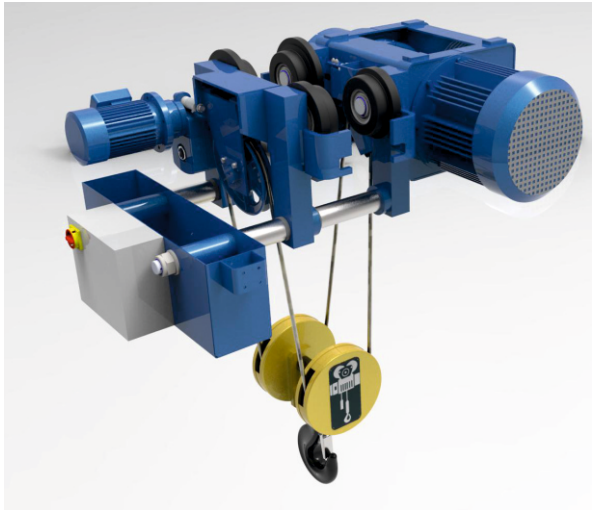
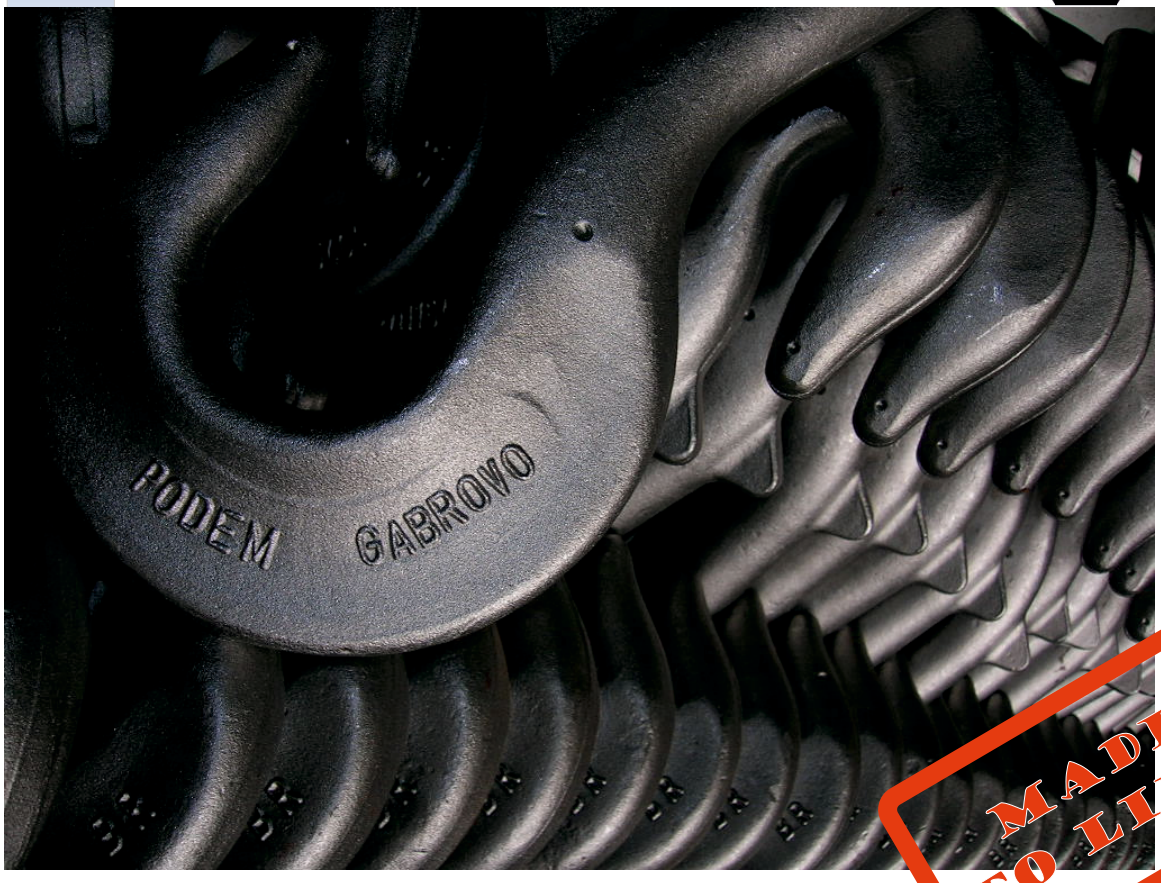
Electric Wire Rope hoists MT





MADE TO LIFT

PODEM GABROVO Ltd.

HOISTS & CRANE COMPONENTS

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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.







CONTENTS

Selection 3
Type selection 4
Type designation 7
Description of the electric hoist 8
Stationary electric wire rope hoist - Reeving 1/1 9
Stationary electric wire rope hoist - Reeving 2/2 10
Stationary electric wire rope hoist - Reeving 2/1 11
Stationary electric wire rope hoist - Reeving 4/2 12
Stationary electric wire rope hoist - Reeving 4/1 13
Monorail trolley, standard headroom - Reeving 2/1 14
Monorail trolley, standard headroom - Reeving 4/1 16
Monorail trolley, reduced headroom - Reeving 2/1 18
Monorail trolley, reduced headroom - Reeving 4/1 19
Double rail trolley - Reeving 2/1 20
Double rail trolley - Reeving 4/1 21

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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.

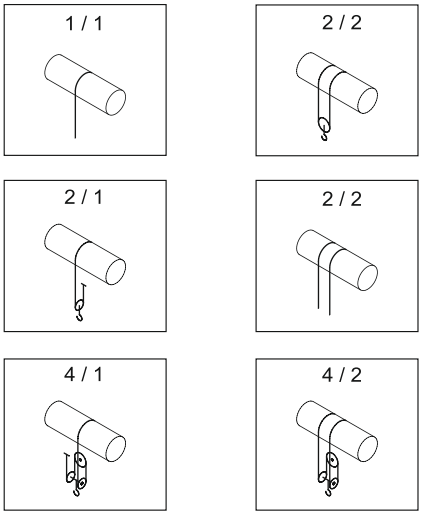
SELECTION EXAMPLE

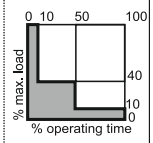
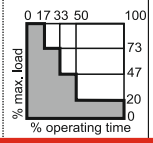
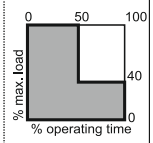
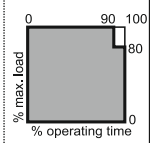
Loading capacity		**- 5000 kg**
Average lifting path of the hook	**(H)**	**- 6 m**
Hoisting speed	**(V)**	**- 8 m/min**
Reeving		**- 2/1**
Load spectrum		**- "medium"**
Cycles per hour	**(N)**	**- 20**
Average operating time per day	**(T)**	**- 7 hours**

