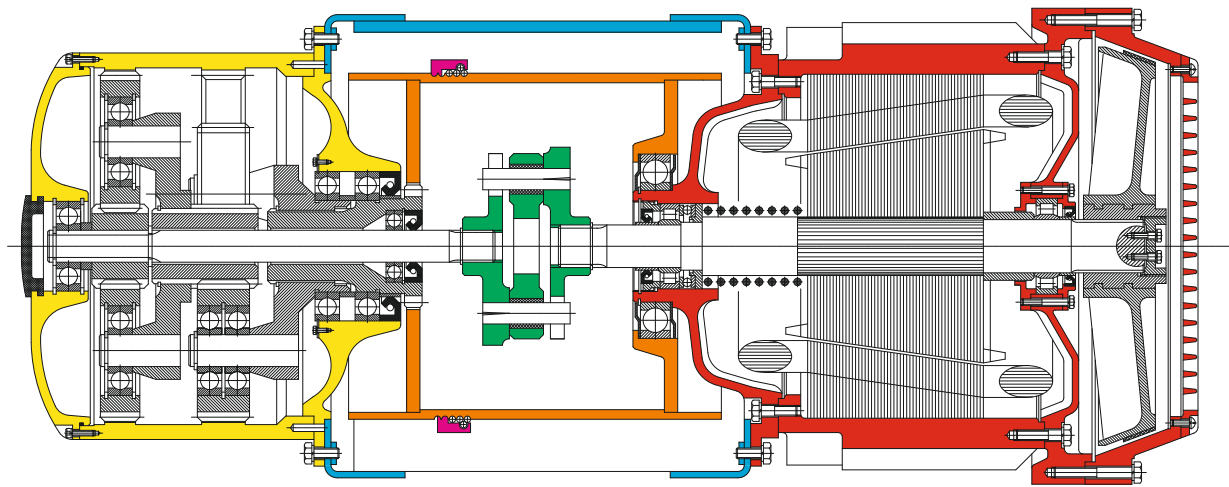
DESIGNATION EXAMPLE 52MT516H12V1-2/1MEN20

- 52 - Load limiter, emergency stop and thermal protection
- MT - Hoist type
- 516 - Size 516, series 500, drum hoisting force 16 kN
- H12 - Lifting height 12 m
- V1 - Lifting speed V1-8 m/min
- 2/1 - Reeving
- M - Microlift
- E - Electric trolley
- N - Monorail trolley – standard headroom
- 20 - Traveling speed 20 m/min

Travelling speeds

Trolley	Speed (m/min)						
	one speed				two speeds		
EN	10	16	20	32	16/4	20/6	32/10
EK	12	16	20	—	12/3	16/4	20/5
ED	10	16	20	30	10/4	16/5	20/6

Description of the electric hoist



Hoisting motor

Electric motor with conical rotor and conical stator as well as asbestos free conical brake. Easy axial moving possibility of the rotor. Reliable brake activation from spiral spring impact in case of electric power breakdown. Creep speed of the motor. The wide range combinations of motors and gear units expand the range of available goods and lifting speeds.

Gear unit

Two-stage heliocentric gear unit assembled to opposite side of the motor. High quality materials are used. Suitable hardening and grinding of gear wheels teeth surfaces ensures their long life, noiseless operation and high coefficient of gear unit's efficiency.

Drum

Equipped with helical grooves for the wire rope and efficacious rope guide, which ensures reliable arrangement of the rope in drum's grooves. The front motor flange by means of ball bearing supports one of the drum's diaphragms. The torque from the gear unit to the second drum's diaphragm is transmitted through grooved hollow shaft.

Rope guide

New made construction. No special tools are required for the replacement of the rope guide. Ensures precise rope winding and unwinding. Possibility for rope deviation $\pm 4^\circ$. Actuates the end limit switch in upper and bottom position of the hook.

Block-hook

The block hook and the purchase block are entirely new constructions, corresponding to the modern technical safety requirements. Ensures easy operation with minimum dead weight. Protection against the rope getting out of the rope rolls is also ensured.

Body

The body is completely new construction in box form. Represents a robust welded construction as a flange connection between the motor and gear unit. Wire rope's outlet in all possible radial directions permits the realization of different assembly versions and positions.

Rubber packed coupler

This is flexible coupler as a joint unit between the hoisting motor and gear unit. The coupler works as a shock - absorber and ensures resistance free motor's shaft axial replacement. Sure connection between the motor and the gear unit is warranted.

Trolleys

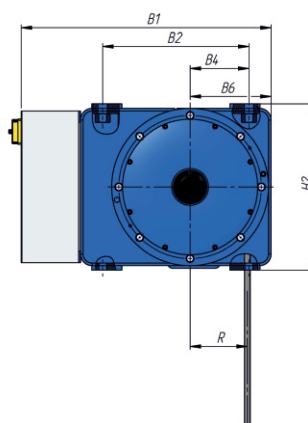
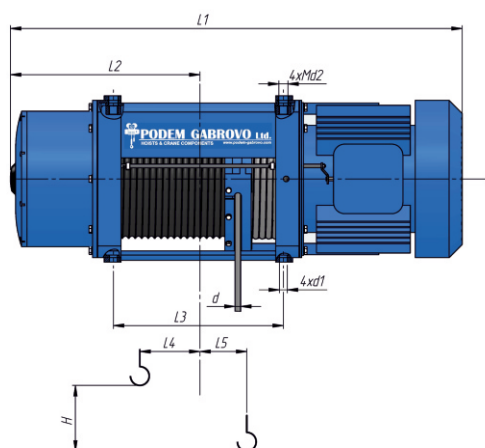
Three types of trolleys are available: monorail trolley with standard headroom, monorail trolley with reduced headroom and double rail trolley.

The hoist is hanged up or mounted to the trolley in the best position, ensuring optimum load distribution on the travel wheels. The trolley could be also electric, hand geared or push travel. Drive unit the same type as a main unit of the hoist powers the electric trolley. Normal drive unit with electromagnetic brake is available. The traveling speeds are in very wide range. Stage less fitness in accordance with the width of the monorail traveling track is submitted to correct work of the trolleys. In case of double rail trolley the purchaser gives the rail's distance.

Electric equipment

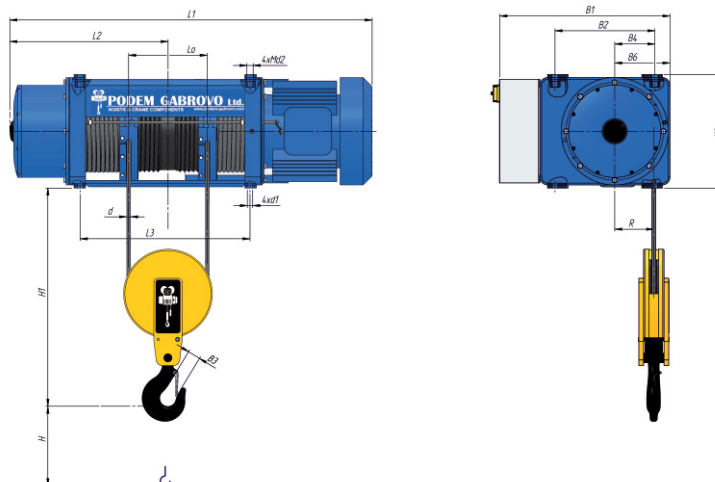
Power circuit voltage and frequency are at purchaser's request. Control voltage to relays and contactors is 24 or 42V, frequency 50 and 60Hz. The most part of electric equipment is assembled in command box, fastened to the body or to other appropriate part. Terminal box of the motor holds end limit switch.

