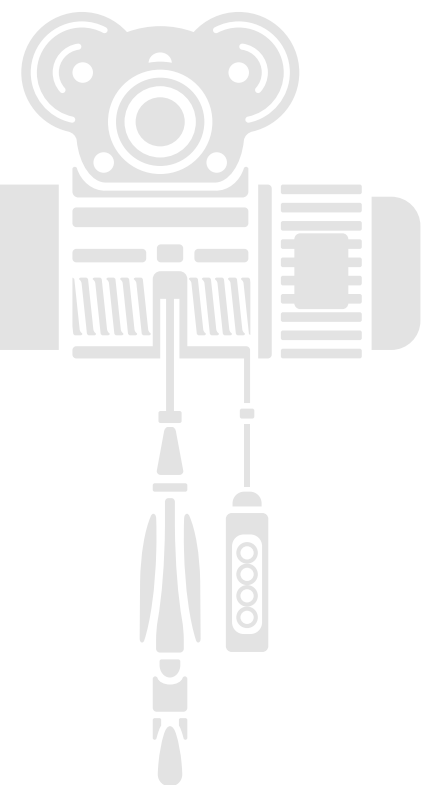




MISIA

Since 1982

Paranchi elettrici a fune Serie XM
Wire rope hoists XM Series



MISIA

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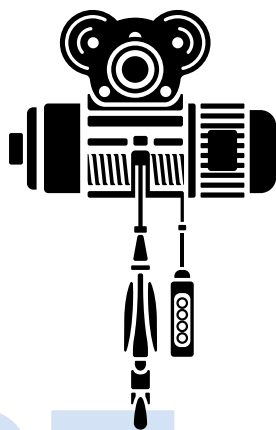
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Paranchi elettrici a fune Serie XM
Wire rope hoists XM Series





MISIA

SINCE 1982

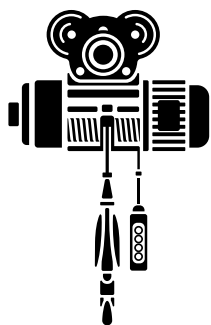
www.misia.com



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MISIA



L'azienda

The company

MISIA produce paranchi a fune in grande serie da più di 38 anni.

Oltre 100.000 paranchi a fune venduti in Italia e all'estero sono attualmente operanti in ogni settore industriale.

La gamma serie XM si compone di 11 grandezze con portate da 1.000 a 50.000 kg disponibili in differenti versioni: fisso appoggiato, fisso sospeso, con carrello monotrave normale, con carrello monotrave ad altezza ridotta, con carrello bitrave appoggiato, con carrello bitrave sospeso.

Con le serie standard è possibile la realizzazione di combinazioni adatte a soddisfare qualsiasi esigenza specifica del cliente: portata, corsa gancio, velocità di sollevamento, velocità di traslazione, tipo di servizio determinato dalle classi di utilizzo secondo la classificazione della Federation Europeenne de la Manutention (FEM sez. IX). I paranchi MISIA sono tutti conformi alla Direttiva Macchine 2006/42/CE.

MISIA has been manufacturing an extensive range of hoists for more than 38 years.

Over 100.000 wire rope units have been sold worldwide and are operational in every industry sector.

The XM series range consists of 11 sizes with capacities between 1.000 Kg and 50.000 Kg.

The hoist units are available in different configurations: low headroom monorail, standard headroom monorail, foot mounted (fixed or suspended), double rail "crab" units (supported or suspended).

With these configurations, this standard range allows the XM series to meet any requirements or application: capacity, hook travel, travel and hoisting speed, load spectrum based on the FEM classification (FEM section IX).

All MISIA hoists comply with the Machine Directive 2006/42/CE.

Qualità e certificazione

Quality and certifications

La documentazione commerciale, così come i manuali tecnici di istruzione per il montaggio, l'uso e la manutenzione del paranco elettrico a fune che sempre accompagnano la vendita di ogni paranco, è redatta in considerazione delle norme armonizzate UNI-EN 292 - 1a e 2a parte. I paranchi elettrici a fune della serie XM sono prodotti in conformità alla Direttiva Comunitaria 89/392CE denominata Direttiva Macchine, con legge di recepimento della legislazione ITALIANA DPR 459 del 24 luglio 1996 e direttiva 98/37/CE e 2006/42/CE.

I componenti che fanno parte del paranco rispondono ai requisiti richiesti dalla Direttiva Macchine e la marcatura CE testimonia la conformità dell'intera macchina.

MISIA ha conseguito per la produzione e la distribuzione dei paranchi elettrici a fune la certificazione del sistema di qualità aziendale conformemente alla norma ISO 9001, con rilascio da parte della società di verifica BV Italia certificata ACCREDIA.

The commercial documentation, together with the technical instruction manuals for the installation, use and maintenance of electric rope hoists, which accompany the sale of every machine, have been drawn up in accordance with unified standards UNI EN 292 – parts 1 and 2.

The XM series electric rope hoists are produced in accordance with the Machine Directive 89/392/EEC, with the Italian law DPR 459 dated July 24th, 1996 and the Directive 98/37/EEC and 2006/45/EEC.

The components of the hoist comply with the requirements of the Directive and CE Mark confirms the conformity of the whole equipment.

MISIA produces and sells the electric rope hoists under a registered quality control system approved to ISO 9001, with issue from the Certification Company BV Italia certificates: ACCREDIA.



Marcatura CE

CE mark

La leadership e l'affidabilità di MISIA quale costruttore di paranchi elettrici a fune sono confermate e garantite dalla assunzione delle responsabilità derivanti dalla marcatura CE.

I paranchi elettrici MISIA sono prodotti in conformità alla Direttiva Macchine 2006/42/CE.

La marcatura CE apposta sul paranco finito e la relativa dichiarazione di conformità garantiscono la conformità del prodotto alle vigenti normative comunitarie di pertinenza. Ogni macchina, infatti, prima di essere immessa sul mercato e quindi prima di essere marcata CE, è scrupolosamente controllata e collaudata in tutte le sue parti e componenti. Il manuale di istruzioni, uso e manutenzione che accompagna ogni paranco venduto, è redatto in conformità alla Direttiva Macchine 2006/42/CE, alla UNI EN ISO 12100 "Requisiti essenziali di salute e sicurezza" e alla CEI EN 82079 "Preparazione di istruzioni per l'uso.

MISIA ha conseguito per la "Produzione di paranchi elettrici con proprio marchio con relativi accessori per la traslazione" la certificazione del sistema di qualità aziendale conformemente alla norma UNI EN ISO 9001.

Certificato rilasciato dall'ente Bureau Veritas - Certificazione riconosciuto da ACCREDIA.

Tutte le macchine sono dotate, oltre alla dichiarazione di conformità CE, di garanzia la cui validità è di 2 ANNI DALLA CONSEGNA.

The leadership and reliability of MISIA as an electric rope hoist manufacturer are confirmed and guaranteed by our taking on the responsibilities resulting from the CE mark.

MISIA wire rope hoists are manufactured under "Machine Directives 2006/42/CE.

CE mark on MISIA products guarantee the conformity of the product with the pertinent UE regulations in force.

Before being made available for sale and CE marked, each hoist has all its parts and/or components carefully inspected and tested.

The manual of use and maintenance is written under the " Machine Directives 2006/42/CE and UNI EN ISO 12100 "Essential health and safety requirements" and to CEI EN 82079 "Preparations of instruction of use".

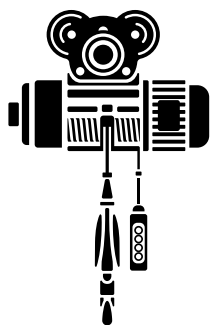
MISIA got for the "Production of wire rope electric hoists with cross travel accessories" the certification for the UNI EN ISO 9001 which is a certificate released by "Bureau Veritas", Certification recognized by "ACCREDIA".

In addition to the CE declaration of conformity, all the machines are guaranteed for 2 YEARS FROM THE DATE OF SHIPMENT.





08/07/2021



MISIA



Gamma dei paranchi elettrici a fune serie XM

Range of wire rope hoists XM series

La costruzione di paranchi elettrici a fune in versione standard costituisce oltre il 90% dell'intera produzione. Questo dato conferma la validità e la flessibilità del prodotto MISIA, in grado di adattarsi a moltissimi impieghi tipici nelle operazioni di sollevamento industriale senza costringere l'utente a richieste particolari. La nuova produzione standard XM comprende 11 grandezze costruttive per portate da 1.000 kg a 50.000 kg a 2 o 4 tiri di fune, con varie velocità di sollevamento da 1,5 m/min. a 12 m/min. e predisposti per esecuzione "appoggiata" o "sospesa" (per posizionamento fisso o su carrello).