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

$$Tm = \frac{2 \times H \times N \times T}{60 \times V} = \frac{2 \times 6 \times 20 \times 7}{60 \times 8} = 3.5 \text{ hours}$$

For the "medium" load spectrum and average operating time per day of 3.5 hours the group "2m" is shown in table "LOAD SPECTRUM-CLASS OF OPERATING TIME".
For loading capacity of 5000 kg and 2/1 reeving the type of the hoist **"MT 625"** or **"MT 725"** 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 REEVING 1/1 2/2	CAPACITY, kg REEVING 2/1 4/2	CAPACITY, kg REEVING 4/1	SERIES	SIZE		
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	–	–	–		–
	MT408	3m	M6		–	–	10	19,5	29	–	–	–		24 24/4
	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	–		

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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	3m	M6	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	–	–	–		
	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

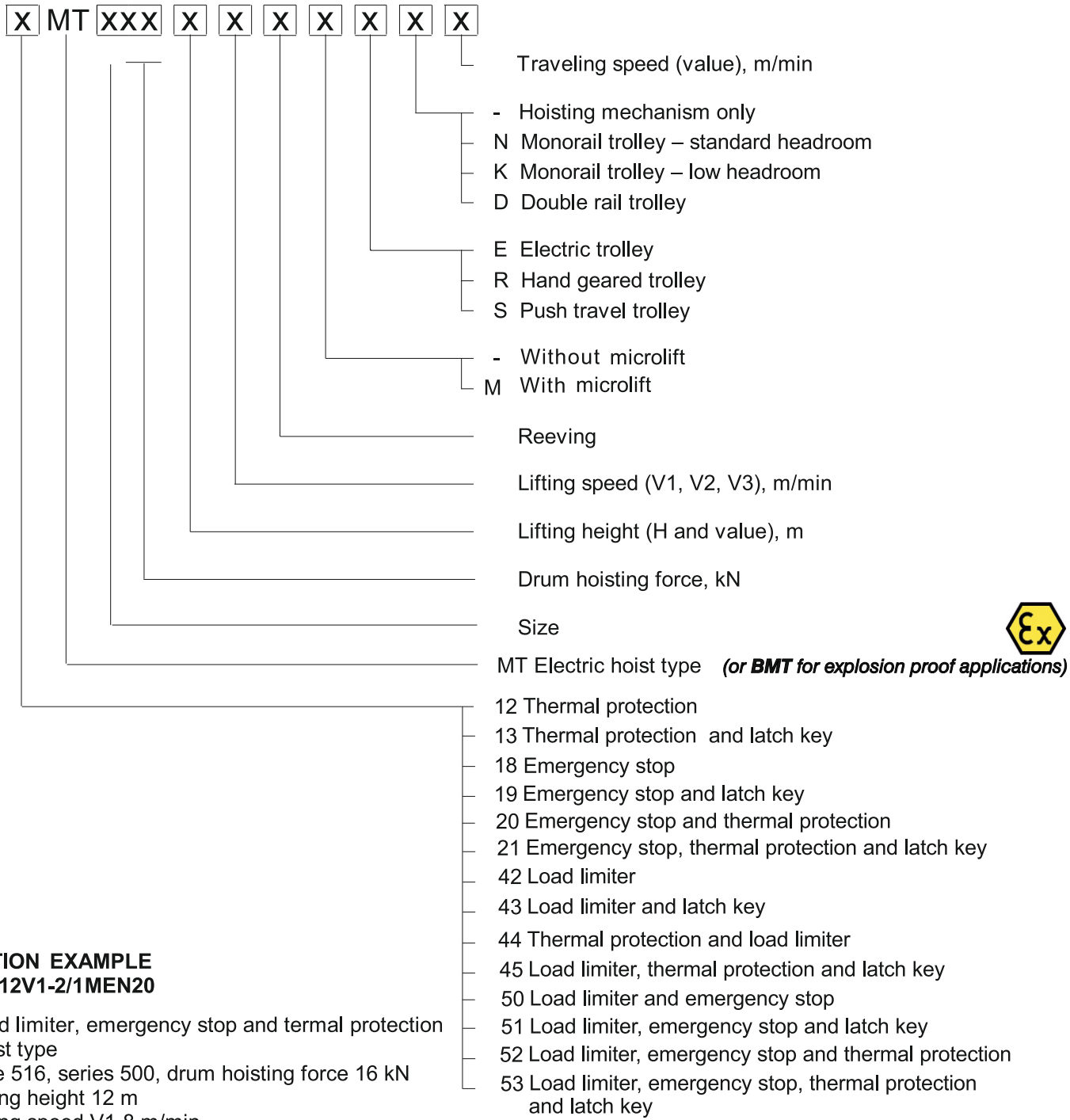
Capacity, kg	Hoist size	DIN 15020 FEM 9.511	ISO 4301	REEVING	Drum Size								Lifting speed, m/min	
					01	02	03	04	05	06	07	08	V1 V1/M1	V2 V2/M2
					Lifting height, m									
4000	MT 740	1Am	M4	1/1	–	15 (17,5)	24 (28)	33,5 (38)	45,5 (52)	57,5 (66)	69,5 (79,5)	–	16 16/4	–
				2/2	–	–	–	10	16,5	24	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
	MT720				–	–	–	–	–	33 (38)	40 (46)	–		
	MT620			4/2	–	–	–	–	9,5	11	14,5	–		
	MT720				–	–	–	–	–	15,5	19,5	–		
	MT410	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
	MT725				–	–	–	–	–	33 (38)	40 (46)	–		
	MT625			4/2	–	–	–	–	9,5	11	14,5	–		
	MT725				–	–	–	–	–	15,5	19,5	–		
	MT 512	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	MT763	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	
	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	12 12/2
				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	MT740	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
	MT720				–	–	–	–	–	16,5 (19)	20 (23)	–		
10000	MT750	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
	MT725				–	–	–	–	–	16,5 (19)	20 (23)	–		
12500	MT763	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	MT763	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.

