

ВЪЖЕНИ ЕЛЕКТРОТЕЛФЕРИ ELECTRIC WIRE ROPE HOIST

XMT



Distributed By:

ELMOT JSC - 73 Nikola Gabrovski Str., 5000 Veliko Tarnovo, Bulgaria
phone/fax +359 62 647 837; +359 62 641 963; +359 62 641 952
E-mail: elmot1@elmotbg.com, <http://www.elmotbg.com>



Design: Svetoslav Kosev © 2013
www.kosev.com



2014

*ЕЛМОТ АД- В.Търново е основан през 1967 година.
За кратко време става най-големият производител на асинхронни
двигатели с конусен ротор и вградена спирачка в света.*

Сега ЕЛМОТ АД произвежда:

- Въжени електротелфери*
- Едноскоростни и двускоростни електродвигатели с вградена спирачка с мощност до 45 kW*
- Моторредукторни групи в нормално и взривозащитено изпълнение*
- Ограничители на товара*
- Колички и челни греди за кранове*

*ELMOT JSC is created in 1967. In short time it became
the biggest manufacturer of asynchronous electric motors
with conical rotors and built-in brake in the world.*

Now ELMOT manufactures:

- Electric wire rope hoists*
- Single and double speed electric motors with built-in brake with power up to 45 kW*
- Geared motors-normal and explosion-proof execution*
- Rope load limiter*
- Trolleys and end carriages for cranes*





CE Declaration of conformity

ELMOT JSC

24 Academic M. Popov str. 4 floor region "Izgreve" Sofia, Bulgaria
73 Nikola Gabrovski str. Veliko Tarnovo, Bulgaria
tel. +359 62 641-962, +359 62 647-837, +359 626 41-951,
fax +359 62 644-861, e-mail: elmot1@elmotbg.com



DECLARES FULL AND SOLE RESPONSIBILITY THAT THE PRODUCT:
"ELECTRIC WIRE ROPE HOISTS EXPLOSION PROOF SERIES
VVMT, VVAT, VHVAT, VCVAT and VKVAT"

CONFORM Machinery
Low Voltage
Electromag
EC Directiv

AND THE I EN ISO 12 EN 12100: EN 60204- Part 1: Gen EN 14492: Power driv EN ISO 14
AND THE IEC 34-1 "I IEC 34-5 IP VBG 8: VBG FEM 9.511 DIN 15020 FEM 9.511 FEM 9.661 driving elen FEM 9.681 FEM 9.682 FEM 9.755 of serial pro FEM 9.811

CE Declaration of conformity

ELMOT JSC

24 Academic M. Popov str. 4 floor region "Izgreve" Sofia, Bulgaria
73 Nikola Gabrovski str. Veliko Tarnovo, Bulgaria
tel. +359 62 641-962, +359 62 647-837, +359 626 41-951,
fax +359 62 644-861, e-mail: elmot1@elmotbg.com

DECLARES FULL AND

"ELECTRIC

VAT, HVAT, C

CONFORM TO THE REQUIRE

Machinery Directive 2006/42/E

Low Voltage Equipment 2006/9

Electromagnetic Compatibility

AND THE REQUIREMENTS C

EN ISO 12100-1 Safety of m

EN ISO 12100-2 Safety of m

EN 60204-1 Safety of machi

General requirements. Part I

EN 14492-2:2006+A1:2009

Part 2: Power driven hoists;

EN ISO 14121-1:2008 Safety

AND THE REQUIREMENTS C

EN 60034-1 "Rotating electric

EN 60034-5 IP "Classes of pr

VBG 8: VBG 9a "Safety instru

DIN 15020 "Lifting appliances

FEM 9.511 "Bases for calculat

FEM 9.661 "Bases for calculat

FEM 9.681 "Bases for calculat

FEM 9.682 "Bases for calculat

FEM 9.755 "Serial lifting devi

January

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ
СЕРТИФИКАТ СООТВЕТСТВИЯ
№ РОСС RU.0001.211784
Срок действия с 18.01.2013 г. по 18.01.2016 г.

ОРГАН ПО СЕРТИФИКАЦИИ
НАИМЕНОВАНИЕ: ЦЕНТР ПО СЕРТИФИКАЦИИ
И РУДНИЧНОГО ЭЛЕКТРОИ
115258, г. Москва, Электрон
тел. факс: +7 (495) 554-2494, 554-12
www.cen.ru

ПРОДУКЦИЯ
Двухфазные ферры канатные
VVMT, VVAT, VHVAT, VCVAT,
II Gb с ИВ Т5 X или II Gb с ИВ
вращающемся электром
Серийный выпуск:
СООТВЕТСТВУЕТ ТРЕБОВА

ГОСТ Р EN 13463-1-2009; ГОСТ
ГОСТ Р 51336.0-99 (МЭК 6007
ГОСТ Р 51336.1-99 (МЭК 6007
ГОСТ Р 51336.8-99.

ИЗГОТОВИТЕЛЬ
Фирма «ЕЛМОТ» АД,
ул. Никола Габровски, 73, г. В

СЕРТИФИКАТ ВЫДААН
Фирма «ЕЛМОТ» АД,
ул. Никола Габровски, 73, г. В
Телефон: 60359 62 64 19 63; фа
НА ОСНОВАНИИ

Протокол испытаний № 608,
(рег. № РОСС RU.0001.211784
Акта инспекционной проверки
№ 806-И от 28.08.2012 г. ОС И

ДОПОЛНИТЕЛЬНАЯ ИНФОР
Сертификация по схеме Д.
Сертификат действителен с 18.01.2013 г.
Инспекционный контроль - 2014 г.

Руководитель
Эксперт

Сертификат имеет юридическую
силу.

Технический регламент
и/или стандарта
(Утвержден Постановлением Правительства
Российской Федерации № 753 от 13.09.09) -
с/к, Приложение

Протокол испытаний №: 11-20-02, 11-20-03 от 18.06.2011 г.
- ИД «ТЕСТ-СДМ», ответ адресован рег. № РОСС RU.0001.211784
Акт анализа безопасности производства №11-20-02 (ИД) от 17.06.2011 г.
ОС «СДМ», ответ адресован рег. № РОСС RU.0001.211784

Руководство по эксплуатации
Паспорт на изделие

СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ с 07.07.2011 г. по 06.07.2016 г.