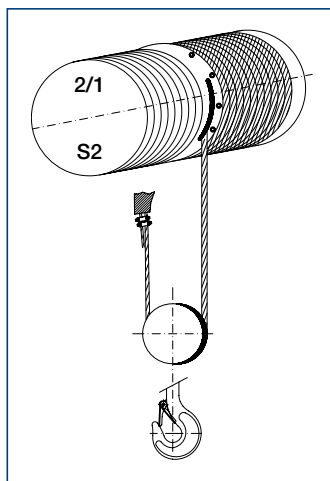
È inoltre disponibile un'ampia gamma di carrelli di traslazione in versione bitrave e monotrave a ingombro normale e ingombro ridotto, e una gamma di paranchi speciali con corse gancio da 32 a 56 m con portate da 1.600 a 5.000 kg a due tiri di fune "S2", da 1.600 a 25.000 kg con doppia uscita dal tamburo "D2", e altre esecuzioni speciali su richiesta della clientela.

The manufacturing of the standard version of XM series wire rope hoists covers over 90% of the company's production.

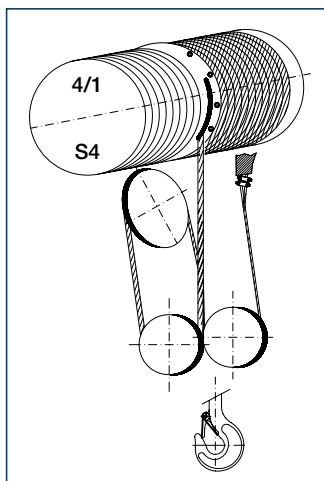
This confirms the flexibility of the MISIA product in adapting to many industrial lifting applications without subjecting the user to a bespoke product.

The production of the new XM series includes 11 construction sizes for capacities between 1.000 Kg and 50.000 Kg, 2 or 4 rope falls, lifting speeds ranging from 1,5 m/min to 12 m/min, feet mountings allowing "supported" or "suspended" fixing (for foot mounted or double rail "crab" units).

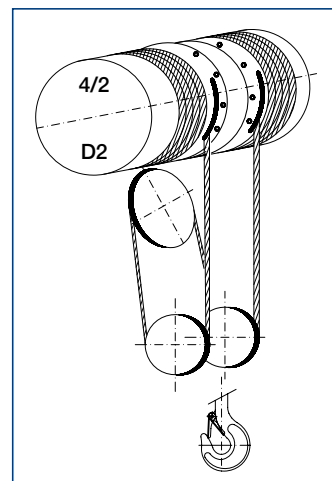
A wide range of travelling trolleys are also available in either double or monorail version, with the option of low or standard headroom, and a range of hoists with hook travel from 32 to 56 m, capacity from 1.600 to 5.000 Kg, 2 rope falls, and hoists with double output rope from the drum (4/2 reeving), capacity from 1.600 to 25.000 Kg. Special features are available upon request.



S2 - 2 TIRI DI FUNE (2/1)
S2 - 2 ROPE FALLS (2/1)



S4 - 4 TIRI DI FUNE (4/1)
S4 - 4 ROPE FALLS (4/1)



D2 - 4 TIRI DI FUNE (4/2)
TIRO CENTRATO
D2 - 4 ROPE FALLS (4/2)
TRUE VERTICAL LIFT

Configurazioni standard

Standard configurations

I paranchi elettrici a fune MISIA della serie XM sono disponibili nelle seguenti quattro configurazioni standard:

Versione S2 a due tiri di fune

Per portate da 1000 kg a 16000 kg
in esecuzione "appoggiata" o "sospesa".

Versione S4 a quattro tiri di fune

Per portate da 2000 kg a 32000 kg
in esecuzione "appoggiata" o "sospesa".

Versione D2 con tiro centrato

Per portate da 1600 kg a 25000 kg.

Solo in esecuzione "appoggiata"

Per portate da 20000 kg a 25000 kg a 2 tiri di fune.
Per portate da 40000 kg a 50000 kg a 4 tiri di fune.

The XM series of Misa wire rope hoist are available in the followings configurations:

S2 version (2 rope falls)

Lifting capacity from 1000 kg to 16000 kg
either supported or suspended.

S4 version (4 rope falls)

Lifting capacity from 2000 kg to 32000 kg
either supported or suspended.

D2 version (true vertical lift)

Lifting capacity from 1600 kg to 25000 kg.

Only in "supported" execution

For capacities from 20000 kg up to 25000 kg 2 rope falls.
For capacities from 40000 kg up to 50000 kg 4 rope falls.

PARANCO A PIEDINI
FOOT MOUNTED HOIST

TIPO 5



Paranco standard senza carrello.
Foot mounted hoist without trolley.

PARANCO CON CARRELLO BITRAVE
HOIST WITH BIRAIL TROLLEY

TIPO 53



Paranco con carrello bitrave. Per portate da 1000 kg a 32000 kg in esecuzione paranco “appoggiato” o “sospeso” versione S2-S4.

Solo in esecuzione “appoggiata”

Per paranco in versione S2 per portate da 20000 kg a 25000 kg, versione S2 da 40000 kg a 50000 kg in versione S4.

Double rail “crab” unit. For capacities from 1000 kg up to 32000 kg either supported or suspended, version S2-S4.

Only in supported execution

For capacities from 20000 kg up to 25000 kg 2 rope falls, for capacities from 40000 kg up to 50000 kg 4 rope falls.

PARANCO CON CARRELLO MONOTRAVE
HOIST WITH MONORAIL TROLLEY

TIPO 3



Paranco con carrello monotrave a ingombro normale.
Per portate da 1000 kg a 32000 kg. Versione S2-S4.

Monorail hoist fitted with standard headroom trolley.
For capacities from 1000 kg up to 32000 kg. Version S2-S4.

**PARANCO CON CARRELLO MONOTRAVE
AD INGOMBRO RIDOTTO**
HOIST WITH MONORAIL TROLLEY
LOW HEADROOM TYPE

TIPO 83



Paranco con carrello monotrave a ingombro ridotto.
Per portate da 1000 kg a 10000 kg. Versione S2-S4.

Low headroom monorail hoist trolley.

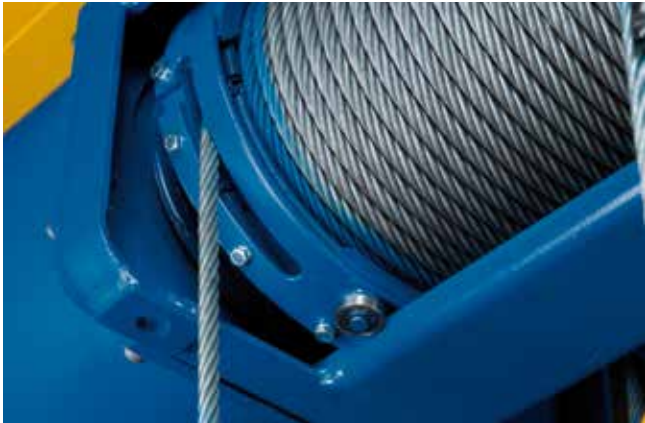
For capacities from 1000 kg up to 10000 kg. Version S2-S4.

Componenti

Components

Guidastringifune

Rope guide



Il dispositivo guidafuni è costituito essenzialmente da due elementi: un anello di guida ed una molla di compressione, che permettono di guidare correttamente la fune sulle gole del tamburo. L'anello di guida mantiene in posizione la fune durante lo svolgimento, impedendole di deviare al pendolamento del carico, è guidato sulla traversa inferiore e scorre con cuscinetti a sfere di tipo schermato e autolubrificanti.

The rope guide consists of two parts: the guide ring and pressure spring. The pressure spring ensures that the rope lays correctly into the drum groove whilst the guide ring always maintains the rope in the correct position preventing the rope from coming off the drum groove. The guide is a robust design fitted with high quality bearings. Movement of the guide across the drum activates the up/down limit switch.