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TYPE DESIGNATION



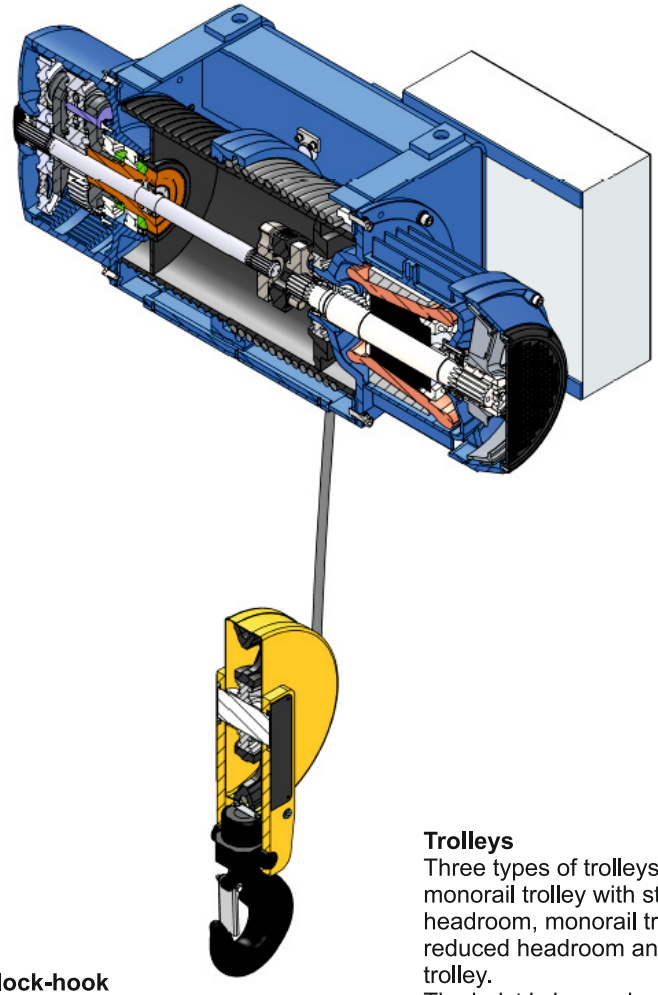
DESIGNATION EXAMPLE
52MT516H12V1-2/1MEN20

52 - Load limiter, emergency stop and termal 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 2/1
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 ± 4°. 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.

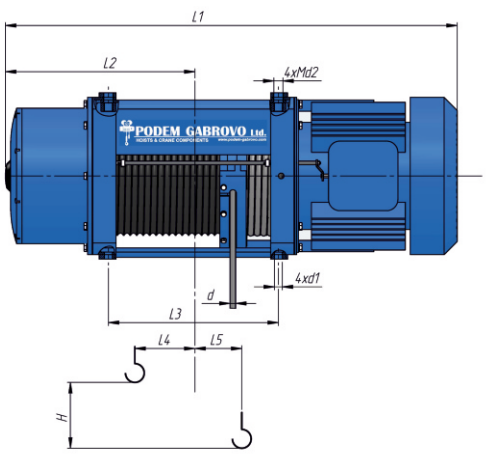
Rubber packed coupler
This is flexible coupler as a joint unit between the hoisting motor and gear unit. The coupler works as a shock - absorber and ensures resistance free motor's shaft axial replacement. Sure connection between the motor and the gear unit is warranted.

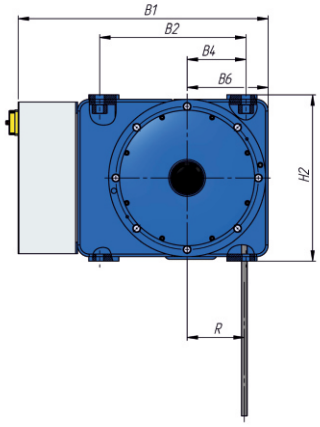
Trolleys
Three types of trolleys are available: monorail trolley with standard headroom, monorail trolley with reduced headroom and double rail trolley.
The hoist is hanged up or mounted to the trolley in the best position, ensuring optimum load distribution on the travel wheels. The trolley could be 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.

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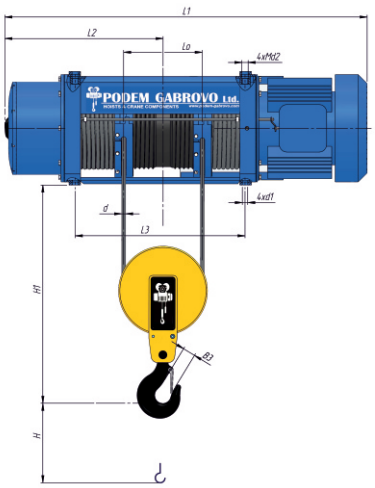
Stationary electric wire rope hoist - Reeving 1/1