Руководитель (подпись)
орган по сертификации

Эксперт (подпись)

FTZU Physical Technical Testing Institute Ostrava-Radvanice Ex

EC-Type Examination Certificate

Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres Directive 94/EC
FTZU 10 ATEX 0162X

Equipment or protective system: Explosion - Protected Wire Rope Hoists, type VVAT**Tpe***NS and VVMT** Ex
Manufacturer: ELMOT JSC
Address: 73 Nikola Gabrovski Str., 5000 Veliko Tarnovo, Bulgaria

This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

The Physical Technical Testing Institute, notified body number 1020 in accordance with Article 9 of the Council Directive 94/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N° of December 2011

Requirements has been assured by compliance with:
EN 13463-1:2003

(number, it indicates that the equipment or protective system is specified in the schedule to this certificate)
This relates only to the design, examination and testing in accordance with the directive 94/EC. It does not cover the manufacturing process and supply of the system still include following:
T5
T5

FTZU Physical Technical Testing Institute Ostrava-Radvanice Ex

QUALITY ASSURANCE NOTIFICATION

Equipment or Protective Systems or Components Intended for use in Potentially Explosive Atmospheres Directive 94/EC
FTZU 11 ATEX Q 008

Notification number

Group of

Applicant

Manufacturer

The Phys accordan applicant of the Dir

This not 2011. This not Annex IV Results of

This not satisfy th

According identifi cal stage

Responsible p

Dipl. Head

Approval Certificate No: S0F0206765

Original Approval: 08 June 1998
Current Certificate: 23 May 2013
Certificate Expiry: 28 April 2016

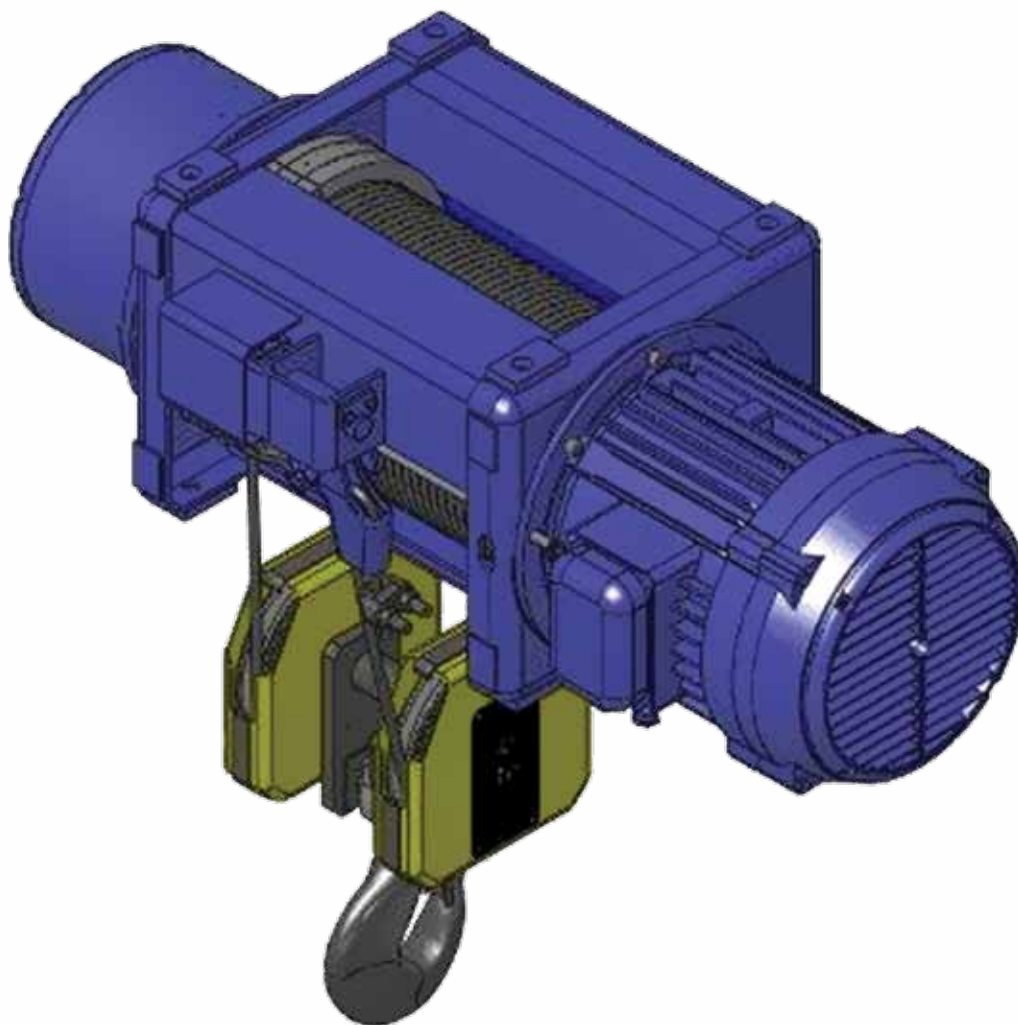
Issued by: Lloyd's Register EMEA branch for and on behalf of Lloyd's Register Quality Assurance Limited

This document is subject to the provision on the name
818 Bulgar a Blvd, 1404 Sofia, Register also number: 121120217
for and on behalf of 71 Epswich Street, London EC2A 4DU, United Kingdom. Registration number: 15170370
The agreement entered into in accordance with the UKCA agreement and certificate conditions and issued by LRQA
The use of the UKCA Accreditation Mark indicates Accreditation of the UKCA Accreditation Certificate number 001