Limitatore di carico (In accordo alla norma ISO EN 13849-1)

Load limiter (According to rules ISO EN 13849-1)



Tutti i paranchi della Serie "XM" a 2 e 4 tiri di fune hanno un dispositivo di limitazione del carico.

I limitatori di carico intervengono sul circuito ausiliario segnalando il massimo carico nominale e, in caso di sovraccarico, interrompono l'operazione di salita e i movimenti di traslazione.

All "XM" series hoists with 2 and 4 rope falls are endowed with overload limiters (OLL) with two reaction thresholds.

The OLL acts on the auxiliary circuit by:

- activating a WARNING (1st stop);
- stopping both lifting and travel actions (2nd stop).

When the OLL reaches the 2nd stop the only possible action is load lowering.

Riduttore

Hoist gearbox



Il riduttore planetario a due o tre stadi provvede a ridurre la velocità di rotazione del motore elettrico al numero di giri necessario per il tamburo. Tutti gli ingranaggi del riduttore sono di acciaio di alta qualità trattati termicamente.

The 2 or 3 stage planetary gearbox reduces the speed of the electric motor to the required rpm of the drum. Each individual planetary gear is manufactured using heat-treated high quality steel.

Carrello bitrave

Bi-rail trolley

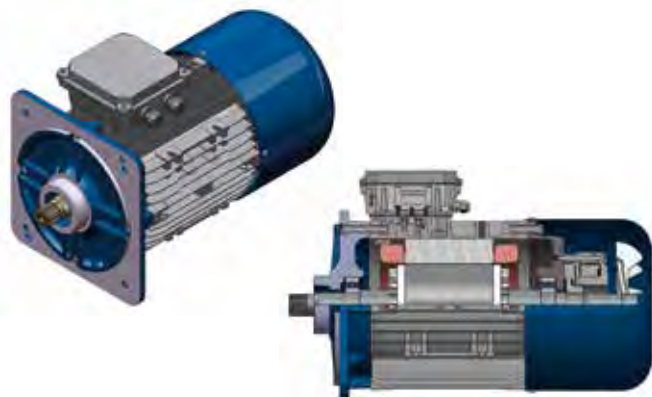


Il carrello bitrave Misia è equipaggiato con 4 ruote a doppio bordino girevoli su cuscinetti. Le due ruote che hanno funzione motrice sono collegate direttamente ad un motoriduttore autofrenante di tipo pendolare. Questo tipo di collegamento permette di evitare qualsiasi coppia di riduzione esterna consentendo quindi la miglior trasmissione del moto con ridotta manutenzione.

The Misia bi-rail trolley is equipped with n°4 wheels with dual edge, sliding on bearings. The two drive wheels are connected directly to the self braking gearmotor. This type of connection allows to avoid any type of external reduction coupling allowing the best transmission of the motion and less maintenance.

Motore cilindrico autofrenante

Self braking cylindrical motor



Motore elettrico asincrono trifase a 1 o 2 velocità a rotore cilindrico, con freno a dischi in C.C. Il motore a singola polarità, può essere azionato con inverter, per ottenere la velocità lenta richiesta oltre alle rampe di accelerazione e decelerazione.

The three-phase asynchronous electric motor with cylindrical rotor and disc brake is available in both single or dual speed option. The single polarity motor allows inverter control to be fitted offering further speed control to suit the application requirements

Motore conico autofrenante

Self braking conical motor



Motore elettrico asincrono trifase a 1 o 2 velocità a rotore conico e freno conico incorporato azionato da una molla elicoidale. Lo sblocco del freno viene provocato dallo spostamento assiale del rotore all'inserimento della tensione.

Asynchronous electric motor 1 o 2 speeds conical rotor and conical brake included actuated by a helical spring. Brake release is caused by the axial displacement of the rotor by turning on the power.

Carrelli ad ingombro ridotto

Low headroom trolleys



I carrelli ad ingombro ridotto sono dotati di 2 gruppi di traslazione costituiti da motoriduttori di tipo planetario con motori a doppia velocità autofrenanti e collegamento diretto alle ruote e quindi **senza dentature esterne.**

The low headroom trolley consists of two electric trolley motors fitted onto planetary gearboxes.

The trolley is of a live axle design with the gearboxes fitting directly onto the drive shaft of the wheels **removing the need of external gears.**

Carrelli monotrave ad ingombro normale

Standard headroom trolleys



Sono realizzati con un perno di sospensione centrale che consente l'appoggio continuo di tutte le ruote indipendentemente dalla planarità della trave di scorrimento.

The standard headroom monorail design enables the hoist to operate directly under and parallel with the crane or runway beam. The hoist is suspended via drive trolley.

Prestazioni

Performance

Scelta del gruppo FEM in funzione del servizio e tempo totale di utilizzo. L'intensità di servizio del paranco viene determinata in base a due parametri:

- a) classe di funzionamento;
- b) tipo di servizio.

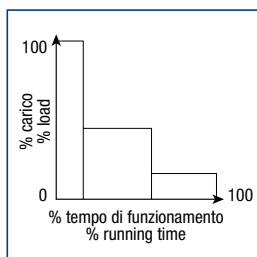
Selection of the FEM group is determined by two parameters:

- a) running time;
- b) duty.



L1 LEGGERO

L1 LIGHT DUTY

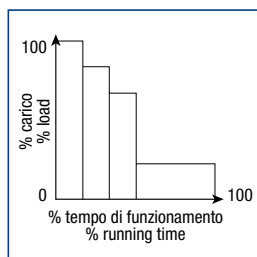


Per paranchi che sollevano raramente il carico massimo e prevalentemente carichi ridotti.

Hoist seldom lifting the maximum load and mostly light loads.

L2 MEDIO

L2 MEDIUM DUTY

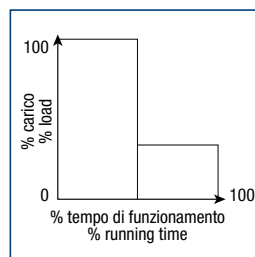


Per paranchi che sollevano all'incirca nello stesso rapporto carico massimo, carichi medi e ridotti.

Hoist lifting maximum medium and light loads at an even ratio.

L3 PESANTE

L3 HEAVY DUTY

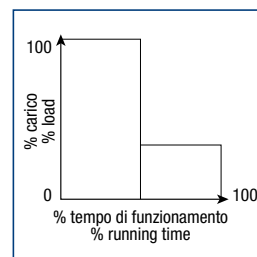


Per paranchi che frequentemente sollevano il carico massimo e normalmente carichi medi.

Hoists frequently lifting the maximum load and normally medium loads.

L4 MOLTO PESANTE

L4 VERY HEAVY DUTY



Per paranchi che sollevano regolarmente carichi prossimi al valore massimo.