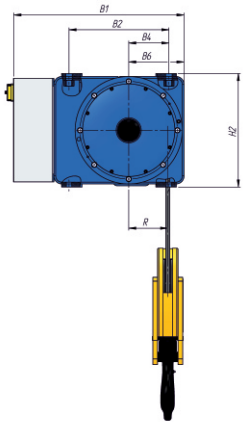




Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																
				L1				L2	L3	L4	L5	B1	B2	B4	B6	H2	R	d	d1	d2
				V1	V1/M1	V2	V2/M2													
MT 305	12	105/125	500	720	760	720	760	320	224	93	77	580	295	105	159	321	90	7	15	M14
	19	110/135		825	865	825	865	370	329	145	130									
	26	118/140		925	965	925	965	420	429	195	180									
	40,5	130/155		1125	1165	1125	1165	520	629	295	280									
	54,5	145/165		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	110/135		825	865	825	865	370	329	145	130									
	26	118/140		925	965	925	965	420	429	195	180									
	40,5	130/155		1125	1165	1125	1165	520	629	295	280									
	54,5	145/165		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	215/255		925	995	925	995	420	341	144	116									
	24	220/265		1025	1095	1025	1095	470	441	194	166									
	37	255/300		1225	1295	1225	1295	570	641	294	266									
	50,5	280/325		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	750/810		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									
	59	505/595		1750	1835	1780	1835	825	1151	549	521									
MT 616	55,5	500/550		1540	1630	1575	1630	715	873	403	382	760	390	157	220	432	158,5 (157,5)		21	M24
	63	630/700		1645	1735	1680	1735	770	978	456	434									
	73,5	750/810		1820	1910	1855	1910	860	1153	543	522									
MT 625	14,5	365/460	2500	1015	1105	1050	1105	445	348	146	109	760	390	157	220	432	160 (159)	15 (13)	21	M24
	20,5	382/482		1120	1210	1155	1210	505	453	198	162									
	33	437/537		1330	1420	1365	1420	610	663	303	267									
	45	485/252		1540	1630	1575	1630	715	873	407	372									
	51	630/700		1645	1735	1680	1735	770	978	461	424									
	61	805/865		1820	1910	1855	1910	860	1153	548	512									
MT 725	66,5	840/900		1890	1925	-	-	890	1143	531	499	900	475	186,5	270	530	178,5 (177,5)		25	M27
	80	895/955		2100	2135	-	-	995	1353	636	604									
MT 740	15	635/690	4000	1140	1175	-	-	515	393	158	117	900	475	186,5	270	530	180 (178,5)	18 (15)	25	M27
	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									
	57,5	840/900		1890	1925	-	-	890	1143	533	492									
	69,5	890/955		2100	2135	-	-	995	1353	368	597									
MT 750	15	760/820	5000	1217	1252	-	-	592	393	158	117	900	475	186,5	270	558	180 (178,5)	18 (15)	31	-
	24	800/860		1377	1412	-	-	672	553	238	197									
	33,5	870/930		1537	1572	-	-	752	713	318	277									
	45,5	930/990		1752	1787	-	-	862	928	426	384									
	57,5	980/1040		1967	2002	-	-	967	1143	533	492									
	69,5	1040/1100		2177	2212	-	-	1072	1353	368	597									
MT 763	15	760/820	6300	1217	1252	-	-	592	393	158	117	900	475	186,5	270	558	180 (178,5)	18 (15)	31	-
	24	800/860		1377	1412	-	-	672	553	238	197									
	33,5	870/930		1537	1572	-	-	752	713	318	277									
	45,5	930/990		1752	1787	-	-	862	928	426	384									
	57,5	980/1040		1967	2002	-	-	967	1143	533	492									
	69,5	1040/1100		2177	2212	-	-	1072	1353	368	597									

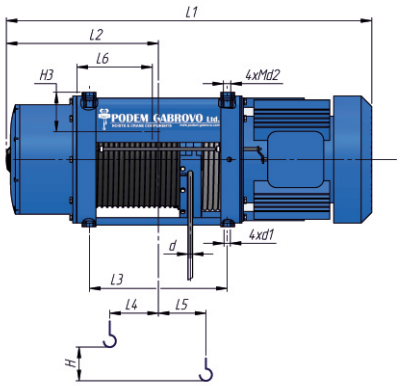
Stationary electric wire rope hoist - Reeving 2/2

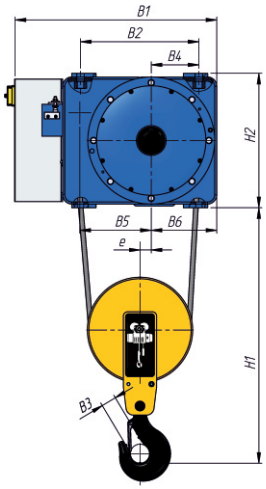




Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, Kg	General dimensions, mm																
				L1				L2	L3	Lo min	B1	B2	B3	B4	B6	H1	H2	R	d	d1	d2
				V1	V1/M1	V2	V2/M2														
MT 305	11	115/140	500	925	965	925	965	420	429	110	580	295	34	105	159	450	321	89	5	15	M14
	20,5	130/155		1125	1165	1125	1165	520	629												
	29,5	145/165		1325	1365	1325	1365	620	829												
MT 405	15	215/260		1025	1095	1025	1095	470	441		650	325		127,5	184		366	119,5		17	M20
MT 505	31,5	320/370		1310	1395	1340	1395	605	711												
MT 308	11	115/140	800	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 410	10	220/260	1000	1025	1095	1025	1095	470	441	110	650	325	34	127,5	184	450	366	120,5	7	17	M20
	19,5	255/305		1225	1295	1225	1295	570	641												
	29	280/325		1425	1495	1425	1495	670	841												
MT 610	39,5	530/590		1540	1630	1575	1630	715	873		760	390		157	220		432	156		21	M24
	46,5	630/700		1645	1735	1680	1735	770	978												
	56,5	750/810		1820	1910	1855	1910	860	1153												
MT 516	7	255/310	1600	1090	1175	1120	1175	495	491	155	650	325	40	127,5	184	550	366	122	10	17	M20
	14,5	290/345		1310	1395	1340	1395	605	711												
	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		157	220		432	157,5		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												
	29	750/810		1820	1910	1855	1910	860	1153												
MT 725	31	780/830		1890	1925	-	-	890	1143		900	475		186,5	270		530	177		25	M27
	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												

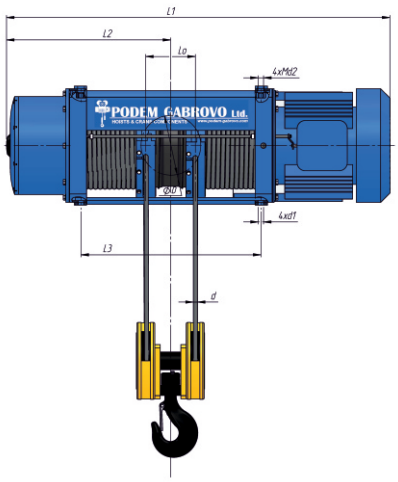
Stationary electric wire rope hoist - Reeving 2/1