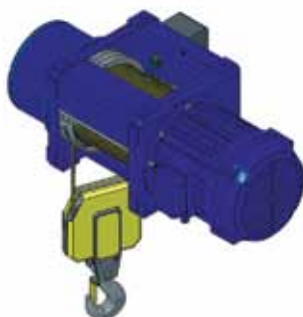
РОССИЙСКАЯ ФЕДЕРАЦИЯ
СЕРТИФИКАТ СООТВЕТСТВИЯ
ИЗГОТОВИТЕЛЬ
Фирма «ЕЛМОТ» АД,
ул. Никола Габровски, 73, г. В
Телефон: 60359 62 64 19 63; фа
НА ОСНОВАНИИ
Протокол испытаний № 608,
(рег. № РОСС RU.0001.211784
Акта инспекционной проверки
№ 806-И от 28.08.2012 г. ОС И
ДОПОЛНИТЕЛЬНАЯ ИНФОР
Сертификация по схеме Д.
Сертификат действителен с 18.01.2013 г.
Инспекционный контроль - 2014 г.
Руководитель
Эксперт
Сертификат имеет юридическую
силу.
Технический регламент
и/или стандарта
(Утвержден Постановлением Правительства
Российской Федерации № 753 от 13.09.09) -
с/к, Приложение
Протокол испытаний №: 11-20-02, 11-20-03 от 18.06.2011 г.
- ИД «ТЕСТ-СДМ», ответ адресован рег. № РОСС RU.0001.211784
Акт анализа безопасности производства №11-20-02 (ИД) от 17.06.2011 г.
ОС «СДМ», ответ адресован рег. № РОСС RU.0001.211784
Руководство по эксплуатации
Паспорт на изделие
СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ с 07.07.2011 г. по 06.07.2016 г.
Руководитель (подпись)
орган по сертификации
Эксперт (подпись)

VMT

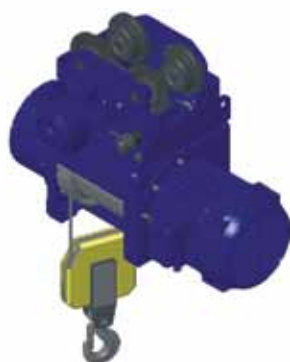
VMT
Electric wire rope hoist



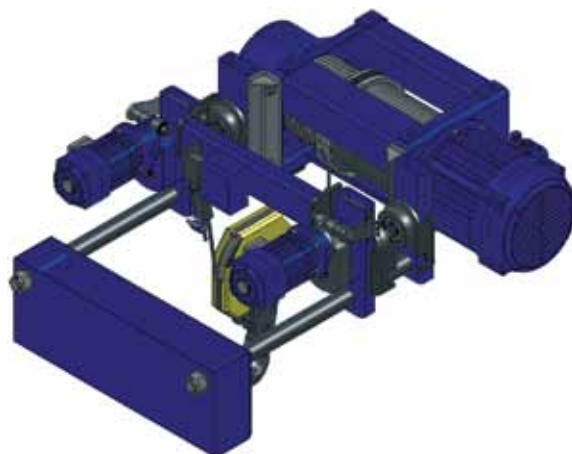
Товароподемност [kg] Capacity [kg]	Полиспаст 1/1 – 2/2 Rope falls 1/1 – 2/2						
	Тип Hoist type	Режим на работа Groups		Височина на погема [m] Lifting height [m]		Скорост на погема [m/min] Lifting speed [m/min]	
		FEM9.511 DIN15020	ISO4301	1/1	2/2	V1	V2
160	VMT200	4m	M7	12; 20; 28; 42; 56	-	16 ; 16/4	24 ; 24/4
200	VMT201	3m	M6	12; 20; 28; 42; 56	-	16 ; 16/4	24 ; 24/4
250	VMT202	2m	M5	12; 20; 28; 42; 56	-	16 ; 16/4	24 ; 24/4
320	VMT303	4m	M7	12; 20; 26; 40; 54	8; 12; 19; 26	16 ; 16/4	24 ; 24/4
400	VMT304	3m	M6	12; 20; 26; 40; 54	8; 12; 19; 26	16 ; 16/4	24 ; 24/4
500	VMT305	2m	M5	12; 20; 26; 40; 54	8; 12; 19; 26	16 ; 16/4	24 ; 24/4
630	VMT406	4m	M7	11; 18; 24; 40; 52	5; 12; 20; 26	16 ; 16/4	24 ; 24/4
800	VMT408	3m	M6	11; 18; 24; 40; 52	5; 12; 20; 26	16 ; 16/4	24 ; 24/4
1000	VMT410	2m	M5	11; 18; 24; 40; 52	5; 12; 20; 26	16 ; 16/4	24 ; 24/4
	VMT510	4m	M7	11; 18; 24; 36; 50	10; 17; 24	16 ; 16/4	24 ; 24/4
1250	VMT512	3m	M6	11; 18; 24; 36; 50	10; 17; 24	16 ; 16/4	24 ; 24/4
1600	VMT516	2m	M5	11; 18; 24; 36; 50	10; 17; 24	16 ; 16/4	24 ; 24/4
	VMT616	4m	M7	9; 16; 22; 34; 46	7 ; 15; 22	16 ; 16/4	24 ; 24/4
2000	VMT620	3m	M6	9; 16; 22; 34; 46	7 ; 15; 22	16 ; 16/4	24 ; 24/4
2500	VMT625	2m	M5	9; 16; 22; 34; 46	7 ; 15; 22	16 ; 16/4	24 ; 24/4
	VMT725	3m	M6	16; 24; 34; 46 ; 58	13 ; 20; 27	16 ; 16/4	24 ; 24/4
3200	VMT732	2m	M5	16; 24; 34; 46 ; 58	13 ; 20; 27	16 ; 16/4	24 ; 24/4
4000	VMT740	2m	M5	16; 24; 34; 46 ; 58	13 ; 20; 27	16 ; 16/4	24 ; 24/4
5000	VMT750	2m	M5	16; 24; 34; 46 ; 58	13 ; 20; 27	16 ; 16/4	24 ; 24/4
6300	VMT763	2m	M5	16; 24; 34; 46 ; 58	13 ; 20; 27	12 ; 12/3	18 ; 18/3
8000	VMT780	1Am	M4	16; 24; 34; 46 ; 58	13 ; 20; 27	8 ; 8/2	12 ; 12/2