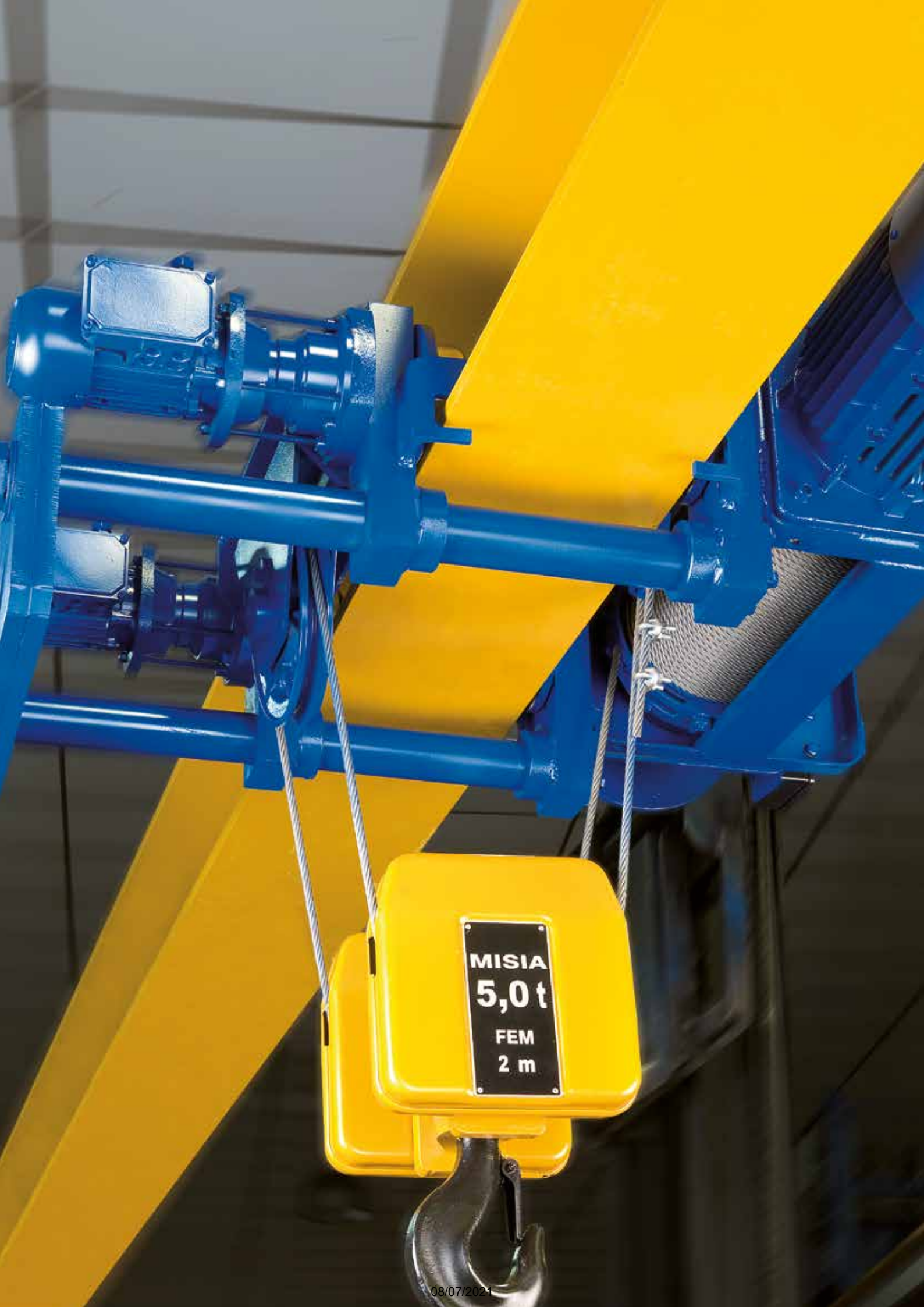
Hoists regularly lifting loads near the maximum capacity.

Tipo di servizio Duty class	Tempo di utilizzo "T" Running time "T"	
L1 - Leggero L1 - Light duty	6300	12500
L2 - Medio L2 - Medium duty	3200	6300
L3 - Pesante L3 - Heavy duty	1600	3200
L4 - Molto pesante L4 - Very heavy duty	800	1600
FEM	1A m	2 m