Stationary electric wire rope hoist - Reeving 1/1



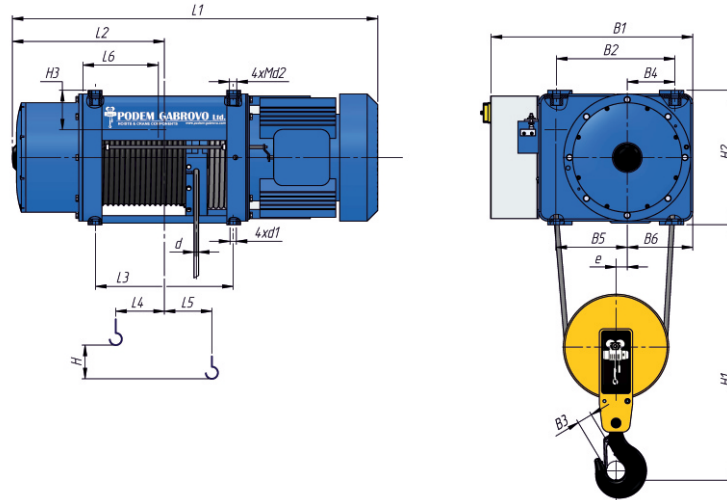
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																								
				L1				L2	L3	L4	L5	B1	B2	B4	B6	H2	R	d	d1	d2								
				V1	V1/M1	V2	V2/M2																					
MT 305	12	105/125	500	720	760	720	760	320	224	93	77	580	295	105	159	321	90	7	15	M14								
	19	825		865	825	865	370	329	145	130																		
	26	925		965	925	965	420	429	195	180																		
	40,5	1125		1165	1125	1165	520	629	295	280																		
	54,5	1325		1365	1325	1365	620	829	395	380																		
MT 405	72,5	275/320	1425	1495	1425	1495	670	841	393	377	650	325	127,5	184	366	120,5	17	M20										
MT 505	81	295/340	1530	1615	1560	1615	715	931	438	422																		
	102	590/620	1750	1835	1780	1835	825	1151	548	532																		
MT 308	12	105/125	800	720	760	720	760	320	224	93									77	580	295	105	159	321	90	7	15	M14
	19	825		865	825	865	370	329	145	130																		
	26	925		965	925	965	420	429	195	180																		
	40,5	1125		1165	1125	1165	520	629	295	280																		
	54,5	1325		1365	1325	1365	620	829	395	380																		
MT 410	10	195/240	1000	815	885	815	885	365	231	89	61	650	325	127,5	184	366	122	10	17	M20								
	17	925		995	925	995	420	341	144	116																		
	24	1025		1095	1025	1095	470	441	194	166																		
	37	1225		1295	1225	1295	570	641	294	266																		
	50,5	1425		1495	1425	1495	670	841	394	366																		
MT 610	67	500/550	1540	1630	1575	1630	715	873	403	382	760	390	157	220	432	157,5	21	M24										
	76	630/700	1645	1735	1680	1735	770	978	456	434																		
	91,5	760/910	1820	1910	1855	1910	860	1153	543	522																		
MT 516	10	228/293	1600	860	945	890	945	380	261	102	76	650	325	127,5	184	366	123 (122)	12 (10)	17	M20								
	16	240/305		980	1065	1010	1065	440	381	164	136																	
	22,5	255/320		1090	1175	1120	1175	495	491	219	191																	
	34,5	295/360		1310	1395	1340	1395	605	711	329	301																	
	46,5	325/388		1530	1615	1560	1615	715	931	439	411																	
MT 616	59	505/595	1750	1835	1780	1835	825	1151	549	521	760	390	157	220	432	158,5 (157,5)	21	M24										
	55,5	500/550	1540	1630	1575	1630	715	873	403	382																		
	63	630/700	1645	1735	1680	1735	770	978	456	434																		
MT 625	73,5	750/910	1820	1910	1855	1910	860	1153	543	522	760	390	157	220	432	160 (159)	15 (13)	21	M24									
	14,5	365/460	1015	1105	1050	1105	445	348	146	109																		
	20,5	328/482	1120	1210	1155	1210	505	453	198	162																		
	33	437/637	1330	1420	1365	1420	610	663	303	267																		
	45	485/252	1540	1630	1575	1630	715	873	407	372																		
MT 725	51	630/700	1645	1735	1680	1735	770	978	461	424	900	475	186,5	270	530	178,5 (177,5)	25	M27										
	61	805/865	1820	1910	1855	1910	860	1153	548	512																		
	66,5	840/900	1890	1925	-	-	890	1143	531	499																		
MT 740	80	895/955	2100	2135	-	-	995	1353	636	604	900	475	186,5	270	530	180 (178,5)	18 (15)	25	M27									
	15	635/690	1140	1175	-	-	515	393	158	117																		
	24	670/730	1300	1335	-	-	595	553	238	197																		
	33,5	730/790	1460	1495	-	-	675	713	318	277																		
	45,5	790/850	1675	1710	-	-	785	928	426	384																		
MT 750	57,5	840/900	1890	1925	-	-	890	1143	533	492	900	475	186,5	270	558	180 (178,5)	18 (15)	31	-									
	69,5	900/955	2100	2135	-	-	995	1353	368	597																		
	15	760/820	1217	1252	-	-	592	393	158	117																		
	24	800/860	1377	1412	-	-	672	553	238	197																		
	33,5	870/930	1537	1572	-	-	752	713	318	277																		
MT 763	45,5	930/990	1752	1787	-	-	862	928	426	384	900	475	186,5	270	558	180 (178,5)	18 (15)	31	-									
	57,5	980/1040	1967	2002	-	-	967	1143	533	492																		
	69,5	1040/1100	2177	2212	-	-	1072	1353	368	597																		
	15	760/820	1217	1252	-	-	592	393	158	117																		
	24	800/860	1377	1412	-	-	672	553	238	197																		

Stationary electric wire rope hoist - Reeving 2/2



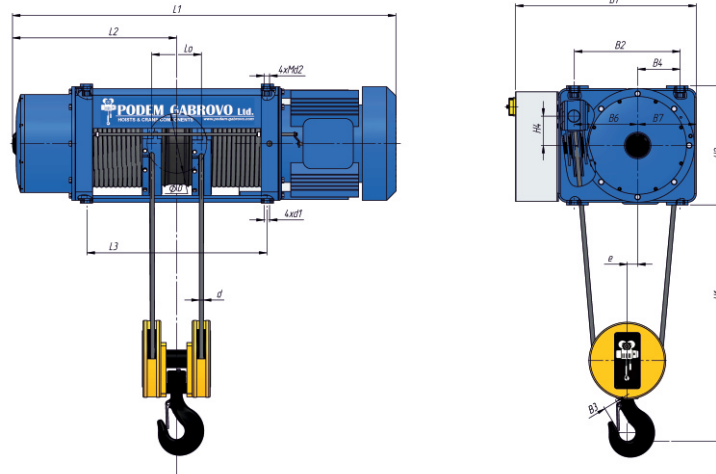
Type	Lifting height, H, m	Weight, kg V1/V2 / V1M1/V2M2	Capacity, kg	General dimensions, mm																	
				L1				L2	L3	Lo min	B1	B2	B3	B4	B6	H1	H2	R	d	d1	d2
				V1	V1/M1	V2	V2/M2														
MT 305	11	115/140	500	925	965	925	965	420	429	110	580	295	34	105	159	450	321	89	5	15	M14
	20,5	130/155		1125	1165	1125	1165	520	629												
	29,5	145/165		1325	1365	1325	1365	620	829												
MT 405	15	215/260	500	1025	1095	1025	1095	470	441	110	650	325	34	127,5	184	450	366	119,5	5	17	M20
MT 505	31,5	320/370		1310	1395	1340	1395	605	711												
11	115/140	925		965	925	965	420	429													
MT 308	20,5	130/155	800	1125	1165	1125	1165	520	629	110	580	295	34	105	159	450	321	89	5	15	M14
	29,5	145/165		1325	1365	1325	1365	620	829												
	10	220/260		1025	1095	1025	1095	470	441												
MT 410	19,5	255/305	1000	1225	1295	1225	1295	570	641	110	650	325	34	127,5	184	450	366	120,5	7	17	M20
	29	280/325		1425	1495	1425	1495	670	841												
	39,5	530/590		1540	1630	1575	1630	715	873												
MT 610	46,5	630/700		1645	1735	1680	1735	770	978		760	390	34	157	220	450	432	156	7	21	M24
	56,5	750/810		1820	1910	1855	1910	860	1153												
	7	255/310		1090	1175	1120	1175	495	491												
MT 516	14,5	290/345	1600	1310	1395	1340	1395	605	711	155	650	325	40	127,5	184	550	366	122	10	17	M20
	22	320/375		1530	1615	1560	1615	715	931												
	29	450/490		1750	1835	1780	1835	825	1151												
MT 616	25,5	530/590		1540	1630	1575	1630	715	873		760	390	40	157	220	550	432	157,5	10	21	M24
	30,5	630/700		1645	1735	1680	1735	770	978												
	37,5	750/810		1820	1910	1855	1910	860	1153												
MT 625	11,5	440/540	2500	1330	1420	1365	1420	610	663	200	760	390	45	157	220	620	432	158,5	12	21	M24
	19	530/590		1540	1630	1575	1630	715	873												
	22,5	630/700		1645	1735	1680	1735	770	978												
MT 725	29	750/810		1820	1910	1855	1910	860	1153		900	475	45	186,5	270	620	530	177	12	25	M27
	31	780/830		1890	1925	-	-	890	1143												
	39,5	795/855		2100	2135	-	-	995	1353												
MT 740	10	640/700	4000	1460	1495	-	-	675	713	240	900	475	50	186,5	270	710	530	178,5	15	25	M27
	16,5	675/735		1675	1710	-	-	785	928												
	24	740/800		1890	1925	-	-	890	1143												
30,5	795/855	2100		2135	-	-	995	1353													
MT 750	10	660/720	5000	1537	1572	-	-	752	713	240	900	475	50	186,5	270	710	558	178,5	15	31	
	16,5	940/1000		1752	1787	-	-	862	928												
	24	990/1050		1967	2002	-	-	967	1143												
30,5	1055/1110	2177		2212	-	-	1072	1353													
MT 763	10	660/720	6300	1537	1572	-	-	752	713	240	900	475	50	186,5	270	710	558	178,5	15	31	
	16,5	940/1000		1752	1787	-	-	862	928												
	24	990/1050		1967	2002	-	-	967	1143												
30,5	1055/1110	2177		2212	-	-	1072	1353													