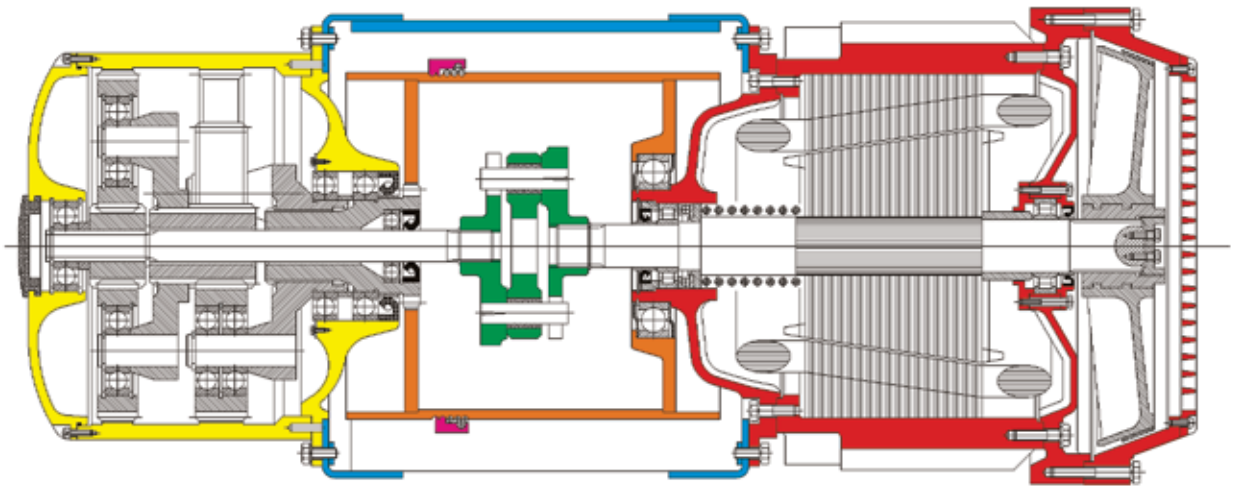
Товаропоемност [kg] Capacity [kg]	Полиспаст 2/1 – 4/2 Rope falls 2/1 – 4/2						
	Тип Hoist type	Режим на работа Groups		Височина на погема [m] Lifting height [m]		Скорост на погема [m/min] Lifting speed [m/min]	
		FEM9.511 DIN15020	ISO4301	2/1	4/2	V1	V2
320	VMT200	4m	M7	6; 10; 14; 21; 28	-	8 ; 8/2	12 ; 12/2
400	VMT201	3m	M6	6; 10; 14; 21; 28	-	8 ; 8/2	12 ; 12/2
500	VMT202	2m	M5	6; 10; 14; 21; 28	-	8 ; 8/2	12 ; 12/2
630	VMT303	4m	M7	6; 10; 13; 20; 27	6,5; 11; 15,5	8 ; 8/2	12 ; 12/2
800	VMT304	3m	M6	6; 10; 13; 20; 27	6,5; 11; 15,5	8 ; 8/2	12 ; 12/2
1000	VMT305	2m	M5	6; 10; 13; 20; 27	6,5; 11; 15,5	8 ; 8/2	12 ; 12/2
1250	VMT406	4m	M7	5.5; 9; 12; 20; 26	6; 9; 13	8 ; 8/2	12 ; 12/2
1600	VMT408	3m	M6	5.5; 9; 12; 20; 26	6; 9; 13	8 ; 8/2	12 ; 12/2
2000	VMT410	2m	M5	5.5; 9; 12; 20; 26	6; 9; 13	8 ; 8/2	12 ; 12/2
	VMT510	4m	M7	5.5; 9; 12; 18; 25	5 ; 8,5; 12	8 ; 8/2	12 ; 12/2
2500	VMT512	3m	M6	5.5; 9; 12; 18; 25	5 ; 8,5; 12	8 ; 8/2	12 ; 12/2
3200	VMT516	2m	M5	5.5; 9; 12; 18; 25	5 ; 8,5; 12	8 ; 8/2	12 ; 12/2
	VMT616	4m	M7	4.5; 8; 11; 17; 23	3,6 ; 8,5; 11	8 ; 8/2	12 ; 12/2
4000	VMT620	3m	M6	4.5; 8; 11; 17; 23	3,6 ; 8,5; 11	8 ; 8/2	12 ; 12/2
5000	VMT625	2m	M5	4.5; 8; 11; 17; 23	3,6 ; 8,5; 11	8 ; 8/2	12 ; 12/2
	VMT725	3m	M6	8; 12; 17; 23; 29	6,5; 10; 13,5; 17	8 ; 8/2	12 ; 12/2
6300	VMT732	3m	M6	8; 12; 17; 23; 29	6,5; 10; 13,5; 17	8 ; 8/2	12 ; 12/2
8000	VMT740	2m	M5	8; 12; 17; 23; 29	6,5; 10; 13,5; 17	8 ; 8/2	12 ; 12/2
10 000	VMT750	2m	M5	8; 12; 17; 23; 29	6,5; 10; 13,5; 17	8 ; 8/2	12 ; 12/2
12 500	VMT763	2m	M5	8; 12; 17; 23; 29	4,5;7,5;10,5;15,5	6 ; 6/1,5	9 ; 9/1,5
16 000	VMT780	1Am	M4	8; 12; 17; 23; 29	4,5;7,5;10,5;15,5	4 ; 4/1	6 ; 6/1



Товароподемност [kg] Capacity [kg]	Полиспаст 4/1 Rope falls 4/1					
	Tun Hoist type	Режим на работа Groups		Височина на погема [m] Lifting height [m]	Скорост на погема [m/min] Lifting speed [m/min]	
		FEM9.511 DIN15020	ISO4301		4/1	V1
1250	VMT303	4m	M7	6,5; 10; 13,5	4 ; 4/1	6 ; 6/1
1600	VMT304	3m	M6	6,5; 10; 13,5	4 ; 4/1	6 ; 6/1
2000	VMT305	2m	M5	6,5; 10; 13,5	4 ; 4/1	6 ; 6/1
2500	VMT406	4m	M7	6 ; 10; 13	4 ; 4/1	6 ; 6/1
3200	VMT408	3m	M6	6 ; 10; 13	4 ; 4/1	6 ; 6/1
4000	VMT410	2m	M5	6 ; 10; 13	4 ; 4/1	6 ; 6/1
	VMT510	4m	M7	6; 9; 12.5	4 ; 4/1	6 ; 6/1
5000	VMT512	3m	M6	6; 9; 12.5	4 ; 4/1	6 ; 6/1
6300	VMT516	2m	M5	6; 9; 12.5	4 ; 4/1	6 ; 6/1
	VMT616	4m	M7	5,5; 8,5; 11,5	4 ; 4/1	6 ; 6/1
8000	VMT620	3m	M6	5,5; 8,5; 11,5	4 ; 4/1	6 ; 6/1
10 000	VMT625	2m	M5	5,5; 8,5; 11,5	4 ; 4/1	6 ; 6/1
	VMT725	3m	M6	8,5; 11,5; 14,5; 17,5	4 ; 4/1	6 ; 6/1
12 500	VMT732	3m	M6	8,5; 11,5; 14,5; 17,5	4 ; 4/1	6 ; 6/1
16 000	VMT740	2m	M5	8,5; 11,5; 14,5; 17,5	4 ; 4/1	6 ; 6/1
20 000	VMT750	2m	M5	8,5; 11,5; 14,5; 17,5	4 ; 4/1	6 ; 6/1
25 000	VMT763	2m	M5	8,5; 11,5; 14,5; 17,5	3 ; 3/0,75	4,5 ; 4,5/1,25
32 000	VMT780	1Am	M4	8,5; 11,5; 14,5; 17,5	2 ; 2/0,5	3 ; 3/0,5



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.