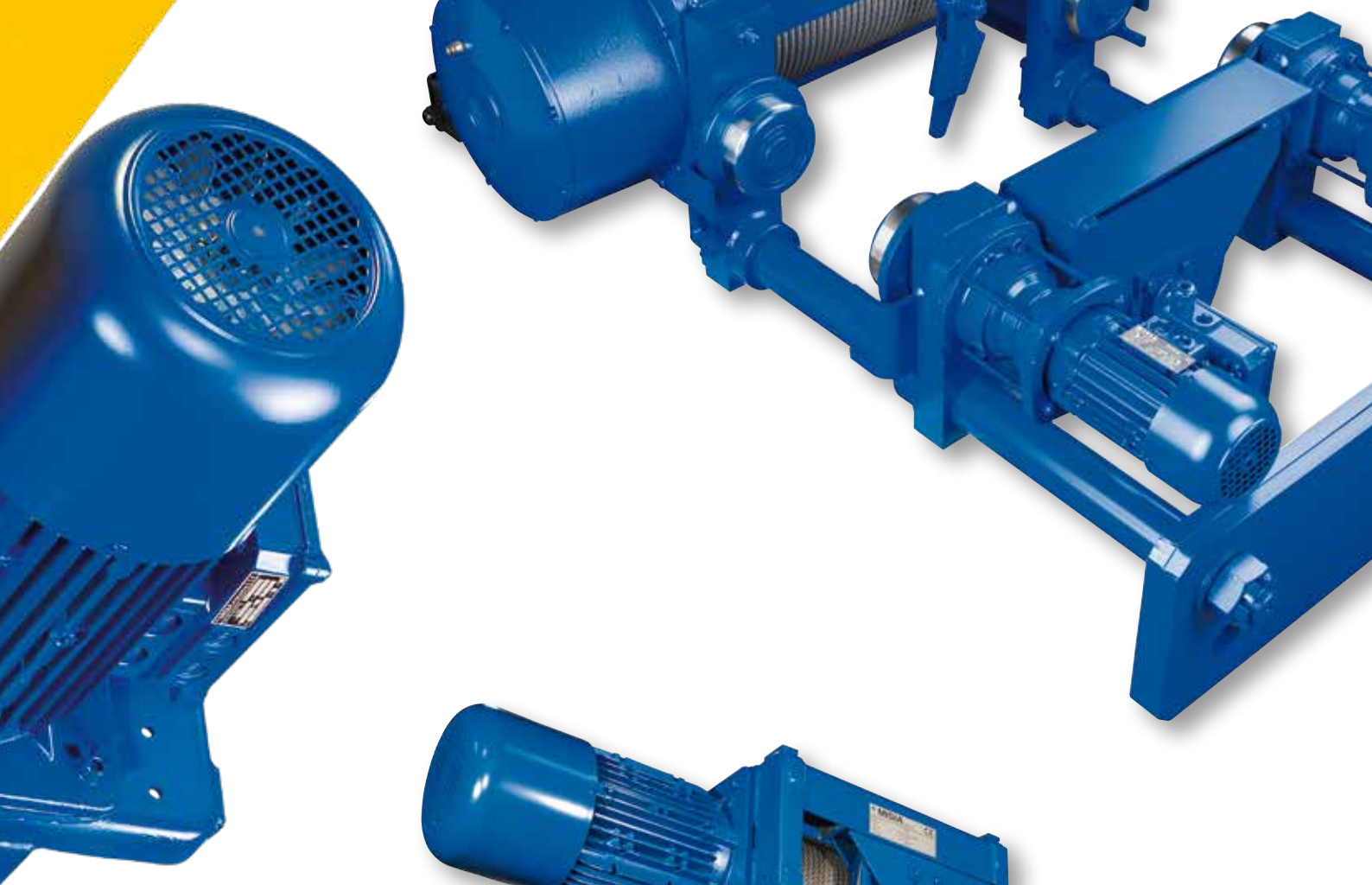
COMPARAZIONE GRUPPI FEM-ISO

COMPARISON FEM-ISO GROUPS

FEM sez. IX	ISO
1BM	M3
1Am	M4
2m	M5
3m	M6
4m	M7
5m	M8



MISIA
5,0t
FEM
2 m



MISIA



Paranchi a fune serie XM
XM series rope hoists



Paranchi a fune **SERIE XM** XM SERIES rope hoists

MOTORI CILINDRICI CYLINDRICAL MOTOR

CARATTERISTICHE TECNICHE - TECHNICAL DATA

Portata Capacity	Gruppo Group	Paranco Hoist	Tiri fune Rope falls	Corsa gancio Hook travel				Velocità sollevamento / Potenze motori Lifting speed / Motor power							
				H m	H m	H m	H m	N		V		NA		VA	
								m/min	kW*	m/min	kW*	m/min	kW	m/min	kW
1000	3m	308	2/1	10	14	20	26	8	2,5	12	2,5	8/2,6	2,5/0,83	12/4	2,5/0,83
1250	3m	308	2/1	10	14	20	26	8	2,5	12	4	8/2,6	2,5/0,83	12/4	4/1,3
1600	2m	308	2/1	10	14	20	26	8	2,5	12	4	8/2,6	2,5/0,83	12/4	4/1,3
2000	3m	308	4/1	/	7	10	13	4	2,5	6	2,5	4/1,3	2,5/0,83	6/2	2,5/0,83
	3m	312	2/1	10	14	20	26	8	4	12	5	8/2,6	4/1,3	12/4	5/1,6
2500	3m	308	4/1	/	7	10	13	4	2,5	6	4	4/1,3	2,5/0,83	6/2	4/1,3
	2m	312	2/1	10	14	20	26	8	4	12	5,8	8/2,6	4/1,3	12/4	5,8/1,9
3200	2m	308	4/1	/	7	10	13	4	2,5	6	4	4/1,3	2,5/0,83	6/2	4/1,3
	2m	316	2/1	10	14	20	26	8	5	12	7	8/2,6	5/1,6	12/4	7/2,3
4000	3m	312	4/1	/	7	10	13	4	4	6	5	4/1,3	4/1,3	6/2	5/1,6
	3m	525	2/1	10	14	20	26	8	8	12	12	8/2,6	8/2,6	12/4	12/4
5000	2m	312	4/1	/	7	10	13	4	4	6	5,8	4/1,3	4/1,3	6/2	5,8/1,9
	3m	316	4/1	/	7	10	13	4	4	6	5,8	4/1,3	4/1,3	6/2	5,8/1,9
	2m	525	2/1	10	14	20	26	8	8	12	12	8/2,6	8/2,6	12/4	12/4
6300	2m	316	4/1	/	7	10	13	4	5	6	7	4/1,3	5/1,6	6/2	7/2,3
	2m	740	2/1	13	18	25	32	8	12	/	/	8/2,6	12/4	/	/
8000	3m	525	4/1	/	7	10	13	4	8	6	12	4/1,3	8/2,6	6/2	12/4
	2m	740	2/1	13	18	25	32	8	12	/	/	8/2,6	12/4	/	/
	3m	750	2/1	13	18	25	32	/	/	8	12	/	/	8/2,6	12/4
10000	2m	525	4/1	/	7	10	13	4	8	6	12	4/1,3	8/2,6	6/2	12/4
	2m	750	2/1	13	18	25	32	/	/	8	15	/	/	8/2,6	15/5
	3m	963	2/1	20	32	48	/	/	/	8	20	8/2,6	20/6,5	9/3	20/6,5
12500	3m	740	4/1	6,5	9	12,5	16	4	12	/	/	4/1,3	12/4	/	/
	2m	963	2/1	20	32	48	/	/	/	8	20	8/2,6	20/6,5	/	/
16000	2m	740	4/1	6,5	9	12,5	16	4	12	/	/	4/1,3	12/4	/	/
	3m	750	4/1	6,5	9	12,5	16	/	/	4	12	/	/	4/1,3	12/4
	1Am	980	2/1	20	32	48	/	5	16	7,5	24	/	/	/	/
20000	2m	750	4/1	6,5	9	12,5	16	/	/	4	15	/	/	4/1,3	15/5
	3m	963	4/1	10	16	24	/	5	20	6	24	5/1,6	20/6,5	/	/
	2m	1100	2/1	22	28	36	52	4	20	5	20	4/1,3	20/6,5	5/1,6	20/6,5
25000	2m	963	4/1	10	16	24	/	/	/	4	20	4/1,3	20/6,5	/	/
	1Am	1125	2/1	22	28	36	52	4	20	5	24	4/1,3	20/6,5	/	/
32000	1Am	980	4/1	10	16	24	/	2,5	16	4	24	/	/	/	/
40000	2m	1100	4/1	11	14	18	26	2	20	2,5	20	2/0,6	20/6,5	2,5/0,8	20/6,5
50000	1Am	1125	4/1	11	14	18	26	2	20	2,5	24	2/0,6	20/6,5	/	/

* Motori utilizzabili con inverter / Motors suitable also with inverter



Paranchi a fune **SERIE XM** XM SERIES rope hoists

MOTORI CONICI CONICAL MOTOR

CARATTERISTICHE TECNICHE - TECHNICAL DATA

Portata Capacity	Gruppo Group	Paranco Hoist	Tiri fune Rope falls	Corsa gancio Hook travel				Velocità sollevamento / Potenze motori Lifting speed / Motor power							
				H m	H m	H m	H m	N		V		NA		VA	
								m/min	kW	m/min	kW	m/min	kW	m/min	kW
1000	3m	308	2/1	10	14	20	26	8	2,5	12	2,5	8/2,6	3/1	12/4	3/1
1250	3m	308	2/1	10	14	20	26	8	2,5	12	4,5	8/2,6	3/1	12/4	3/1
1600	2m	308	2/1	10	14	20	26	8	2,5	12	4,5	8/2,6	3/1	12/4	4,5/1,5
2000	3m	308	4/1	/	7	10	13	4	2,5	6	2,5	4/1,3	3/1	6/2	3/1
	3m	312	2/1	10	14	20	26	8	4,5	12	4,5	8/2,6	3/1	12/4	4,5/1,5
2500	3m	308	4/1	/	7	10	13	4	2,5	6	4,5	4/1,3	3/1	6/2	4,5/1,5
	2m	312	2/1	10	14	20	26	8	4,5	12	5,5	8/2,6	4,5/1,5	12/2	6/1
3200	2m	308	4/1	/	7	10	13	4	2,5	6	4,5	4/1,3	3/1	6/2	4,5/1,5
	2m	316	2/1	10	14	20	26	8	4,5	/	/	8/2,6	4,5/1,5	/	/
4000	3m	312	4/1	/	7	10	13	4	4,5	6	4,5	4/1,3	3/1	6/2	4,5/1,5
	3m	525	2/1	10	14	20	26	8	7,5	12	12	8/1,3	8/1,3	12/2	12,5/1,7
5000	2m	312	4/1	/	7	10	13	4	4,5	6	5,5	4/1,3	4,5/1,5	6/1	6/1
	3m	316	4/1	/	7	10	13	4	4,5	6	5,5	4/1,3	4,5/1,5	6/1	6/1
	2m	525	2/1	10	14	20	26	8	7,5	12	12	8/1,3	8/1,3	12/2	12,5/1,7
6300	2m	316	4/1	/	7	10	13	4	4,5	/	/	4/1,3	4,5/1,5	/	/
	3m	740	2/1	13	18	25	32	/	/	/	/	8/1,3	13/2,2	/	/
8000	3m	525	4/1	/	7	10	13	4	7,5	6	12	4/0,7	8/1,3	6/1	12,5/1,7
	2m	740	2/1	13	18	25	32	/	/	/	/	8/1,3	13/2,2	/	/
	3m	750	2/1	13	18	25	32	5	12,5	/	/	5/1,2	13/3	8/1,3	13/2,2
10000	2m	525	4/1	/	7	10	13	4	7,5	6	12	4/0,7	8/1,3	6/1	12,5/1,7
	2m	750	2/1	13	18	25	32	5	12,5	/	/	5/1,2	13/3	8/1,3	15/2,5
	3m	963	2/1	20	32	48	/	6	12,5	/	/	6/1,5	13/3	/	/
12500	3m	740	4/1	6,5	9	12,5	16	/	/	/	/	4/1	13/3	/	/
	3m	963	2/1	20	32	48	/	5	12,5	/	/	5/1,2	13/3	/	/
16000	2m	740	4/1	6,5	9	12,5	16	/	/	/	/	4/0,7	13/2,2	/	/
	3m	750	4/1	6,5	9	12,5	16	2,5	12,5	/	/	2,5/0,6	13/3	4/0,7	13/2,2
	1Am	980	2/1	20	32	48	/	/	/	/	/	5/1,2	16/4	/	/
20000	2m	750	4/1	6,5	9	12,5	16	2,5	12,5	/	/	2,5/0,6	13/3	4/0,7	15/2,5
	3m	963	4/1	10	16	24	/	3	12,5	/	/	3/0,75	13/3	/	/
	2m	1100	2/1	20	24	30	44	3	12,5	/	/	3/0,75	13/3	5/0,8	20/3,3
25000	2m	963	4/1	10	16	24	/	2,5	12,5	/	/	2,5/0,6	13/3	4/0,7	20/3,3
	1Am	1125	2/1	20	24	30	44	/	/	/	/	3/0,75	16/4	4/0,7	20/3,3
32000	1Am	980	4/1	10	16	24	/	/	/	/	/	2,5/0,6	16/4	/	/
40000	2m	1100	4/1	10	12	15	22	/	/	/	/	1,5/0,37	13/3	2,5/0,4	20/3,3
50000	1Am	1125	4/1	10	12	15	22	/	/	/	/	1,5/0,37	16/4	2/0,35	20/3,3