Stationary electric wire rope hoist - Reeving 2/1



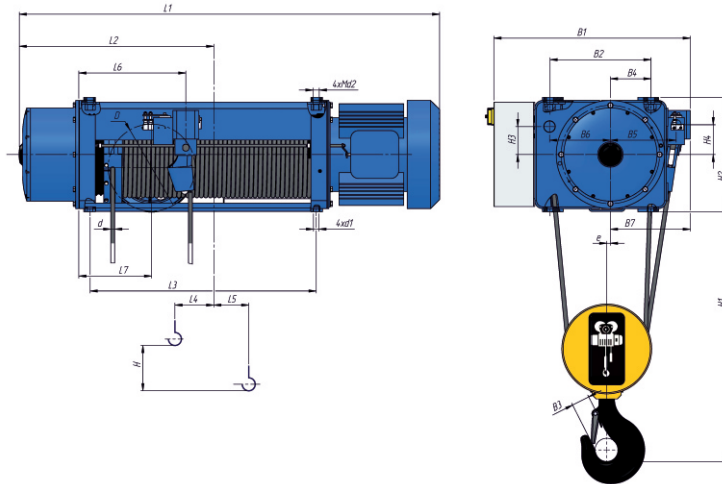
Type	Lifting height, H, m	Weight, kg V1/V2/V1M1/V2M2	Capacity, kg	General dimensions, mm																					
				L1				L2	L3	L4	L5	L6	B1	B2	B3	B4	B5	B6	H1	H2	H3	d	d1	d2	e
				V1	V1/M1	V2	V2/M2																		
MT 305	6	105/125	1000	720	760	720	760	320	224	45	40	145	580	295	34	105	190,5	159	450	321	73	7	15	M14	50
	9,5	115/135		825	865	825	865	370	329	95															
	13	125/145		925	965	925	965	420	429	95															
	20	135/157		1125	1165	1125	1165	520	629	195															
	27	147/170		1325	1365	1325	1365	620	829	295															
MT 405	36	550/610	MT 505	1425	1495	1425	1495	670	841	307	74	240	650	325	40	127,5	199	184	366	90	17	M20	35		
40,5	330/395	1530		1615	1560	1615	715	931	345	79															
MT 308	51	500/600	1600	1750	1835	1780	1835	825	1151	455	40	145	580	295	40	105	190,5	159	450	321	73	7	15	M14	50
	6	105/125		720	760	720	760	320	224	45															
	9,5	115/135		825	865	825	865	370	329	95															
	13	125/145		925	965	925	965	420	429	95															
	20	135/157		1125	1165	1125	1165	520	629	195															
27	147/170	1325	1365	1325	1365	620	829	295																	
MT 410	5	200/245	2000	815	885	815	885	365	231	52	27	140	650	325	40	127,5	199	184	550	366	96	10	17	M20	35
	8,5	220/260		925	995	925	995	420	341	107															
	12	230/270		1025	1095	1025	1095	470	441	107															
	18,5	260/305		1225	1295	1225	1295	570	641	207															
	25	285/330		1425	1495	1425	1495	670	841	307															
MT 610	33,5	490/530	MT 616	1540	1630	1575	1630	715	873	316	73	250	760	390	157	235	220	432	116	21	M24	38			
	38	520/560		1645	1735	1680	1735	770	978	367															
	45,5	890/950		1820	1910	1855	1910	860	1153	455															
	5	228/293		860	945	890	945	380	261	60															
MT 516	8	245/310	3200	980	1065	1010	1065	440	381	120	29	150	650	325	45	127,5	199	184	620	366	86	12 (10)	17	M20	35
	11	260/325		1090	1175	1120	1175	495	491	125															
	17	300/365		1310	1395	1340	1395	605	711	235															
	23	325/390		1530	1615	1560	1615	715	931	345															
	29,5	660/720		1750	1835	1780	1835	825	1151	455															
MT 616	27,5	490/530	MT 625	1540	1630	1575	1630	715	873	316	73	250	760	390	157	235	220	432	116	21	M24	38			
	31,5	520/560		1645	1735	1680	1735	770	978	367															
	37,5	890/950		1820	1910	1855	1910	860	1153	455															
	7	370/470		1015	1105	1050	1105	445	348	104															
MT 625	10	390/490	5000	1120	1210	1155	1210	505	453	106	73	254	760	390	50	157	235	220	710	432	110	15 (13)	21	M24	38
	16,5	445/545		1330	1420	1365	1420	610	663	211															
	22,5	495/595		1540	1630	1575	1630	715	873	316															
	25,5	520/560		1645	1735	1680	1735	770	978	367															
	30,5	890/950		1820	1910	1855	1910	860	1153	455															
MT 725	33	845/905	MT 740	1890	1925	-	-	890	1143	408	104	340	900	475	186,5	290,5	270	530	162	25	M27	55			
	40	905/965		2100	2135	-	-	995	1353	512															
MT 740	7,5	635/695	8000	1140	1175	-	-	515	393	82	54	240	900	475	56	186,5	290,5	270	840	530	157	18 (15)	25	M27	55
	12	670/730		1300	1335	-	-	595	553	162															
	16,5	735/795		1460	1495	-	-	675	713	192															
	22,5	795/855		1675	1710	-	-	785	928	300															
	28,5	845/905		1890	1925	-	-	890	1143	408															
MT 750	34,5	905/965	10000	2100	2135	-	-	995	1353	512	54	240	900	475	71	186,5	290,5	270	840	558	157	18 (15)	31	---	55
	7,5	760/820		1217	1252	-	-	592	393	82															
	12	800/860		1377	1412	-	-	672	553	162															
	16,5	870/930		1537	1572	-	-	752	713	192															
	22,5	930/990		1752	1787	-	-	862	928	300															
MT 763	28,5	980/1040	12500	1967	2002	-	-	967	1143	408	104	340	900	475	71	186,5	290,5	270	840	558	157	18 (15)	31	---	55
	34,5	1045/1105		2177	2212	-	-	1072	1353	512															
	7,5	760/820		1217	1252	-	-	592	393	82															
	12	800/860		1377	1412	-	-	672	553	162															
	16,5	870/930		1537	1572	-	-	752	713	192															