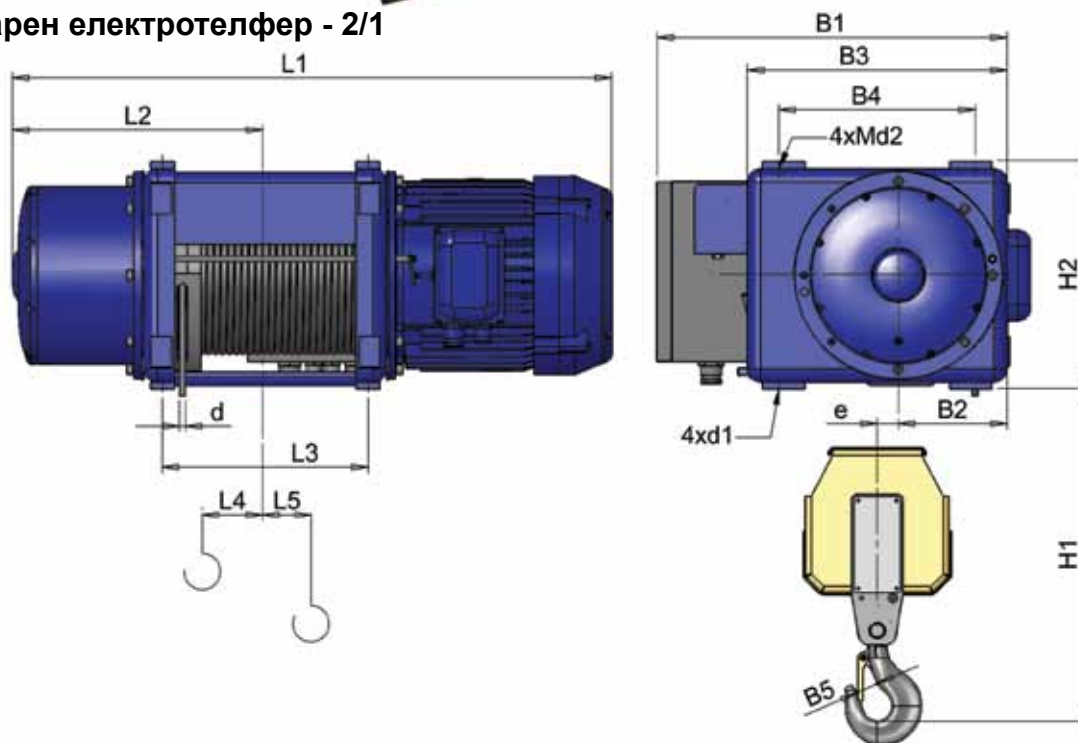
Electric equipment

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 2/1

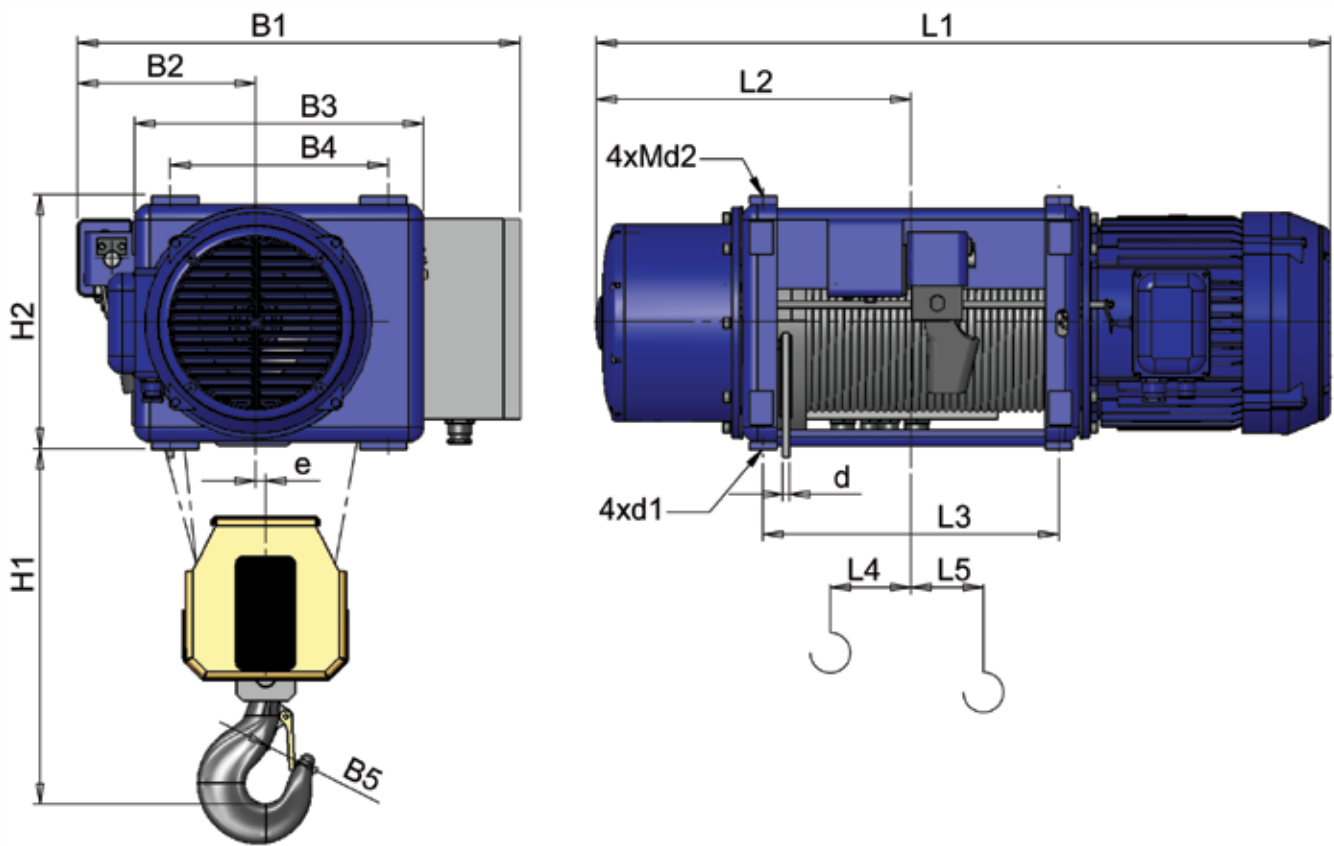


Стационарен електротелфер - 2/1



a=2/1		Capacity Товароподемност [kg]	Dimension / Размери [mm]																	G [kg]	
TYPE ТИП	Lifting speed Скорост на погема [m/min]				L2	L3	L4	L5	B1	B2	B3	B4	B5	H1	H2	e	d	d1	Md2		
	8		12	8/2																	12/2
	L1																				
VMT 202	H6	500	640	640	690	690	280	179	32	544	155	394	295	28	460	321	50	5	15	M14	107
	H10		730	730	770	770	325	269	77												112
	H14		810	810	850	850	365	349	77												117
	H21		970	970	1010	1010	445	509	157												130
	H28		1130	1130	1170	1170	525	669	237												140
VMT 305	H6	1000	705	705	745	745	300	224	45	544	155	394	295	34	460	321	50	7	15	M14	124
	H10		810	810	850	850	355	329	98												131
	H13		910	910	950	950	405	429	98												140
	H20		1110	1110	1150	1150	505	629	198												152
	H27		1310	1310	1350	1350	605	829	298												163
VMT 410	H5,5	2000	805	805	870	870	355	231	40	580	180	430	325	40	550	378	35	10	17	M20	240
	H9		915	915	980	980	410	341	95												255
	H12		1015	1015	1080	1080	460	441	95												264