Paranchi a fune **SERIE XM** XM SERIES rope hoists

CARRELLI
TROLLEYS

CARATTERISTICHE TECNICHE - TECHNICAL DATA

Portata Capacity	Gruppo Group	Paranco Hoist	Tiri funi Rope falls	Velocità carrelli e potenze motori Trolleys speeds and motor power															
				Monotrave Monorail								Bitrave Birail							
				Tipo: 3-43 Type: 3-43				Tipo: 83 Type: 83				Tipo: 53-53C1 Type: 53-53C1							
kg	FEM	XM	N°	m/min	kW *	m/min	kW	m/min	kW *	m/min	kW	m/min	kW *	m/min	kW	m/min	kW	m/min	kW
1000	3m	308	2/1	18	0,37	18/6	0,37/0,12	20	2x0,25	20/5	2x0,24/0,06	16	0,37	16/5,3	0,37/0,12	0,37	20/6,5	0,37/0,12	
1250	3m	308	2/1																
1600	2m	308	2/1																
2000	3m	308	4/1																
	3m	312	2/1																
2500	3m	308	4/1																
	2m	312	2/1																
3200	2m	308	4/1																
	2m	316	2/1																
4000	3m	312	4/1																
	3m	525	2/1																
5000	2m	312	4/1																
	3m	316	4/1																
	2m	525	2/1																
6300	2m	316	4/1																
	2m	740	2/1																
8000	3m	525	4/1																
	2m	740	2/1																
	3m	750	2/1																
10000	2m	525	4/1																
	2m	750	2/1																
	3m	963	2/1																
12500	3m	740	4/1																
	1Am	963	2/1																
16000	2m	740	4/1																
	2m	750	4/1																
	3m	963	4/1																
	1Am	980	2/1																
20000	2m	750	4/1																
	3m	963	4/1																
	2m	1100	2/1																
25000	2m	963	4/1																
	1Am	1125	2/1																
32000	1Am	980	4/1	20	2x0,75	20/6,5	2x0,75/0,25	/	/	/	/		2x1,1	1,1/0,37	1,5	2x1,1	2x1,1/0,37	2x1,5	2x1,5/0,55
40000	2m	1100	4/1	/	/	/	/	/	/	/									
50000	1Am	1125	4/1	/	/	/	/	/	/	/	/								

* Motori utilizzabili con inverter / Motors suitable also with inverter

Paranchi a fune SERIE XM

XM SERIES rope hoists

MOTORI DI SOLLEVAMENTO CONICI

CONICAL HOIST MOTORS

(N° avv/h = 240 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V	400 V	230 V min	400 V min
4	2,3	10,0	6,0	12	8
4	4,5	20,5	12,0	25	16
4	5,5	21,0	12,2	25	16
4	7,5	31,0	17,0	40	20
4	12,0	49,5	28,0	63	32
6	12,5	61,5	36,0	80	40
4/12	3/1	15/14,5	9/8,5	20	10
4/12	4,5/1,5	19,3/18,5	11/10,5	25	12
4/24	6/1	24,8/12,0	13,5/7,0	32	16
4/24	8/1,3	21,5/19	16/12	25	16
4/24	12,5/1,7	34,5/26	23/15	40	25
4/24	13/2,2	49/53	28/30	80	50
6/24	13/3	48/70	30/40	80	50
4/24	15/2,5	56/57	32/33	80	40
6/24	16/4	63/126	36/70	160	80
4/24	20/3,3	70/105	42/58	160	80
4/24	24/4	80/126	48/70	160	80

MOTORI DI SOLLEVAMENTO CILINDRICI

CYLINDRICAL HOIST MOTORS

(N° avv/h = 240 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V	400 V	230 V	400 V
4	2,5	12,3	7,1	16	10
4	4	15,8	9,1	20	16
4	5	19,9	11,5	25	16
4	5,8	23	13,3	25	16
4	7	26,9	15,5	32	20
4	8	29,1	16,8	40	25
4	12	41,5	24	50	32
4	15	57	33	63	63
4	16	60,4	34,9	80	63
4	18	66,6	38,5	80	63
4	20	72,7	42	100	63
4	24	86,7	50,1	100	63
4/12	2,5/0,83	10,9/10,4	6,3/6	12	10
4/12	4/1,3	16/15,8	9,1/9,3	20	12
4/12	5/1,6	21/16,8	12,1/9,7	25	16
4/12	5,8/1,9	22/15,8	12,7/9,1	25	16
4/12	7/2,3	30,3/25,4	17,5/14,7	40	20
4/12	8/2,6	30,1/32,4	17,4/18,7	40	20
4/12	12/4	43,6/32,2	25,2/18,6	63	40
4/12	15/5	52,2/41,7	30,2/24,1	63	40
4/12	16/5,3	63,2/53,1	36,5/30,7	80	63
4/12	18/6	67,9/56,6	39,2/32,7	100	63
4/12	20/6,5	69,7/56,4	40,3/32,6	100	63

ASSORBIMENTI MOTORI

MOTORS ABSORPTION

MOTORI DI TRASLAZIONE CARRELLO MONOTRAVE TIPO 83

TRAVEL MOTORS MONORAIL TROLLEY TYPE 83

(N° avv/h = 180 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V A	400 V A	230 V A	400 V A
2	0,25	1,2	0,8	2	1
2	0,30	1,7	1,0	4	2
2	0,55	2,4	1,3	4	2
4	0,18	1,05	0,58	2	1
4	0,25	1,65	0,83	4	2
2/8	0,24/0,06	1,4/1,3	0,8/1,0	2	1
2/8	0,30/0,075	2,2/2,2	1,2/1,2	4	2
2/8	0,55/0,13	2,4/3,3	1,3/1,8	4	2

MOTORI DI TRASLAZIONE CARRELLO MONOTRAVE TIPO 3

TRAVEL MOTORS MONORAIL TROLLEY TYPE 3

(N° avv/h = 180 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V A	400 V A	230 V A	400 V A
4	0,37	2,1	1,2	4	2
4	0,55	2,9	1,6	4	2
4	0,75	4,0	2,2	6	4
4	1,10	5,1	2,8	6	4
4/12	0,37/0,12	2,6/3,1	1,4/1,7	4	2
4/12	0,55/0,18	2,9/3,5	1,6/1,9	4	2
4/12	0,75/0,25	3,9/4,4	2,1/2,4	6	4
4/12	1,1/0,37	6,4/6,4	3,5/3,5	8	4

MOTORI DI TRASLAZIONE CARRELLO BITRAVE TIPO 53

TRAVEL MOTORS DOUBLE RAIL TROLLEY TYPE 53

(N° avv/h = 180 - S.I. 40% - Vel. aux 15%)

Motore Motor		Corrente nominale (in A) Rated current (in A)		Fusibili di protezione tipo "aM" accompagnamento motore "aM" type protection fuse for the motor	
N° Poli Poles	Potenza kW Power kW	230 V A	400 V A	230 V A	400 V A
4	0,37	2,1	1,2	4	2
4	0,55	2,9	1,6	4	2
4	0,75	4,0	2,2	6	4
4	1,1	5,1	2,8	6	4
4	1,5	6,6	3,6	10	6
4	2,2	9,3	5,1	10	6
4/12	0,37/0,12	2,6/3,1	1,4/1,7	4	2
4/12	0,55/0,18	2,9/3,5	1,6/1,9	4	4
4/12	0,75/0,25	3,9/4,4	2,1/2,4	6	4
4/12	1,1/0,37	6,4/6,4	3,5/3,5	8	6
4/12	1,5/0,55	7,1/7,1	3,9/3,9	10	6
4/12	2,2/0,75	13,8/9,8	7,6/5,4	16	10



La tolleranza sui valori di assorbimento è del $\pm 5\%$
Tolerance on absorbing values is $\pm 5\%$