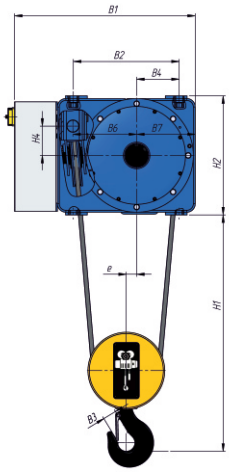




Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																					
				L1				L2	L3	L4	L5	L6	B1	B2	B3	B4	B5	B6	H1	H2	H3	d	d1	d2	e
				V1	V1/M1	V2	V2/M2																		
MT 305	6	105/125	1000	720	760	720	760	320	224	45	40	145	580	295	34	105	190,5	159	450	321	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	90	245													
	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		1425	1495	1425	1495	670	841	307	74	240	650	325		127,5	199	184		366	90		17	M20	35
MT 505	40,5	330/395		1530	1615	1560	1615	715	931	345	79														
	51	500/600		1750	1835	1780	1835	825	1151	455															
MT 308	6	105/125	1600	720	760	720	760	320	224	45	40	145	580	295	40	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	90	245													
	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	74	240													
	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		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															
MT 516	5	228/293	3200	860	945	890	945	380	261	60	29	150	650	325	45	127,5	199	184	620	366	86	12 (10)	17	M20	35
	8	245/310		980	1065	1010	1065	440	381	120															
	11	260/325		1090	1175	1120	1175	495	491	125	79	250													
	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		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															
MT 625	7	370/470	5000	1015	1105	1050	1105	445	348	104	23	154	760	390	50	157	235	220	710	432	110	15 (13)	21	M24	38
	10	390/490		1120	1210	1155	1210	505	453	106	73	254													
	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		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	104	340													
	22,5	795/855		1675	1710	-	-	785	928	300															
	28,5	845/905		1890	1925	-	-	890	1143	408															
	34,5	905/965		2100	2135	-	-	995	1353	512															
MT 750	7,5	760/820	10000	1217	1252	-	-	592	393	82	54	240	900	475	71	186,5	290,5	270	840	558	157	18 (15)	31	----	55
	12	800/860		1377	1412	-	-	672	553	162															
	16,5	870/930		1537	1572	-	-	752	713	192	104	340													
	22,5	930/990		1752	1787	-	-	862	928	300															
	28,5	980/1040		1967	2002	-	-	967	1143	408															
	34,5	1045/1100		2177	2212	-	-	1072	1353	512															
MT 763	7,5	760/820	12500	1217	1252	-	-	592	393	82	54	240	900	475	71	186,5	290,5	270	840	558	157	18 (15)	31	----	55
	12	800/860		1377	1412	-	-	672	553	162															
	16,5	870/930		1537	1572	-	-	752	713	192	104	340													
	22,5	930/990		1752	1787	-	-	862	928	300															
	28,5	980/1040		1967	2002	-	-	967	1143	408															
	34,5	1045/1100		2177	2212	-	-	1072	1353	512															

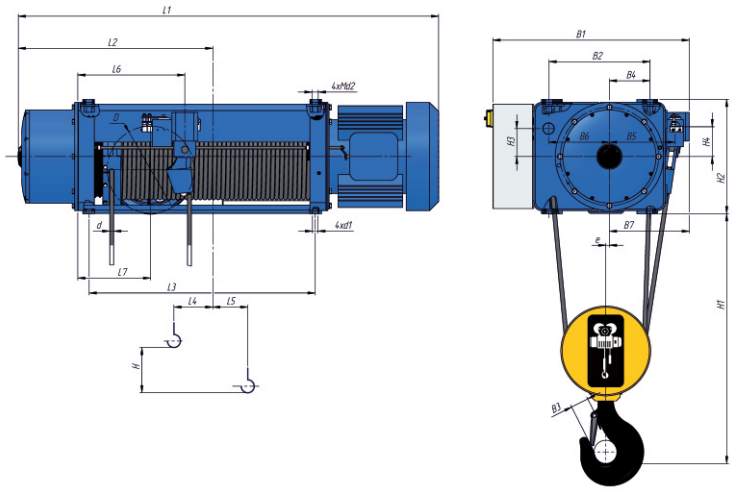
Stationary electric wire rope hoist - Reeving 4/2





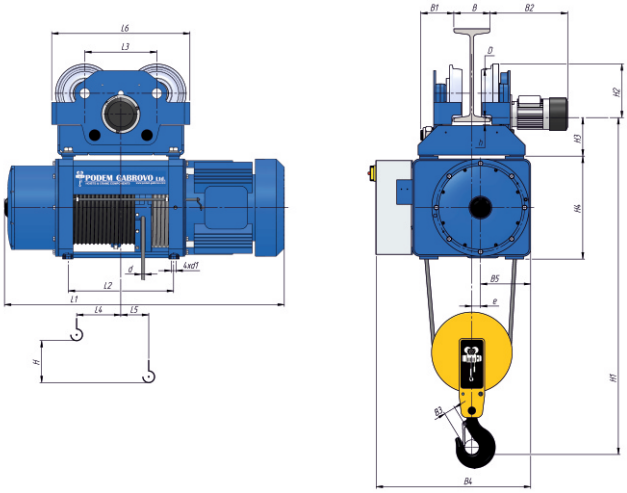
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, Kg	General dimensions, mm																				
				L1				L2	L3	Lo min	B1	B2	B3	B4	B6	B7	H1	H2	H4	D	d	d1	d2	e
				V1	V1/M1	V2	V2/M2																	
MT 305	10	160/175	1000	1125	1165	1125	1165	520	629	110	650	295	40	105	190,5	159	415	321	75	100	5	15	M14	50
	14,5	175/195		1325	1365	1325	1365	620	829															
MT 405	7,5	290/340		1025	1095	1025	1095	470	441		730	325		127,5	199	184		366	91			17	M20	35
MT 505	15,5	360/430		1310	1395	1340	1395	605	711										101					
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	50
	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															
MT 610	19,5	540/640		1540	1630	1575	1630	715	873		850	390		157	235	220		432	117			21	M24	38
	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															
	14,5	530/570		1750	1835	1780	1835	825	1151															
MT 616	12,5	540/640		1540	1630	1575	1630	715	873		850	390		157	235	220		432	117			21	M24	38
	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															
	14,5	660/720		1820	1910	1855	1910	860	1153															
MT 725	15,5	700/780		1890	1925	-	-	890	1143		1000	475		186,5	290,5	270		530	128			25	M27	55
	19,5	850/915		2100	2135	-	-	995	1353															
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															
	15	1055/1110		2177	2212	-	-	1072	1353															
MT 763	5	880/940	12500	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															
	15	1055/1110		2177	2212	-	-	1072	1353															
MT 780	5	880/940	16000	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															
	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																		
	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	300	194	730	325		127,5	206	199	254		366	85	91	200		17	M20	15
MT 505	20	395/450		1530	1615	1560	1615	715	931	345	-130	350	216											101	240				
	25,5	495/550		1750	1835	1780	1835	825	1151	455	-185																		
MT 308	6,5	130/150	3200	925	965	925	965	420	429	90	45	250	161	650	295	45	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																		
	13,5	185/210		1325	1365	1325	1365	620	829	290	-95																		
MT 410	6	310/350	4000	1025	1095	1025	1095	470	441	65	25	300	194	730	325	50	127,5	206	199	254	525	366	85	91	200	10	17	M20	15
	9	335/395		1225	1295	1225	1295	570	641	165	-25																		
	12,5	365/410		1425	1495	1425	1495	670	841	265	-75																		
MT 610	16,5	540/640		1540	1630	1575	1630	715	873	316	-120	400	232	850	390		157	254	235	309		432	109	117	293		21	M24	14
	19	560/660		1645	1735	1680	1735	770	978	367	-145																		
	22,5	800/900		1820	1910	1855	1910	860	1153	455	-190																		
MT 516	5,5	305/370	6300	1090	1175	1120	1175	495	491	67	35	350	216	730	325	56	127,5	206	199	254	565	366	85	101	240	12 (10)	17	M20	15
	8,5	340/405		1310	1395	1340	1395	605	711	177	-20																		
	11,5	395/450		1530	1615	1560	1615	715	931	287	-70																		
	14,5	580/680		1750	1835	1780	1835	825	1151	397	-125																		
MT 616	13,5	540/640		1540	1630	1575	1630	715	873	316	-120	400	232	850	390		157	254	235	309		432	109	117	293		21	M24	14
	15,5	560/660		1645	1735	1680	1735	770	978	367	-145																		
	18,5	800/900		1820	1910	1855	1910	860	1153	455	-190																		
MT 625	5	510/610	10000	1120	1210	1155	1210	505	453	29	61	400	232	850	390	71	157	254	235	309	695	432	109	117	293	15 (13)	21	M24	14
	8	570/670		1330	1420	1365	1420	610	663	134	8																		
	11	540/640		1540	1630	1575	1630	715	873	239	-44																		
	12,5	560/660		1645	1735	1680	1735	770	978	291	-71																		
	15	800/900		1820	1910	1855	1910	860	1153	291	-71																		
MT 725	16,5	990/1050		1890	1925	-	-	890	1143	408	-150	500	324	1000	475		186,5	309	290,5	369		530	126	128	360		25	M27	23
	20	1050/1110		2100	2135	-	-	995	1353	512	-202																		
MT 740	8	870/930	16000	1460	1495	-	-	675	713	102	46	500	324	1000	475	71	186,5	309	290,5	369	775	530	126	128	360	18 (15)	25	M27	23
	11	980/1040		1675	1710	-	-	785	928	210	-8																		
	14	1030/1090		1890	1925	-	-	890	1143	318	-62																		
	17	1090/1150		2100	2135	-	-	995	1353	422	-114																		
MT 750	8	880/940	20000	1537	1572	-	-	752	713	102	46	500	324	1000	475	90	186,5	309	290,5	369	825	558	126	128	360	18 (15)	31	—	23
	11	940/1000		1752	1787	-	-	862	928	210	-8																		
	14	990/1050		1967	2002	-	-	967	1143	318	-62																		
	17	1055/1110		2177	2212	-	-	1072	1353	422	-114																		
MT 763	8	880/940	25000	1537	1572	-	-	752	713	102	46	500	324	1000	475	90	186,5	309	290,5	369	825	558	126	128	360	18 (15)	31	—	23
	11	940/1000		1752	1787	-	-	862	928	210	-8																		
	14	990/1050		1967	2002	-	-	967	1143	318	-62																		
	17	1055/1110		2177	2212	-	-	1072	1353	422	-114																		