	H20		1215	1215	1280	1280	560	641	195												297
	H26		1415	1415	1480	1480	660	841	295												321
VMT 516	H5,5	3200	850	880	870	870	370	261	50	580	180	430	325	45	625	378	35	12	17	M20	293
	H9		970	1000	990	990	430	381	110												307
	H12		1080	1110	1100	1100	485	491	115												321
	H18		1300	1330	1320	1320	595	711	225												360
	H25		1520	1550	1540	1540	705	931	335												388
VMT 625	H4,5	5000	890	925	980	980	380	243	40	658	216	508	390	50	820	438	38	15	21	M24	442
	H8		995	1030	1085	1085	430	348	92												461
	H11		1100	1135	1190	1190	485	453	95												480
	H17		1310	1345	1400	1400	590	663	200												537
	H23		1520	1555	1610	1610	695	873	305												585
VMT 740	H7,5	8000	1140	1175	1175	1175	515	393	82	900	270	640	475	71	1042	530	55	18	25	M27	687
	H12		1300	1335	1335	1335	595	553	162												725
	H16,5		1460	1495	1495	1495	675	713	192												787
	H22,5		1675	1710	1710	1710	785	928	300												847
	H28,5		1890	1925	1925	1925	890	1143	408												896
H34,5	2100	2135	2135	2135	995	1353	512	953													

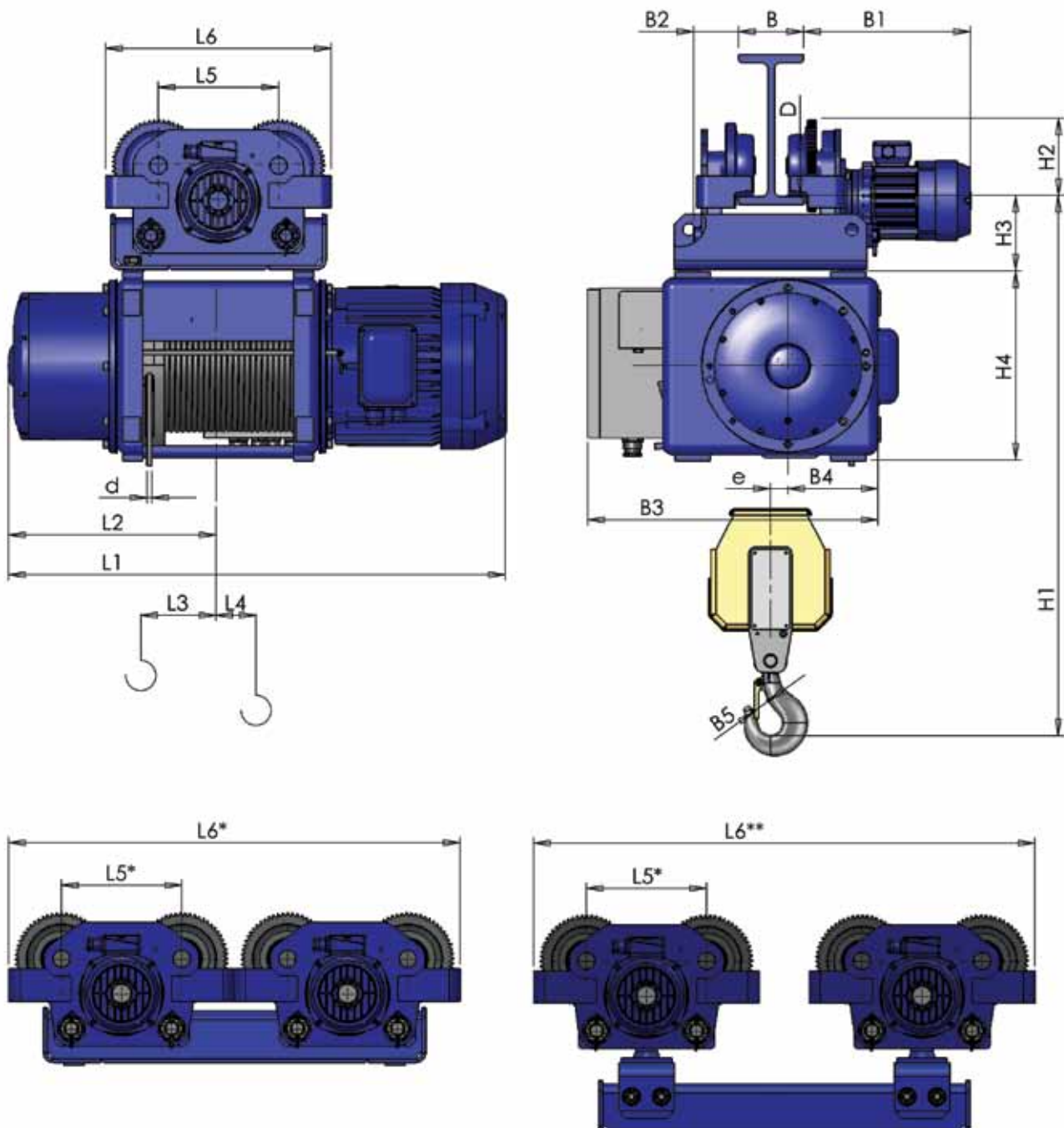
Stationary electric wire rope hoist - Reeving 4/1
 Стационарен електромелфер - 4/1