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

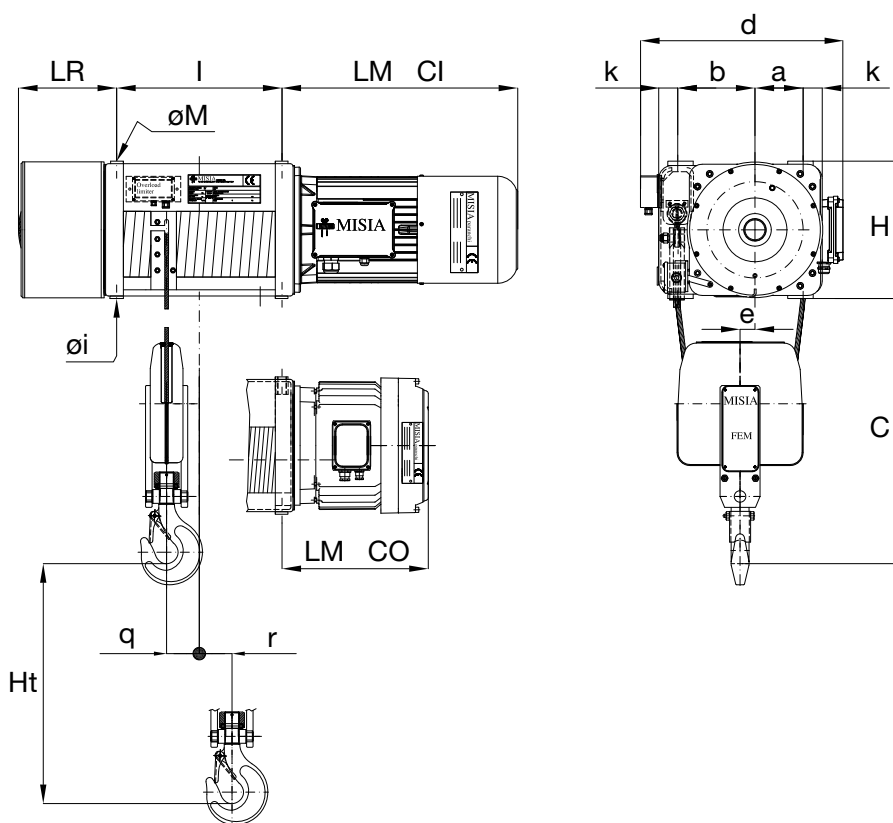
XM 308 / 312 / 316 / 525

Portata Capacity **1÷5 t**

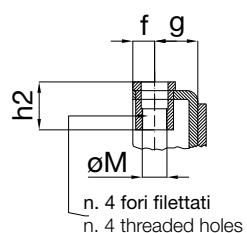
S2 **2 TIRI DI FUNE (2/1)** - 2 ROPE FALLS (2/1)

Tipo 5 **APPOGGIATO** - SUPPORTED

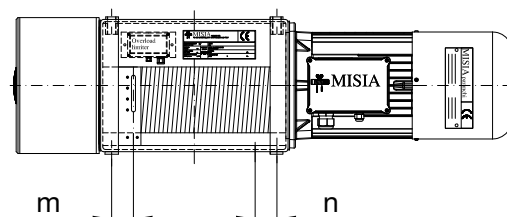
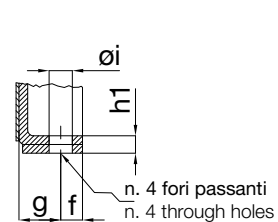
Tipo 5C1 **SOSPESO** - SUSPENDED



Fissaggio paranchi sospesi
Suspended hoist anchorage



Fissaggio paranchi appoggiati
Supported hoist anchorage



Posizione fune avvolta
Coiled position

Posizione fune svolta
Uncoiled position



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

XM 308 / 312 / 316 / 525

Portata Capacity 1÷5 t

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 5 APPOGGIATO - SUPPORTED

Tipo 5C1 SOSPESO - SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	(a+b)	d	k	e	øi	f	g	øM	h1	h2	m	n
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	M	mm	mm	mm	mm
1000	3m	308 - 2/1	570	325	105	190	295	500	50	53	15	19	27	M14	13	28	45	48
1600	2m	308 - 2/1	570	325	105	190	295	490	50	53	15	19	27	M14	13	28	45	48
2500	2m	312 - 2/1	640	325	105	190	295	490	50	40	17	19	27	M20	13	34	48	56
3200	2m	316 - 2/1	640	325	105	190	295	490	50	40	17	19	27	M20	13	34	48	56
5000	2m	525 - 2/1	730	380	133	212	345	560	53	41	21	21	31	M24	18	48	60	61

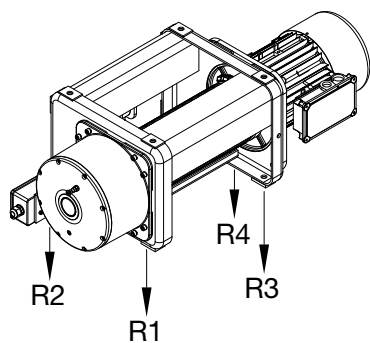
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	l	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
1000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	190
			14	520	154											200
1600	2m		20	700	244											212
			26	885	377											224
2500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	255
			14	570	155											270
			20	775	258											290
			26	975	358											310
3200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	/	420	/	250	270
			14	570	155											290
			20	775	258											310
			26	975	358											330
5000	2m	525 - 2/1	10	455	90	78	600	650	600	650	415	465	460	505	270	380
			14	590	157											410
			20	795	260											440
			26	995	360											470

Reazioni statiche Static reactions

S2 - XM 308 / 312 / 316 / 525

PARANCHI TIPO 5 / TIPO 5C1 - HOISTS TYPE 5 / 5C1



Paranco Hoist type	Portata WLL	Corse gancio Hook travel															
		H10				H14				H20				H26			
		R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
308	1000	384	443	168	195	417	482	140	161	445	513	118	136	463	533	106	122
308	1600	588	678	243	281	639	738	197	226	681	786	160	185	708	817	139	160
312	2000	784	757	363	351	857	828	298	287	924	894	240	232	965	932	210	203
312	2500	963	930	438	424	1053	1018	356	343	1136	1099	282	273	1185	1146	244	235
316	3200	1217	1177	547	529	1333	1288	442	427	1438	1390	347	335	1499	1449	296	286
525	3200	1204	1226	570	580	1321	1345	468	476	1427	1451	378	384	1490	1516	329	335
525	4000	1481	1507	690	702	1625	1654	561	570	1755	1785	446	454	1832	1863	384	391
525	5000	1827	1859	840	854	2005	2040	677	688	2165	2202	532	541	2259	2298	452	461



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

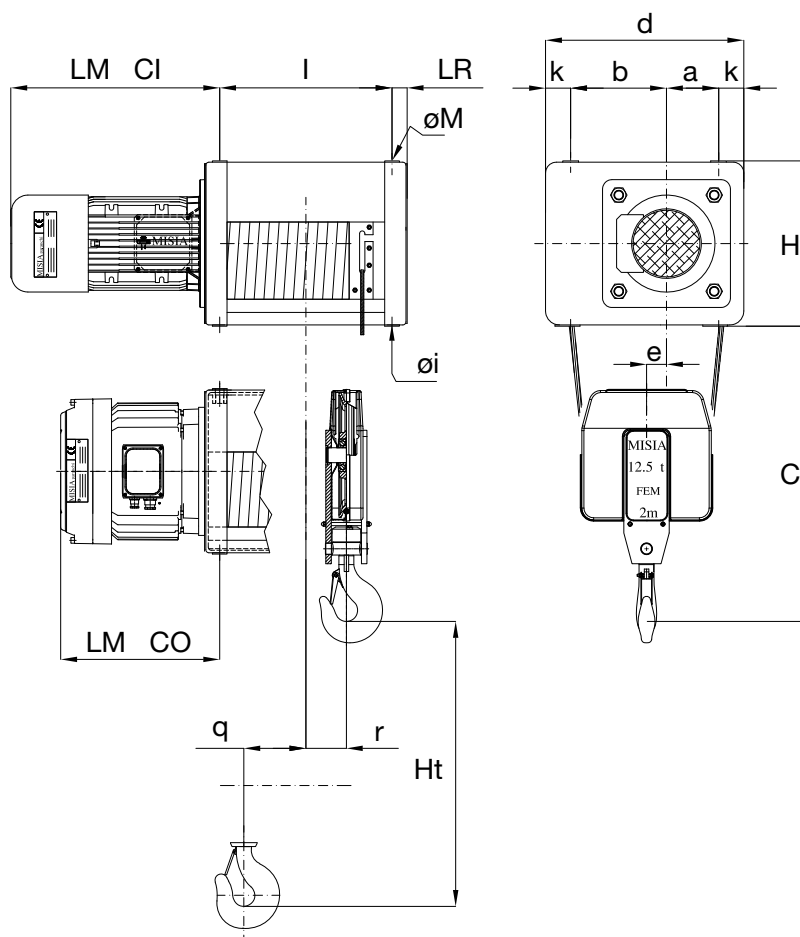
XM 740 / 750 / 963 / 980 / 1100 / 1125

Portata Capacity 6,3÷25 t

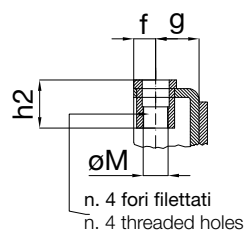
S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 5 APPOGGIATO - SUPPORTED