Stationary electric wire rope hoist - Reeving 4/2



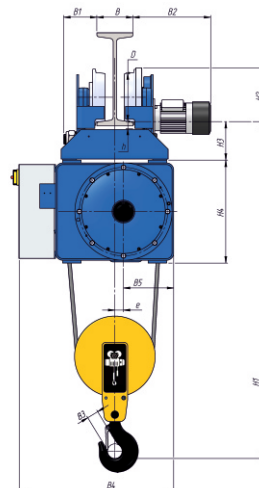
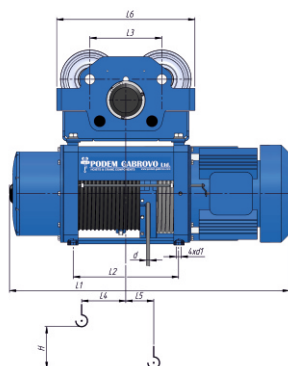
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																				
				L 1				L2	L3	Lo min	B1	B2	B3	B4	B6	B7	H1	H2	H4	D	d	d1	d2	e
				V1	V1/M1	V2	V2/M2																	
MT 305	10	160/175	1000	1125	1165	1125	1165	520	629	110	650	295	40	105	190,5	159	415	321	75	100	5	15	M14	50
	14,5	175/195		1325	1365	1325	1365	620	829		730	325		127,5	199	184		366	91			17	M20	35
MT 405	7,5	290/340		1025	1095	1025	1095	470	441		MT 505	15,5	360/430	1310	1395	1340	1395	605	711					
MT 308	10	160/175		1600	1125	1165	1125	1165	520	629	110	650	295	40	105	190,5	159	415	321	75	100	5	15	M14
	14,5	175/195	1325		1365	1325	1365	620	829															
MT 410	9,5	295/340	2000	1225	1295	1225	1295	570	641	110	730	325	40	127,5	199	184	415	366	91	140	7	17	M20	35
	14,5	315/360		1425	1495	1425	1495	670	841		850	390		157	235	220		432	117			21	M24	38
MT 610	19,5	540/640		1540	1630	1575	1630	715	873		MT 610	23	560/660	1645	1735	1680	1735	770	978					
	28	800/900		1820	1910	1855	1910	860	1153															
MT 516	7	300/315	3200	1310	1395	1340	1395	605	711	155	730	325	50	127,5	199	184	525	366	101	200	10	17	M20	35
	11	330/340		1530	1615	1560	1615	715	931		850	390		157	235	220		432	117			21	M24	38
MT 616	14,5	530/570		1750	1835	1780	1835	825	1151		MT 616	30,5	590/650	1645	1735	1680	1735	770	978					
	18,5	660/720		1820	1910	1855	1910	860	1153															
MT 625	9,5	540/640	5000	1540	1630	1575	1630	715	873	200	850	390	56	157	235	220	565	432	117	240	12	21	M24	38
	11	590/650		1645	1735	1680	1735	770	978		1000	475		186,5	290,5	270		530	128			25	M27	55
MT 725	14,5	660/720		1820	1910	1855	1910	860	1153		MT 725	19,5	850/915	2100	2135	-	-	995	1353					
	15,5	700/780		1890	1925	-	-	890	1143															
MT 740	5	790/855	8000	1460	1495	-	-	675	713	240	1000	475	71	186,5	290,5	270	695	530	128	300	15	25	M27	55
	8	845/910		1675	1710	-	-	785	928															
	12	900/960		1890	1925	-	-	890	1143															
	15	960/1020		2100	2135	-	-	995	1353															
MT 750	5	880/940	10000	1537	1572	-	-	752	713	240	1000	475	71	186,5	290,5	270	695	558	128	300	15	31	—	55
	8	940/1000		1752	1787	-	-	862	928															
	12	990/1050		1967	2002	-	-	967	1143															
MT 763	15	1055/1110		12500	2177	2212	-	-	1072		1353	240	1000	475	71	186,5	290,5	270	695	558	128	300	15	31
	5	880/940	1537		1572	-	-	752	713															
	8	940/1000	1752		1787	-	-	862	928															
MT 780	12	990/1050	16000		1967	2002	-	-	967	1143	240		1000	475	71	186,5	290,5	270	695	558	128	300	15	31
	15	1055/1110		2177	2212	-	-	1072	1353															

Stationary electric wire rope hoist - Reeving 4/1



Type	Lifting height, H, m	Weight, kg V1/V2 / V1M1/V2M2	Capacity, kg	General dimensions, mm																																						
				L1				L2	L3	L4	L5	L6	L7	B1	B2	B3	B4	B5	B6	B7	H1	H2	H3	H4	D	d	d1	d2	e													
				V1	V1/M1	V2	V2/M2																																			
MT 305	6,5	130/150	2000	925	965	925	965	420	429	90	45	250	161	650	295	40	105	189,5	186,5	229,5	415	321	71	75	140	7	15	M14	25													
	10	155/180		1125	1165	1125	1165	520	629	190	-45																			300	194	730	325	127,5	206	199	254	366	85	101	240	
	13,5	185/210		1325	1365	1325	1365	620	829	290	-95																															
MT 405	18	365/415		1425	1495	1425	1495	670	841	307	-115	350	216	730	325		127,5	206	199	254		366	85	101	240																	
	20	395/450		1530	1615	1560	1615	715	931	345	-130																															
MT 505	25,5	495/550		1750	1835	1780	1835	825	1151	455	-185	250	161	650	295		45	105	189,5	186,5		229,5	415	321	71		75	140	7	15	M14											25
MT 308	6,5	130/150		925	965	925	965	420	429	90	45																															
	10	155/180	1125	1165	1125	1165	520	629	190	-45																																
MT 410	13,5	185/210	1325	1365	1325	1365	620	829	290	-95	300	194	730	325	50	127,5	206	199	254	525	366	85	91	200	10	17	M20	15														
	6	310/350	1025	1095	1025	1095	470	441	65	25																			400	232	850	390	157	254	235	309	432	109	117	293		
	9	335/395	1225	1295	1225	1295	570	641	165	-25																																
MT 610	12,5	365/410	1425	1495	1425	1495	670	841	265	-75	400	232	850	390	50	157	254	235	309	525	366	85	91	200	10	21	M24	14														
	16,5	540/640	1540	1630	1575	1630	715	873	316	-120																			400	232	850	390	157	254	235	309	432	109	117	293		
	19	560/660	1645	1735	1680	1735	770	978	367	-145																																
MT 516	22,5	800/900	1820	1910	1855	1910	860	1153	455	-190	350	216	730	325	56	127,5	206	199	254	565	366	85	101	240	12 (10)	17	M20	15														
	5,5	305/370	1090	1175	1120	1175	495	491	67	35																			400	232	850	390	157	254	235	309	432	109	117	293		
	8,5	340/405	1310	1395	1340	1395	605	711	177	-20																																
MT 616	11,5	395/450	1530	1615	1560	1615	715	931	287	-70	400	232	850	390	71	157	254	235	309	695	432	109	117	293	15 (13)	21	M24	14														
	14,5	580/680	1750	1835	1780	1835	825	1151	397	-125																			400	232	850	390	157	254	235	309	432	109	117	293		
	13,5	540/640	1540	1630	1575	1630	715	873	316	-120																																
MT 625	15,5	560/660	1645	1735	1680	1735	770	978	367	-145	500	324	1000	475	71	186,5	309	290,5	369	775	530	126	128	360	18 (15)	25	M27	23														
	18,5	800/900	1820	1910	1855	1910	860	1153	455	-190																			500	324	1000	475	186,5	309	290,5	369	530	126	128	360		
	5	510/610	1120	1210	1155	1210	505	453	29	61																																
MT 725	8	570/670	1330	1420	1365	1420	610	663	134	8	400	232	850	390	71	157	254	235	309	695	432	109	117	293	15 (13)	21	M24	14														
	11	540/640	1540	1630	1575	1630	715	873	239	-44																			400	232	850	390	157	254	235	309	432	109	117	293		
	12,5	560/660	1645	1735	1680	1735	770	978	291	-71																																
MT 740	15	800/900	1820	1910	1855	1910	860	1153	291	-71	500	324	1000	475	71	186,5	309	290,5	369	775	530	126	128	360	18 (15)	25	M27	23														
	16,5	990/1050	1890	1925	-	-	890	1143	408	-150																			500	324	1000	475	186,5	309	290,5	369	530	126	128	360		
	20	1050/1110	2100	2135	-	-	995	1353	512	-202																																
MT 750	8	870/930	1460	1495	-	-	675	713	102	46	500	324	1000	475	90	186,5	309	290,5	369	825	558	126	128	360	18 (15)	31	—	23														
	11	980/1040	1675	1710	-	-	785	928	210	-8																			500	324	1000	475	186,5	309	290,5	369	825	558	126	128	360	
	14	1030/1090	1890	1925	-	-	890	1143	318	-62																																
MT 763	17	1090/1150	2100	2135	-	-	995	1353	422	-114	500	324	1000	475	90	186,5	309	290,5	369	825	558	126	128	360	18 (15)	31	—	23														
	8	880/940	1537	1572	-	-	752	713	102	46																			500	324	1000	475	186,5	309	290,5	369	825	558	126	128	360	
	11	940/1000	1752	1787	-	-	862	928	210	-8																																
MT 763	14	990/1050	1967	2002	-	-	967	1143	318	-62	500	324	1000	475	90	186,5	309	290,5	369	825	558	126	128	360	18 (15)	31	—	23														
	17	1055/1110	2177	2212	-	-	1072	1353	422	-114																																