a=4/1		Capacity Товароподемност [kg]	Dimension / Размери [mm]																	G [kg]		
TYPE ТИП	Lifting speed Скорост на погема [m/min]				L2	L3	L4	L5	B1	B2	B3	B4	B5	H1	H2	e	d	d1	Md2			
	4		6	4/1																	6/1	
VMT 305	H6,5	2000	910	910	950	950	405	429	102	-8	637	248	394	295	45	450	321	22,5	7	15	M14	148
	H10		1110	1110	1150	1150	505	629	202	-58												172
	H13		1310	1310	1350	1350	605	829	302	-108												202
VMT 410	H6,3	4000	1015	1015	1080	1080	460	441	83	9	674	274	430	325	50	540	378	8	10	17	M20	343
	H10		1215	1215	1280	1280	560	641	183	-41												371
	H13		1415	1415	1480	1480	660	841	283	-91												409
VMT 516	H6	6300	1080	1110	1100	1100	485	491	92	13	674	274	430	325	56	565	378	7,5	12	17	M20	365
	H9		1300	1330	1320	1320	595	711	202	-42												400
	H12,5		1520	1550	1540	1540	705	931	312	-97												443
VMT 625	H5,5	10000	1100	1135	1190	1190	485	453	62	29	760	318	508	390	71	775	438	15	15	21	M24	600
	H8,5		1310	1345	1400	1400	590	663	130	13												665
	H11,5		1520	1555	1610	1610	695	873	236	-40												710
VMT 740	H8	16000	1460	1495	1495	1495	675	713	102	46	1000	369	640	475	71	980	530	23	18	25	M27	925
	H11		1675	1710	1710	1710	785	928	210	-8												985
	H14		1890	1925	1925	1925	890	1143	318	-62												1045
	H17		2100	2135	2135	2135	995	1353	422	-114												1105

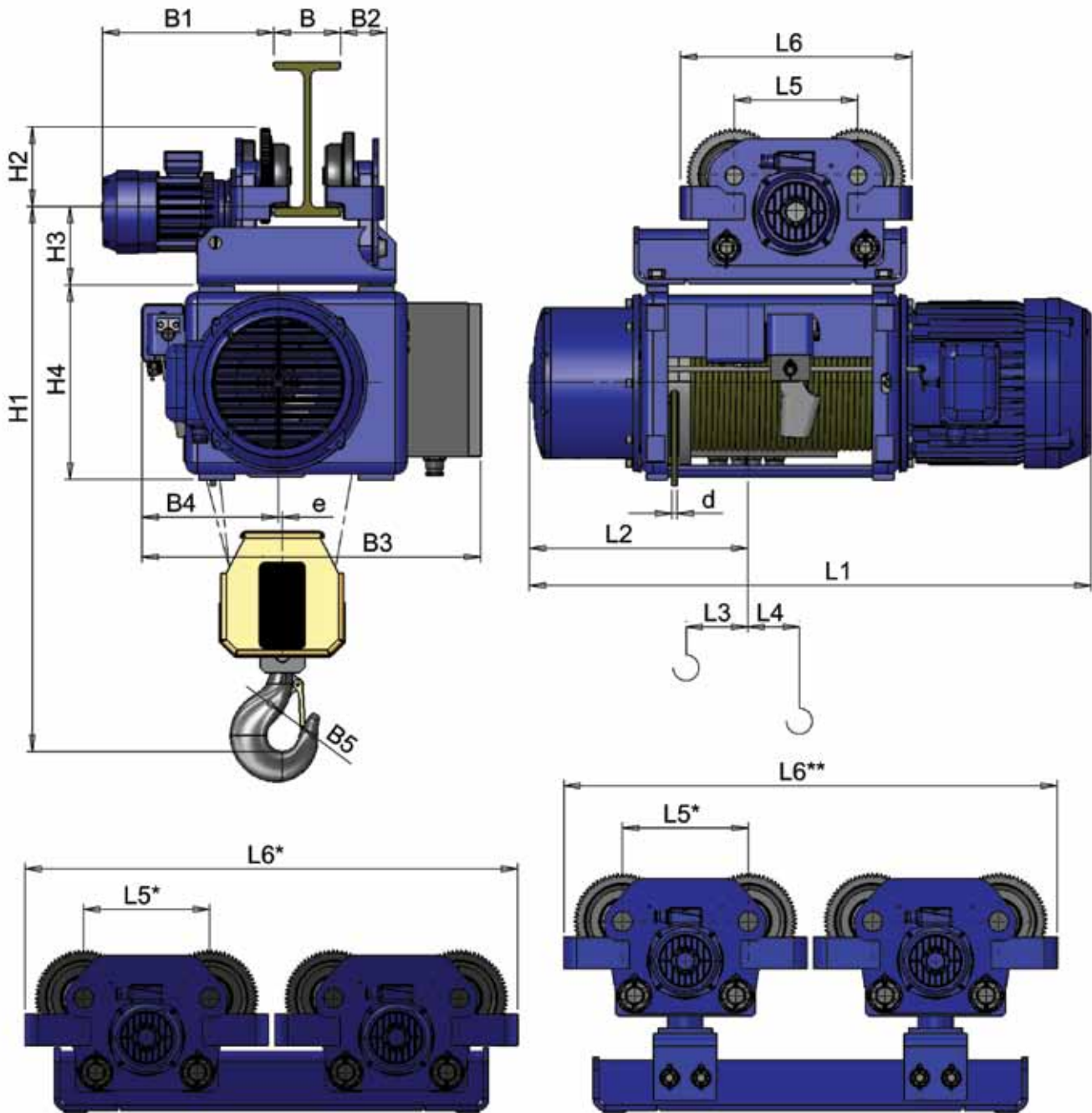


Monorail trolley, standard headroom - Reeving 2/1
Въжен електромелфер с монорелсова количка - 2/1