Monorail trolley, standard headroom - Reeving 2/1



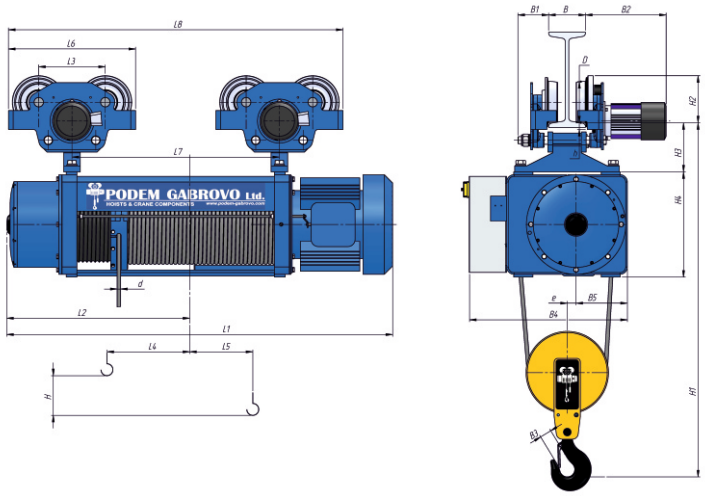
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																						
				L1				L2	L3	L4	L5	L6	B	B1, max	B2, max	B3	B4	B5	H1	H2	H3	H4	D	d	e	h
				V1	V1/M1	V2	V2/M2																			
MT 305	6	105/125	1000	720	760	720	760	224	215	45	40	400	90 ... 130	100	310	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

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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																				
MT 405	36	470/515		1425	1495	1425	1495	670		307	74		841	1291																				
MT 505	40,5	515/585		1530	1615	1560	1615	715	240	345	79	450	931	1381	130 ... 150	115	360		650	184	1012	1079	155	196	263	366	125			42,5	34,5				
	51	790/820		1750	1835	1780	1835	825		455			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																				
MT 610	33,5	680/780		1540	1630	1575	1630	715		316	73		873	1323					760	220	1193	1260				432								
	38	730/820		1645	1735	1680	1735	770		367			978	1428																				
	45,5	760/890		1820	1910	1855	1910	860		455			1153	1603																				
MT 516	17	485/555	3200	1310	1395	1340	1395	605	240	235	79	450	711	1161	130 ... 150	115	360	45	650	184	1182	1249	155	196	263	366	125	12 (10)	35	42,5	34,5				
	23	515/580		1530	1615	1560	1615	715		345			931	1381																				
	29,5	790/820		1750	1835	1780	1835	825		455			1151	1601																				
MT 616	27,5	680/780		1540	1630	1575	1630	715		316	73		873	1323					760	220	1263	1330		211	278	432								
	31,5	730/820		1645	1735	1680	1735	770		367			978	1428																				
	37,5	760/890		1820	1910	1855	1910	860		455			1153	1603																				
MT 625	16,5	635/735	5000	1330	1420	1365	1420	610	240	211	73	450	663	1113	130 ... 150	115	360	50	760	220	1353	1420	155	211	278	432	125	15 (13)	38	42,5	34,5				
	22,5	680/780		1540	1630	1575	1630	715		316			873	1323																				
	25,5	730/820		1645	1735	1680	1735	770		367			978	1428																				
	30,5	760/890		1820	1910	1855	1910	860		455			1153	1603																				
MT 725	33	1190/1255		1890	1925	-	-	890	280	408	104	520	1143	1663		120	365		900	270	1493	1600	187	253	360	530	160			45	44				
	40	1255/1320		2100	2135	-	-	995		512			1353	1873																				
MT 740	12	990/1055	8000	1300	1335	-	-	595	280	162	54	520	553	1073	130 ... 150	120	365	56	900	270	1623	1730	187	253	360	530	160	18 (15)	55	45	44				
	16,5	1060/1120		1460	1495	-	-	675		192	104		713	1233																				
	22,5	1125/1185		1675	1710	-	-	785		300			928	1448																				
	28,5	1190/1250		1890	1925	-	-	890		408			1143	1663																				
	34,5	1255/1320		2100	2135	-	-	995		512			1353	1873																				
MT 750	12	1030/1100	10000	1377	1412	-	-	672	280	162	54	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	104		713	1233																				
	22,5	1130/1190		1752	1787	-	-	862		300			928	1448																				
	28,5	1180/1240		1967	2002	-	-	967		408			1143	1663																				
	34,5	1240/1300		2177	2212	-	-	1072		512			1353	1873																				
	40,5	1290/1350		2387	2422	-	-	1177		617			1563	2083																				