Monorail trolley, standard headroom - Reeving 2/1

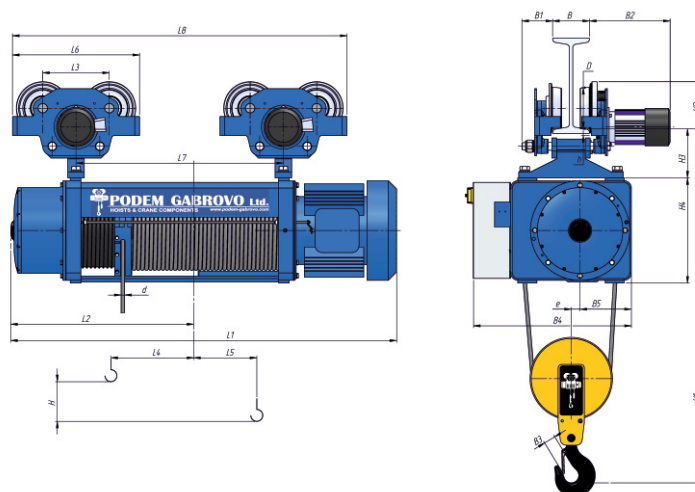


Type	Lifting height, H, m	Weight, kg V1/V2 / V1M1/V2M2	Capacity, kg	General dimensions, mm																							
				L1				L2	L3	L4	L5	L6	B	B1, max	B2, max	B3	B4	B5	H1	H2	H3	H4	D	d	e	h	
				V1	V1/M1	V2	V2/M2																				
MT 305	6	105/125	1000	720	760	720	760	224	215	45	40	400	90 ... 130	100	310	34	580	159	901	132	130	321	100	7	50	45	
	9,5	115/140		825	865	825	865	329		95																	
	13	125/148		925	965	925	965	429		90																	
MT 410	5	200/245	2000	815	885	815	885	231	240	52	27	450	130 ... 150	115	360	40	650	184	1074	155	157,5	366	125	10	35	47,5	
	8,5	215/260		925	995	925	995	341		107																	
	12	230/270		1025	1095	1025	1095	441		74																	
MT 516	5	230/305	3200	860	945	890	945	261	240	60	29	450	130 ... 150	115	360	45	650	184	1144	155	157,5	366	125	12 (10)	35	47,5	
	8	250/315		980	1065	1010	1065	381		120																	
	11	265/330		1090	1175	1120	1175	491		125																	79
MT 625	7	370/470	5000	1015	1105	1050	1105	348	280	104	23	520	130 ... 150	120	365	50	760	220	1317	187	175	432	160	15 (13)	38	43	
	10	390/490		1120	1210	1155	1210	453		106																	73

Minimum railway radius - R_{min} , mm

Type	R_{min}^{**}
MT 3- ...	1500
MT 4- ...	2500
MT 5- ...	2500
MT 6- ...	3500

Monorail trolley, standard headroom - Reeving 2/1



Type	Lifting height, H, m	Weight, kg V1/V2 / V1M1/V2M2	Capacity, kg	General dimensions, mm																														
				L1				L2	L3	L4	L5	L6	L7	L8	B	B1, max	B2, max	B3	B4	B5	H1		H2	H3		H4	D	d	e	h				
				V1	V1/M1	V2	V2/M2														*	**		*	**					*	**			
MT 305	20	215/240	1000	1125	1165	1125	1165	520	215	195	90	400	629	1029	90 ... 130	100	310	34	580	159	939	986	132	168	215	321	100	7	50	45	46			
	27	230/250		1325	1365	1325	1365	620		295	829		1229	841																		1291	1151	1601
MT 405	36	470/515		1425	1495	1425	1495	670	307	74	79	450	931	1381	130 ... 150	115	360		650	184	1012	1079	155	196	263	366	125		42,5	34,5				
MT 505	40,5	515/585		1530	1615	1560	1615	715	345	79			841	1291																	1151	1601		
MT 410	18,5	445/490		2000	1225	1295	1225	1295	570	240	207	74	450	641	1091	130 ... 150	115		360	40	650	184	1112	1179	155	196	278		366	125	10	35	42,5	34,5
	25	470/510			1425	1495	1425	1495	670		307	841		1291	1153																			
MT 610	33,5	680/780	1540		1630	1575	1630	715	316	73	104	520	873	1323	130 ... 150	115	360	40	760	220	1193	1260	155	196	278	432	125	10	35	42,5	34,5			
	38	730/820	1645		1735	1680	1735	770	367				978	1428																		1153	1603	
MT 516	45,5	760/890	1820		1910	1855	1910	860	455	73	104	520	978	1428	130 ... 150	115	360	45	760	220	1263	1330	155	196	263	366	125	12	(10)	35	42,5	34,5		
	17	485/555	1310		1395	1340	1395	605	235				711	1161																			931	1381
MT 516	23	515/580	3200	1530	1615	1560	1615	715	240	280	104	520	931	1381	130 ... 150	115	360	45	650	184	1182	1249	155	196	263	366	125	12	(10)	35	42,5	34,5		
	29,5	790/820		1750	1835	1780	1835	825					455	1151																			1601	873
MT 616	27,5	680/780		1540	1630	1575	1630	715	316	73	104	520	873	1323	130 ... 150	115	360	50	760	220	1263	1330	155	196	263	366	125	12	(10)	35	42,5	34,5		
	31,5	730/820		1645	1735	1680	1735	770	367				978	1428																			1153	1603
MT 616	37,5	760/890		1820	1910	1855	1910	860	455	73	104	520	978	1428	130 ... 150	115	360	50	760	220	1263	1330	155	196	263	366	125	12	(10)	35	42,5	34,5		
	16,5	635/735		1330	1420	1365	1420	610	211				663	1113																			931	1381
MT 625	22,5	680/780	5000	1540	1630	1575	1630	715	240	280	104	520	873	1323	130 ... 150	115	360	50	760	220	1353	1420	155	211	278	432	125	15	(13)	38	42,5	34,5		
	25,5	730/820		1645	1735	1680	1735	770					367	978																			1428	1153
MT 725	30,5	760/890		1820	1910	1855	1910	860	455	280	104	520	1143	1663	130 ... 150	120	365	900	270	1493	1600	187	253	360	530	160	45	44						
	33	1190/1255		1890	1925	-	-	890	408				1143	1663																				
MT 740	40	1255/1320		2100	2135	-	-	995	512	104	520	120	365	56	900	270	1623	1730	187	253	360	530	160	18	(15)	55	45	44						
	12	990/1055		1300	1335	-	-	595	162																				54	553	1073	713	1233	928
MT 740	16,5	1060/1120	8000	1460	1495	-	-	675	280	300	104	520	713	1233	130 ... 150	120	365	56	900	270	1623	1730	187	253	360	530	160	18	(15)	55	45	44		
	22,5	1125/1185		1675	1710	-	-	785					300	928																			1448	1143
MT 740	28,5	1190/1250		1890	1925	-	-	890	408	280	300	104	520	1143	1663	130 ... 150	120	365	71	900	270	1723	1830	187	253	360	558	160	18	(15)	55	45	44	
	34,5	1255/1320		2100	2135	-	-	995	512					1353	1873																			
MT 750	12	1030/1100		10000	1377	1412	-	-	672	280	300	104	520	553	1073	130 ... 150	120	365	71	900	270	1723	1830	187	253	360	558	160	18	(15)	55	45	44	
	16,5	1080/1240			1537	1572	-	-	752					192	713																			1233
MT 750	22,5	1130/1190	1752		1787	-	-	862	300	280	300	104	520	713	1233	130 ... 150	120	365	71	900	270	1723	1830	187	253	360	558	160	18	(15)	55	45	44	
	28,5	1180/1240	1967		2002	-	-	967	408					1143	1663																			1353
MT 750	34,5	1240/1300	2177		2212	-	-	1072	512	280	300	104	520	1353	1873	130 ... 150	120	365	71	900	270	1723	1830	187	253	360	558	160	18	(15)	55	45	44	
	40,5	1290/1350	2387		2422	-	-	1177	617					1563	2083																			