TYPE ТИП	Capacity Товароподъемность [kg]	Dimension / Размеру [mm]																			G [kg]			
		Lifting speed Скорост на погема [m/min]				L2	L3	L4	L5	L6	B	B1	B2	B3	B4	B5	H1	H2	H3	H4		D	e	d
		8	12	8/2	12/2																			
VMT 202	H6	640	640	690	690	280	32	35		410	90...300	280	72	544	155	28	897	127	116	321	100	50	5	140
	H 10	730	730	770	770	325	77																	145
	H 14	810	810	850	850	365	77	75	215	867* 860** 1027* 1020**							897* 997**	127	116* 216**	321	100	50	5	148
	H 21	970	970	1010	1010	445	157																	215
	H 28	1130	1130	1170	1170	525	237																	215
VMT 305	H6	705	705	745	745	300	45	42		410	90...300	280	72	544	155	34	897	127	116	321	100	50	7	152
	H 10	810	810	850	850	355	98																	157
	H 13	910	910	950	950	405	98	92	215	827* 980** 1027* 1180**							897* 997**	127	116* 216**	321	100	50	7	166
	H 20	1110	1110	1150	1150	505	198																	229
	H 27	1310	1310	1350	1350	605	298																	215
VMT 410	H5,5	805	805	870	870	355	40	40		450	130...300	340	90	580	180	40	1079	254	151	378	125	35	10	320
	H 9	915	915	980	980	410	95																	334
	H 12	1015	1015	1080	1080	460	95	90	240	901* 1000** 1049* 1200**							1079* 1218**	254	151* 290**	378	125	35	10	344
	H 20	1215	1215	1280	1280	560	195																	481
	H 26	1415	1415	1480	1480	660	295																	240
VMT 516	H5,5	850	880	870	870	370	50	45		450	130...300	340	90	580	180	45	1154	254	151	378	125	35	12	374
	H 9	970	1000	990	990	430	110																	388
	H 12	1080	1110	1100	1100	485	115	95	240	919* 1070** 1139* 1290**							1154* 1293**	254	151* 290**	378	125	35	12	402
	H 18	1300	1330	1320	1320	595	225																	549
	H 25	1520	1550	1540	1540	705	335																	240
VMT 625	H4,5	890	925	980	980	380	40	38		540	130...300	340	90	568	216	50	1413	187	155	438	38	15	564	
	H 8	995	1030	1085	1085	430	92																583	
	H 11	1100	1135	1190	1190	485	95	88	280	903* 1040** 1101* 1250**							1423* 1562**	154	165* 304**	438	125	38	15	602
	H 17	1310	1345	1400	1400	590	200																	723
	H 23	1520	1555	1610	1610	695	305																	280
VMT 740	H12	1300	1335	1335	1335	595	162	38		1093*	130...300	340	96	900	270	56	1846* 2036**	187	274* 416**	530	160	55	18	1107
	H16,5	1460	1495	1495	1495	675	192																	1169
	H22,5	1675	1710	1710	1710	785	300	88	280	1468*							1846* 2036**	187	274* 416**	530	160	55	18	1229
	H28,5	1890	1925	1925	1925	890	408																	1278
	H34,5	2100	2135	2135	2135	995	512																	280

Monorail trolley, standard headroom - Reeving 4/1
 Въжен електротелфер с монорелсова количка - 4/1



a=4/1		Capacity Товароподемност [kg]	Dimension / Размеру [mm]																	G [kg]					
TYPE ТИП	Lifting speed Скорост на погема [m/min]				L2	L3	L4	L5	L6	B	B1	B2	B3	B4	B5	H1	H2	H3	H4		D	e	d		
	4		6	4/1																				6/1	
	L1																								
VMT 305	H 6,5	2000	910	910	950	950	405	102	-8	240	450	90...300	340	90	637	248	40	925	154	151	321	125	22,5	7	284
	H 10		1110	1110	1150	1150	505	202	-58		836*		280	72		967	127	118*	218**	100		286			
	H 13		1310	1310	1350	1350	605	302	-108		989**		1036*	1189**		151*	293**	288							
VMT 410	H 6,3	4000	1015	1015	1080	1080	460	83	9	240	450	130...300	340	90	674	274	50	1072	154	153	378	125	8	10	482
	H 10		1215	1215	1280	1280	560	183	-41		901*		340	90	1160	151*	293**	621							
	H 13		1415	1415	1480	1480	660	283	-91		1049*		1200**	765											
VMT 516	H 6	6300	1080	1110	1100	1100	485	92	13	280	540	150...300	340	96	674	274	56	1104	187	155	378	160	7,5	12	621
	H 9		1300	1330	1320	1320	595	202	-42	919*	90			1184		154	153*	295**	741						
	H12,5		1520	1550	1540	1540	705	312	-97	1070**	1139**			1290**		810									
VMT 625	H 5,5	10000	1100	1135	1190	1190	485	62	29	280	675*	130...300	340	96	760	318	71	1509	187	176*	438	160	15	15	980
	H8,5		1310	1345	1400	1400	590	130	13		885*			1047											
	H11,5		1520	1555	1610	1610	695	236	-40		1095*			1100											
VMT 740	H8	16000	1460	1495	1495	1495	675	102	46	310	1303*	130/150*...300	364	101	1000	369	90	1802*	232	292*	530	210	23	18	1470
	H11		1675	1710	1710	1710	785	210	-8		1518*			1530											
	H14		1890	1925	1925	1925	890	318	-62		1733*			1590											
	H17		2100	2135	2135	2135	995	422	-114		1943*			1650											