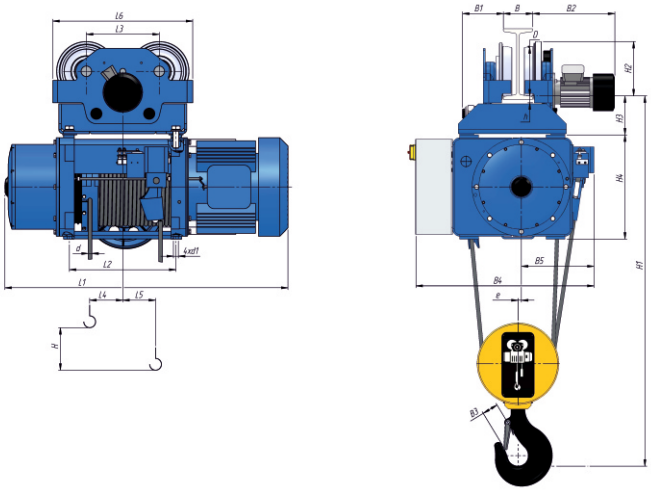
Minimum railway radius - R_{min}, mm

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

[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

Monorail trolley, standard headroom - Reeving 4/1



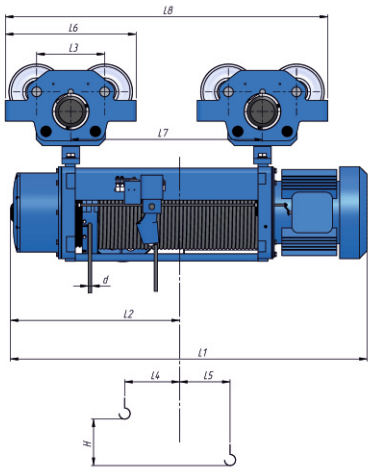
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1, V2M2	Capacity, kg	General dimensions, mm																						
				L1				L2	L3	L4	L5	L6	B	B1, max	B2, max	B3	B4	B5	H1	H2	H3	H4	D	d	e	h
				V1	V1/M1	V2	V2/M2																			
MT 305	6,5	270/290	2000	925	965	925	965	429	240	90	45	450	90 ... 130	115	360	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

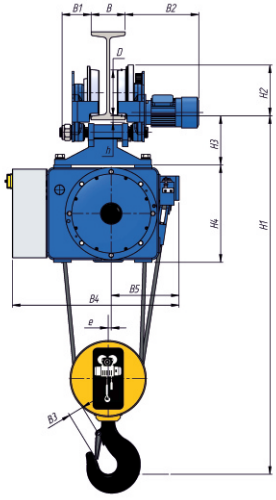
Minimum railway radius - R_{min}, mm

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

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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	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	240	307	-115	450	841	1291	130 ... 150	115	360		730	254	977	1044	155	196	263	366	125		15	42,5	34,5				
MT 505	20	745/820		1530	1615	1560	1615	715		345	-130		931	1381																				
	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	641	1091	130 ... 150	115	360	50	730	254	1087	1154	155	196	263	366	125	10	15	42,5	34,5				
	12,5	625/775		1425	1495	1425	1495	670		265	-75		841	1291																				
MT 610	16,5	920/990		1540	1630	1575	1630	715		316	-120		873	1323		120	365		850	309	1190	1235	155	233	278	432			14						
	19	940/1000		1645	1735	1680	1735	770		367	-145		978	1428																				
	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																				
MT 616	13,5	920/990		1540	1630	1575	1630	715		316	-120		873	1323		120	365		850	309	1230	1275	155	233	278	432			14						
	15,5	940/1000		1645	1735	1680	1735	770		367	-145		978	1428																				
	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																				
	12,5	940/1000		1645	1735	1680	1735	770		291	-71		978	1498																				
	15	1010/1070		1820	1910	1855	1910	860					1153	1673																				
MT 725	16,5	1360/1420		1890	1925	-	-	890		408	-150		1143	1663					1000	369	1478	1585		253	360	530			23						
	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																				
MT 740	8	1230/1290	16000	1460	1495	-	-	675	354	102	46	740	713	1453	130 ... 150	160	365	71	1000	369	1790	-	335	405	-	530	250	18 (15)	23	60	-				
	11	1300/1360		1675	1710	-	-	785		210	-8		928	1668																				
	14	1360/1420		1890	1925	-	-	890		318	-62		1143	1883																				
	17	1420/1480		2100	2135	-	-	995		422	-114		1353	2098																				
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																				
	17	1495/1555		2177	2212	-	-	1072		422	-114		1353	2098																				
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																				
	17	1495/1555		2177	2212	-	-	1072		422	-114		1353	2098																				