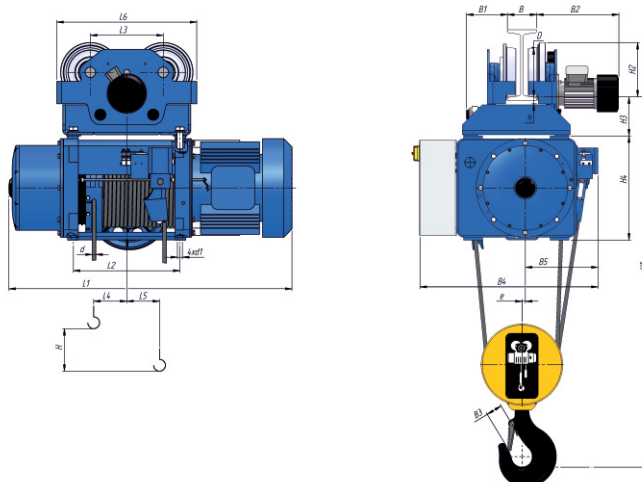
Minimum railway radius - R_{min} , mm

¹⁾The data given with * are to be considered for stiff suspended trolley

²⁾The data given with ** are to be considered for hinge suspended trolley

Type	R _{min} ^{**}
MT 3- ...	1500
MT 4- ...	2500
MT 5- ...	2500
MT 6- ...	2500
MT 7- ...	3500

Monorail trolley, standard headroom - Reeving 4/1

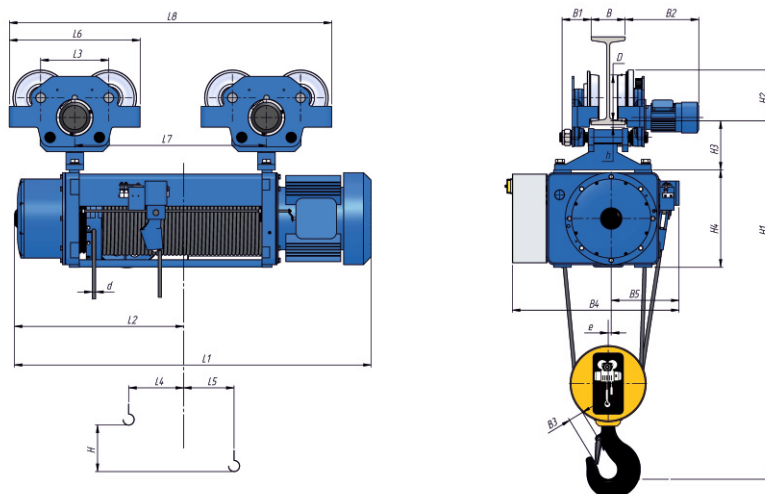


Type	Lifting height, H, m	Weight, kg V1/V2 / V1M1/V2M2	Capacity, kg	General dimensions, mm																						
				L1				L2	L3	L4	L5	L6	B	B1, max	B2, max	B3	B4	B5	H1	H2	H3	H4	D	d	e	h
				V1	V1/M1	V2	V2/M2																			
MT 305	6,5	270/290	2000	925	965	925	965	429	240	90	45	450	90 ... 130	115	360	40	650	229,5	894	155	157,5	321	125	7	25	42,5
MT 410	6	445/495	4000	1025	1095	1025	1095	441	240	65	25	450	130 ... 150	115	360	50	730	254	1049	155	157,5	366	125	10	15	42,5
MT 516	5,5	565/575	6300	1090	1175	1120	1175	491	280	67	35	520	130 ... 150	120	365	56	730	254	1106	187	175	366	160	12 (10)	15	43

Minimum railway radius - R_{min} , mm

Type	R_{min}^{**}
MT 3- ...	2500
MT 4- ...	2500
MT 5- ...	3500

Monorail trolley, standard headroom - Reeving 4/1



Type	Lifting height, H, m	Weight, kg V1 V2 / M1 M2	Capacity, kg	General dimensions, mm																											
				L1				L2	L3	L4	L5	L6	L7	L8	B	B1 _{max}	B2 _{max}	B3	B4	B5	H1		H2	H3		H4	D	d	e	h	
				V1	V1/M1	V2	V2/M2														*	**		*	**					*	**
MT 305	10	275/295	2000	1125	1165	1125	1165	520	215	190	-45	400	629	1029	90 ... 130	100	310	40	650	229,5	904	951	132	168	215	321	100	7	25	45	46
	13,5	290/310		1325	1365	1325	1365	620		290	-95		829	1229																	
MT 405	18	625/775		1425	1495	1425	1495	670	307	-115	841	1291	130 ... 150	115	360	850	309	1190	1235	155	233	278	432	125	10	42,5	34,5				
MT 505	20	745/820		1530	1615	1560	1615	715	345	-130	931	1381																1151	1601		
	25,5	820/880	1750	1835	1780	1835	825	455	-185	1151	1601																				
MT 410	9	585/630	4000	1225	1295	1225	1295	570	240	165	-25	450	841	1091	130 ... 150	115	360	50	730	254	1087	1154	155	196	263	366	125	15	42,5	34,5	
	12,5	625/775		1425	1495	1425	1495	670		265	-75		841	1291																	1151
MT 610	16,5	920/990		1540	1630	1575	1630	715	316	-120	873	1323	130 ... 150	120	365	850	309	1190	1235	155	233	278	432	125	14	42,5	34,5				
	19	940/1000		1645	1735	1680	1735	770	367	-145	978	1428																1153	1603		
	22,5	1010/1070	1820	1910	1855	1910	860	455	-190	1153	1603																				
MT 516	8,5	685/780	6300	1310	1395	1340	1395	605	240	177	-20	450	711	1161	130 ... 150	115	360	56	730	254	1127	1194	155	196	236	366	125	12 (10)	15	42,5	34,5
	11,5	740/815		1530	1615	1560	1615	715		287	-70		931	1381																	
	14,5	820/880		1750	1835	1780	1835	825	397	-125	1151	1601	130 ... 150	120	365	850	309	1230	1275	155	233	278	432	125	14	42,5	34,5				
MT 616	13,5	920/990		1540	1630	1575	1630	715	316	-120	873	1323																1153	1603		
	15,5	940/1000	1645	1735	1680	1735	770	367	-145	978	1428	1153	1603																		
	18,5	1010/1070	1820	1910	1855	1910	860	455	-190	1153	1603																				
MT 625	5	890/990	10000	1120	1210	1155	1210	505	280	29	61	520	453	973	130 ... 150	120	365	71	850	309	1360	1467	187	233	340	432	160	15 (13)	14	45	44
	8	590/1050		1330	1420	1365	1420	610		134	8		663	1183																	
	11	920/990		1540	1630	1575	1630	715	239	-44	873	1393	130 ... 150	120	365																
	12,5	940/1000		1645	1735	1680	1735	770	291	-71	873	1498					1153	1673													
MT 725	15	1010/1070	1820	1910	1855	1910	860	291	-71	873	1498	130 ... 150	120	365	71	850	309	1360	1467	187	233	340	432	160	15 (13)	14	45	44			
	16,5	1360/1420	1890	1925	-	-	890	408	-150	1143	1663																		1153	1673	
	20	1420/1480	2100	2135	-	-	995	512	-202	1353	1873																				
MT 732	8	1230/1290	12500	1460	1495	-	-	675	280	102	46	520	713	1233	130 ... 150	120	365	71	1000	369	1608	1715	187	253	360	530	160	18 (15)	23	45	44
	11	1300/1360		1675	1710	-	-	785		210	-8		928	1448																	
	8	1230/1290		1460	1495	-	-	675	102	46	713	1453	130 ... 150	160	365	71	1000	369	1790	-	335	405	-	530	250	18 (15)	23	60	-		
MT 740	11	1300/1360		1675	1710	-	-	785	210	-8	928	1668																		928	1668
	14	1360/1420	1890	1925	-	-	890	318	-62	1143	1883	130 ... 150	160	365	71	1000	369	1790	-	335	405	-	530	250	18 (15)	23	60	-			
	17	1420/1480	2100	2135	-	-	995	422	-114	1353	2098																		1143	1883	
MT 750	8	1330/1390	20000	1537	1572	-	-	752	354	102	46	740	713	1453	130 ... 150	160	365	90	1000	369	1790	-	335	405	-	558	250	18 (15)	23	60	-
	11	1385/1445		1752	1787	-	-	862		210	-8		928	1668																	
	14	1435/1495		1967	2002	-	-	967	318	-62	1143	1883	130 ... 150	160	365	90	1000	369	1790	-	335	405	-	558	250	18 (15)	23	60	-		
	17	1495/1555		2177	2212	-	-	1072	422	-114	1353	2098																		1143	1883
MT 763	8	1330/1390	25000	1537	1572	-	-	752	354	102	46	740	713	1453	130 ... 150	160	365	90	1000	369	1790	-	335	405	-	558	250	18 (15)	23	60	-
	11	1385/1445		1752	1787	-	-	862		210	-8		928	1668																	
	14	1435/1495		1967	2002	-	-	967	318	-62	1143	1883	130 ... 150	160	365	90	1000	369	1790	-	335	405	-	558	250	18 (15)	23	60	-		
	17	1495/1555		2177	2212	-	-	1072	422	-114	1353	2098																		1143	1883

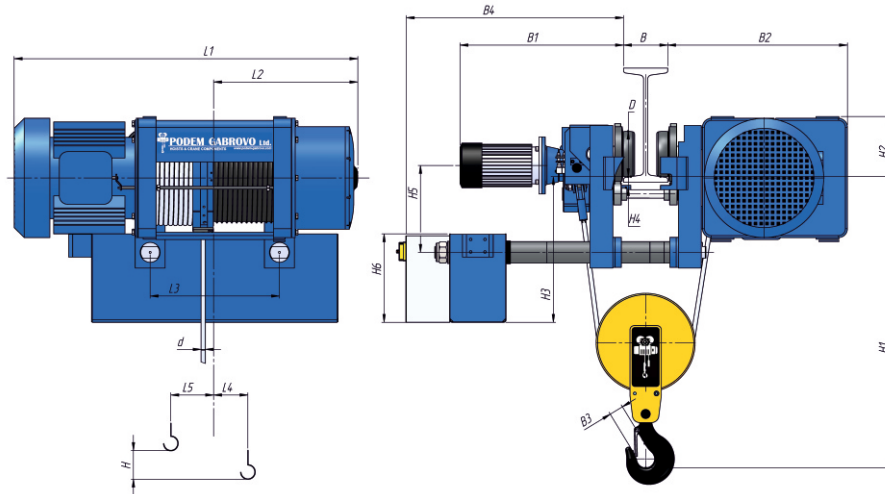
Minimum railway radius - R_{min} , mm

¹⁾The data given with * are to be considered for stiff suspended trolley

²⁾The data given with ** are to be considered for hinge suspended trolley

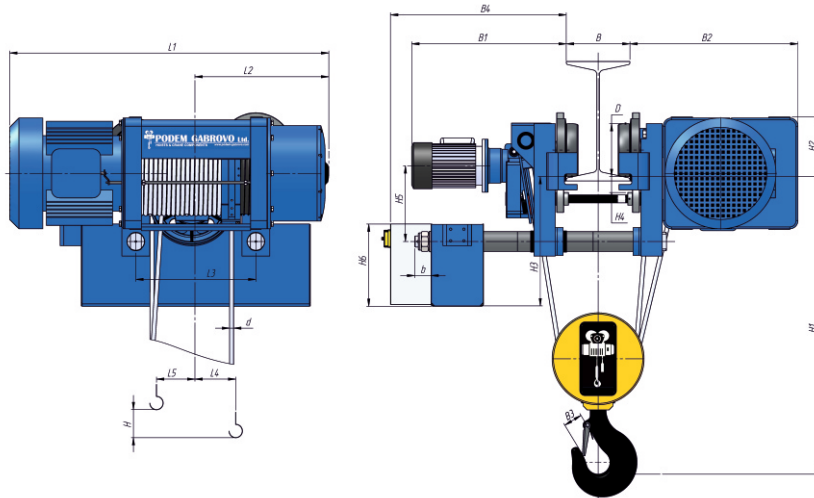
Type	$R_{\min}^{**}$
MT 3- ...	1500
MT 4- ...	2500
MT 5- ...	2500
MT 6- ...	2500
MT 7- ...	3500

Monorail trolley, reduced headroom - Reeving 2/1



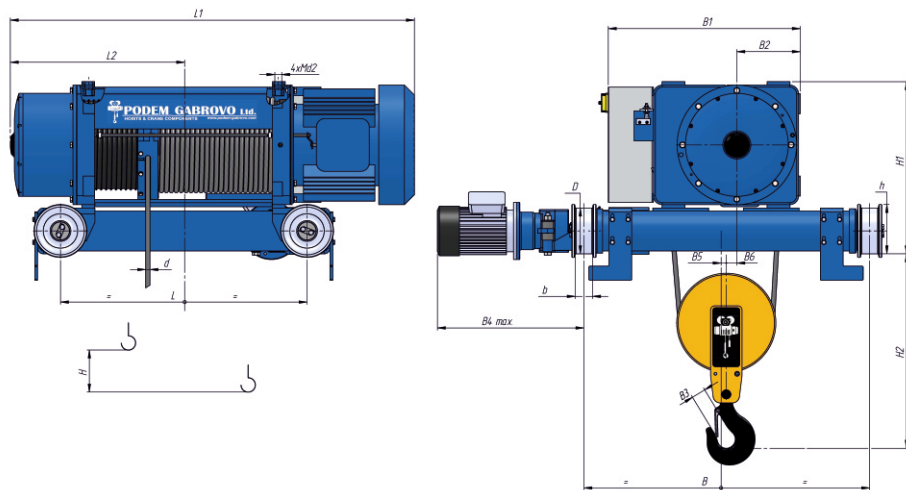
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																						
				L1				L2	L3	L4	L5	B	B1	B2	B3	B4	H1	H2	H3	H4	H5	H6	D	b	d	
				V1	V1/M1	V2	V2/M2																			
MT 305	6	220/250	1000	720	760	720	760	320	224	52	32	100 ... 170 171 ... 240 241 ... 300	500	460	34	500	615	164	440	35	233	310	100	27	7	
	9,5	230/260		825	865	825	865	370	329	104																
	13	240/270		925	965	925	965	420	429	100	87															
	20	265/295		1125	1165	1125	1165	520	629	200																
	27	285/315		1325	1365	1325	1365	620	829	300																
MT 410	5	360/410	2000	815	885	815	885	365	231	50	33	100 ... 170 171 ... 240 241 ... 300	515	511	40	485	680	204	447	35,5	240	310	125	27	10	
	8,5	380/425		925	995	925	995	420	341	105																
	12	395/445		1025	1095	1025	1095	470	441	110	79															114
	18,5	430/475		1225	1295	1225	1295	570	641	175																
	25	460/500		1425	1495	1425	1495	670	841	275																
MT 516	5	460/525	3200	860	945	890	945	380	261	65	29	100 ... 170 171 ... 240 241 ... 300	515	511	45	485	745	204	447	35,5	240	310	125	32	12 (10)	
	8	490/555		980	1065	1010	1065	440	381	125																
	11	530/595		1090	1175	1120	1175	495	491	142	67															157
	17	560/630		1310	1395	1340	1395	605	711	162																
	23	600/665		1530	1615	1560	1615	715	931	272																
MT 625	29,5	680/720		1750	1835	1780	1835	825	1151	382																
	7	710/810	5000	1015	1105	1050	1105	445	348	90	38	100 ... 170 171 ... 240 241 ... 300	550	605	50	490	920	257	465	38	255	310	160	32	15 (13)	
	10	725/825		1120	1210	1155	1210	505	453	90	90															
	16,5	795/895		1330	1420	1365	1420	610	663	143	142															
	22,5	850/950		1540	1630	1575	1630	715	873	248																
25,5	950/1000	1645		1735	1680	1735	770	987	300																	
MT 740	30,5	1010/1060		1820	1910	1855	1910	860	1153	388																
	7,5	930/990	8000	1140	1175	-	-	515	393	75	50	100 ... 170 171 ... 240 241 ... 300	575	744	56	665	1050	316	512	60	303	310	200	35	18 (15)	
	12	1100/1160		1300	1335	-	-	595	553	155																
	16,5	1170/1235		1460	1495	-	-	675	713	167	118															
	22,5	1240/1300		1675	1710	-	-	785	928	248																
	28,5	1310/1370		1890	1925	-	-	890	1143	382																
34,5	1380/1440	2100		2135	-	-	995	1353	487																	