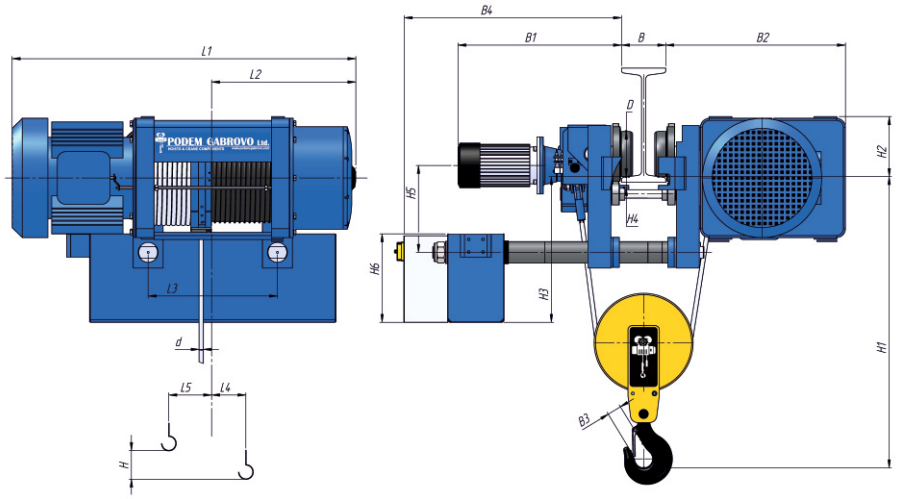
Minimum railway radius - R_{min}, mm

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

[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

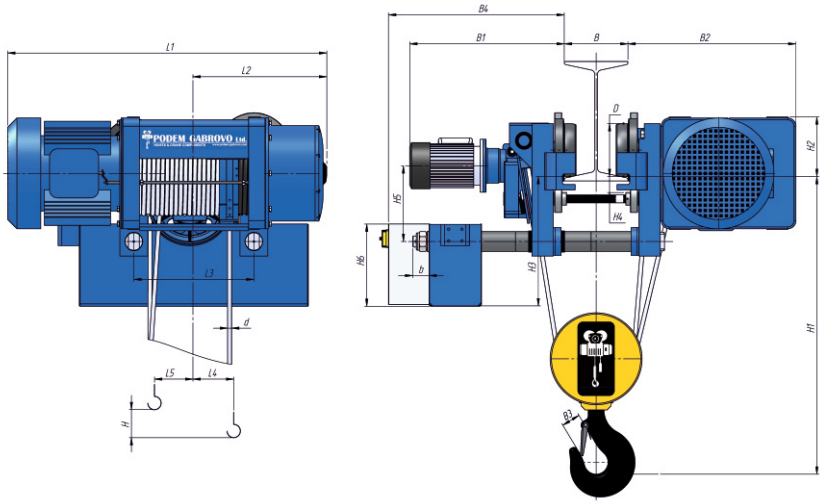
Monorail trolley, reduced headroom - Reeving 2/1



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														
	18,5	430/475		1225	1295	1225	1295	570	641	175	114														
	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														
	17	560/630		1310	1395	1340	1395	605	711	162															
	23	600/665		1530	1615	1560	1615	715	931	272	157														
	29,5	680/720		1750	1835	1780	1835	825	1151	382															
MT 625	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															
	22,5	850/950		1540	1630	1575	1630	715	873	248	142														
	25,5	950/1000		1645	1735	1680	1735	770	987	300															
	30,5	1010/1060		1820	1910	1855	1910	860	1153	388															
MT 740	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															
	22,5	1240/1300		1675	1710	-	-	785	928	248	118														
	28,5	1310/1370		1890	1925	-	-	890	1143	382															
	34,5	1380/1440		2100	2135	-	-	995	1353	487															

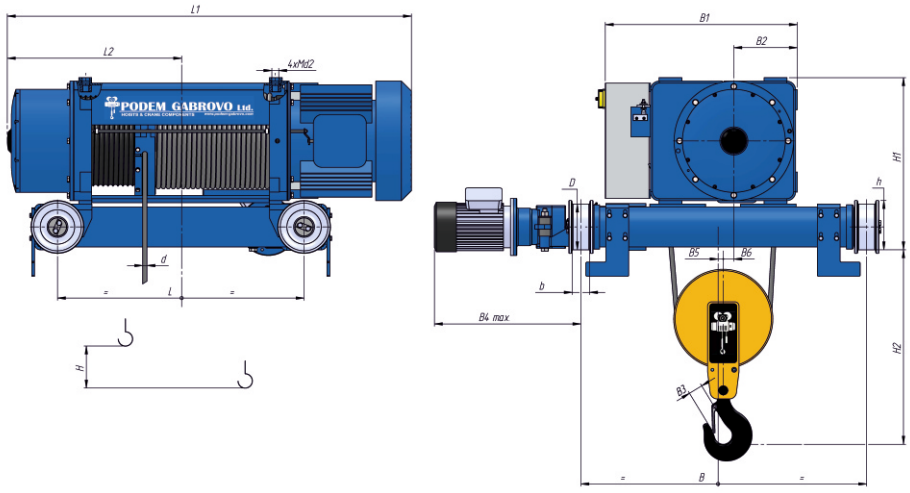
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Monorail trolley, reduced headroom - Reeving 4/1



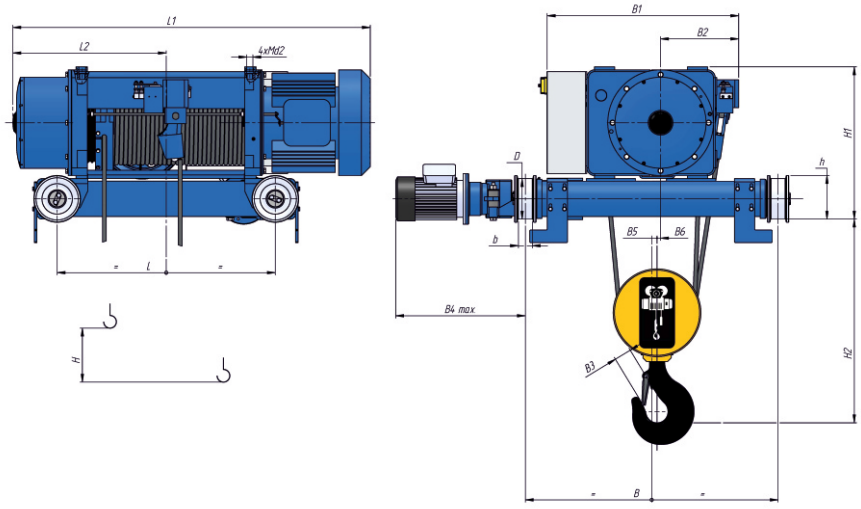
Type	Lifting height, H, m	Weight, kg V1,V2 / V1M1,V2M2	Capacity, kg	General dimensions, mm																				
				L1				L2	L3	L4	L5	B	B1	B2	B3	B4	H1	H2	H3	H4	H5	H6	D	b	d
				V1	V1/M1	V2	V2/M2																		
MT 305	6,5	260/290	2000	925	965	925	965	420	429	45,5	41	100 ... 170 171 ... 240 241 ... 300	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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