Monorail trolley, reduced headroom - Reeving 4/1



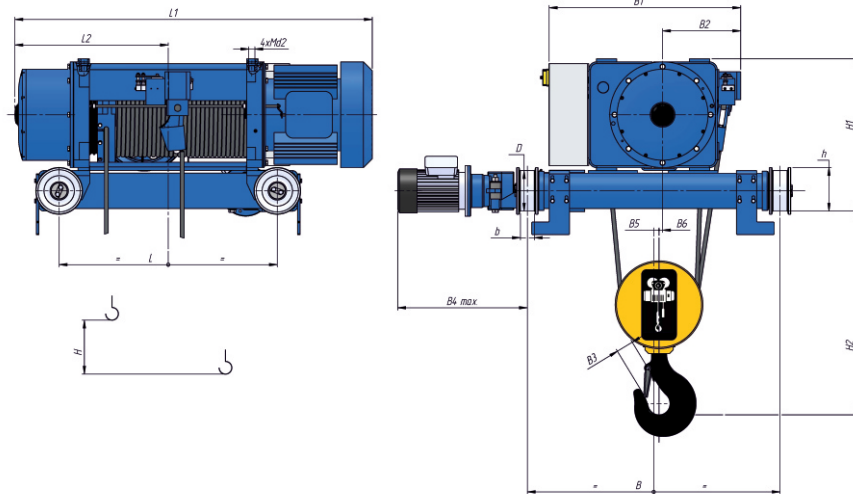
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																					
				L1				L2	L3	L4	L5	B	B1	B2	B3	B4	H1	H2	H3	H4	H5	H6	D	b	d
				V1	V1/M1	V2	V2/M2																		
MT 305	6,5	260/290	2000	925	965	925	965	420	429	45,5	41	100 ... 170 171 ... 240 241 ... 300	500	460	40	510	615	164	440	35	233	310	100	27	7
	10	280/310		1125	1165	1125	1165	520	629	146	-9														
	13,5	300/330		1325	1365	1325	1365	620	829	246	-59														
MT 308	6,5	260/290	3200	925	965	925	965	420	429	45,5	41	100 ... 170 171 ... 240 241 ... 300	500	470	45	490	625	164	440	35	233	310	100	27	7
	10	280/310		1125	1165	1125	1165	520	629	146	-9														
	13,5	300/330		1325	1365	1325	1365	620	829	246	-59														
MT 410	6	450/500	4000	1025	1095	1025	1095	470	441	29	54	100 ... 170 171 ... 240 241 ... 300	515	511	50	485	660	204	447	35,5	240	310	125	27	10
	9	490/535		1225	1295	1225	1295	570	641	129	4														
	12,5	520/555		1425	1495	1425	1495	670	841	229	-46														
MT 516	5,5	570/635	6300	1090	1175	1120	1175	495	491	25	67	100 ... 170 171 ... 240 241 ... 300	525	527	56	490	700	198	465	38	255	310	160	32	12 (10)
	8,5	600/670		1310	1395	1340	1395	605	711	135	12														
	11,5	620/685		1530	1615	1560	1615	715	931	245	-42														
	14,5	680/740		1750	1835	1780	1835	825	1151	355	-97														
MT 625	5	865/965	10000	1120	1210	1155	1210	505	453	-34	112	100 ... 170 171 ... 240 241 ... 300	550	626	71	495	830	225	495	60	286	310	200	35	15 (13)
	8	940/1040		1330	1420	1365	1420	610	663	71	60														
	11	995/1095		1540	1630	1575	1630	715	873	176	7														
	12,5	1090/1150		1645	1735	1680	1735	770	978	228	-19														
	15	1120/1180		1820	1910	1855	1910	860	1153	315	-62														
MT 740	8	1420/1485	16000	1460	1495	-	-	675	713	38	100	100 ... 170 171 ... 240 241 ... 300	575	766	71	730	960	303	525	68	308	310	250	35	18 (15)
	11	1495/1555		1675	1710	-	-	785	928	128	62														
	14	1565/1625		1890	1925	-	-	890	1143	236	8														
	17	1640/1700		2100	2135	-	-	995	1353	341	-44														

Double rail trolley - Reeving 2/1



Type	Lifting height, H, m	Weight, kg	Capacity, kg	General dimensions, mm																	
				L	L1				L2	B	B1	B2	B3	B4	B5	B6	H1	H2	b	D	h
					V1	V1/M1	V2	V2/M2													
MT 410	5		2000	431	815	885	815	885	365	1000	650	184	40	480	-1	35	525	550	50	160	175
	8,5			541	925	995	925	995	420												
	12			641	1025	1095	1025	1095	470												
	18,5			841	1225	1295	1225	1295	570												
	25			1041	1425	1495	1425	1495	670												
MT 516	8		3200	461	860	945	890	945	380	1000	650	184	45	480	-3	35	525	620	50	160	175
	11			581	980	1065	1010	1065	440												
	17			691	1090	1175	1120	1175	495												
	23			911	1310	1395	1340	1395	605												
	29,5			1131	1530	1615	1560	1615	715												
MT 625	7		5000	548	1015	1105	1050	1105	445	1000	760	220	50	480	1	38	590	710	50	160	175
	10			653	1120	1210	1155	1210	505												
	16,5			863	1330	1420	1365	1420	610												
	22,5			1073	1540	1630	1575	1630	715												
	25,5			1178	1645	1735	1680	1735	770												
MT 740	7,5		8000	673	1140	1175	-	-	515	1200	900	270	56	760	-4	55	740	840	60	200	215
	12			833	1300	1335	-	-	595												
	16,5			993	1460	1495	-	-	675												
	22,5			1108	1675	1710	-	-	785												
	28,5			1423	1890	1925	-	-	890												
	34,5			1633	2100	2135	-	-	995												

Double rail trolley - Reeving 4/1



Type	Lifting height, H, m	Weight, kg	Capacity, kg	General dimensions, mm																	
				L	L1				L2	B	B1	B2	B3	B4	B5	B6	H1	H2	b	D	h
					V1	V1/M1	V2	V2/M2													
MT 410	6		4000	641	1025	1095	1025	1095	470	1000	730	254	50	480	27	15	525	505	50	160	175
	9			841	1225	1295	1225	1295	570												
	12,5			1041	1425	1495	1425	1495	670												
MT 516	5,5		6300	691	1090	1175	1120	1175	495	1000	730	254	56	480	27	15	525	545	50	160	175
	8,5			911	1310	1395	1340	1395	605												
	11,5			1131	1530	1615	1560	1615	715												
MT 625	5		10000	653	1120	1210	1155	1210	505	1000	850	309	71	480	23	14	590	685	50	160	175
	8			863	1330	1420	1365	1420	610												
	11			1073	1540	1630	1575	1630	715												
	12,5			1178	1645	1735	1680	1735	770												
MT 740	8		16000	993	1460	1495	-	-	675	1200	1000	369	71	760	22	23	740	765	60	200	215
	11			1208	1675	1710	-	-	785												
	14			1423	1890	1925	-	-	890												
	17			1633	2100	2135	-	-	995												



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