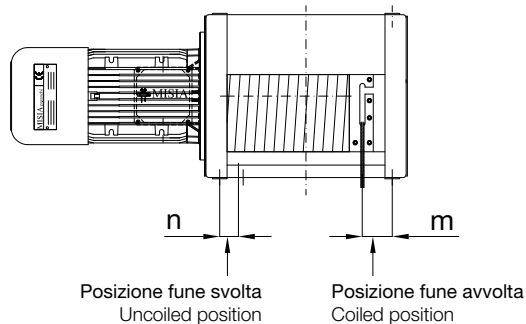
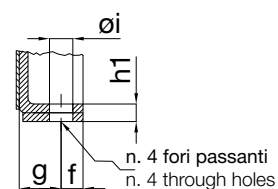
Tipo 5C1 SOSPESO - SUSPENDED



Fissaggio paranchi sospesi
Suspended hoist anchorage



Fissaggio paranchi appoggiati
Supported hoist anchorage





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

XM 740 / 750 / 963 / 980 / 1100 / 1125

Portata Capacity 6,3÷25 t

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 5 APPOGGIATO - SUPPORTED

Tipo 5C1 SOSPESO - SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	(a+b)	d	k	e	øi	f	g	øM	h1	h2	m	n
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6300	3m	740 - 2/1	840	530	168	307	475	636	81	64	25	24	45	M27	17	47	65	85
8000	2m	740 - 2/1	840	530	168	307	475	636	81	64	25	24	45	M27	17	47	65	85
10000	2m	750 - 2/1	1000	530	168	307	475	636	81	64	25	24	45	M27	17	47	65	85
10000	3m	963 - 2/1	1100	625	200	340	540	725	92	66	39	29	60	M36	24	66	55	90
12500	2m	963 - 2/1	1100	625	200	340	540	725	92	66	39	29	60	M36	24	66	55	90
16000	1Am	980 - 2/1	1150	625	200	340	540	725	92	66	39	29	60	M36	24	66	55	90
20000	2m	1100 - 2/1	1330	810	233	452	685	964	138	89	39	40	80	M30*	19	58	75	120
25000	1Am	1125 - 2/1	1330	810	233	452	685	964	138	89	39	40	80	M30*	19	58	75	120

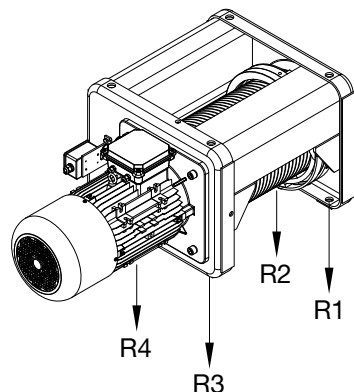
* Non utilizzabile per versione sospesa / Not suitable for suspended version

Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	l	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
6300	3m	740 - 2/1	13	563	130	83	670	/	670	/	480	/	520	/	45	700
			18	713	160											730
8000	2m		25	928	268	133										800
			32	1143	375											870
10000	2m	750 - 2/1	13	563	135	83	670	/	670	/	480	/	520	/	45	710
			18	713	160											750
			25	928	268	133										820
			32	1143	375											930
10000	3m	963 - 2/1	20	840	230		760	/	760	/	495	/	535	/	60	1095
			32	1255	438	134										1210
			48	1755	688											1466
			20	840	230											1095
12500	2m	963 - 2/1	32	1255	438	134	760	/	760	/	495	/	535	/	60	1210
			48	1755	688											1466
			20	840	230											1256
			32	1255	438	134										1460
16000	1Am	980 - 2/1	48	1755	688		760	/	760	/	495	/	535	/	60	1710
			22	977	305											2400
			28	1162	400	100										2470
			36	1402	520											2660
20000	2m	1100 - 2/1	52	1912	775		850	/	860	/	555	/	585	/	150	2930
			22	977	305											2400
			28	1162	400	100										2470
			36	1402	520											2660
25000	1Am	1125 - 2/1	52	1912	775		850	/	860	/	555	/	585	/	150	2970
			22	977	305											2400
			28	1162	400	100										2470
			36	1402	520											2660

Reazioni statiche Static reactions

S2 - XM 740 / 750 / 963 / 980 / 1100 / 1125
PARANCHI TIPO 5 / TIPO 5C1 - HOISTS TYPE 5 / 5C1



Paranco Hoist	Portata Capacity	Corse gancio Hook travel															
		H13				H18				H25				H32			
XM	Kg	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
740	6300	2562	2435	1027	976	2534	2410	1069	1017	2763	2626	877	834	2909	2765	767	729
740	8000	3202	3045	1258	1195	3166	3009	1310	1245	3450	3280	1061	1009	3630	3452	917	871
750	10000	4113	3994	1316	1277	4505	4374	939	912	4743	4604	737	716	4760	4622	755	733
XM	Kg	H20				H32				H48				/			
963	10000	4220	4097	1410	1368	4249	4125	1439	1397	4314	4188	1504	1460	/	/	/	/
963	12500	5201	4125	1439	1397	5231	4188	1504	1460	5296	5050	1697	1647	/	/	/	/
980	16000	7210	4188	1504	1460	7594	5050	1697	1647	7659	5078	1726	1675	/	/	/	/
XM	Kg	H22				H28				H36				H52			
1100	20000	9286	8237	2585	2292	9648	8559	2259	2004	9985	8857	2023	1795	10437	9258	1736	1539
1125	25000	11438	10146	3082	2734	11885	10543	2672	2370	12293	10904	2365	2098	12836	11385	1987	1762



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

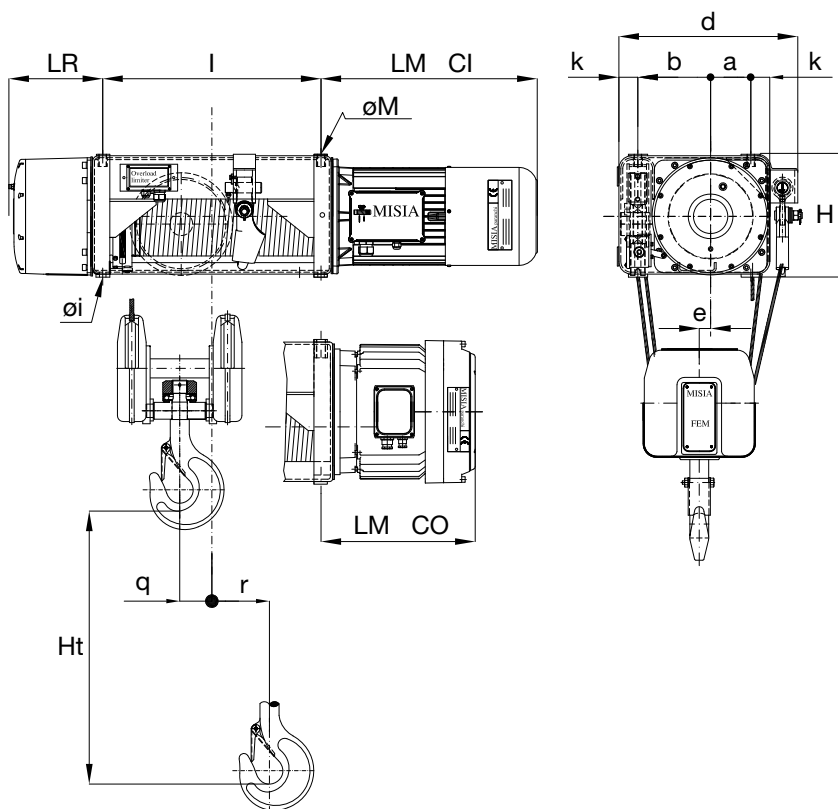
XM 308 / 312 / 316 / 525

Portata Capacity **2÷10 t**

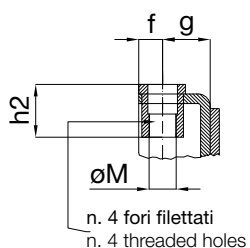
S4 **4 TIRI DI FUNE (4/1)** - 4 ROPE FALLS (4/1)

Tipo 5 **APPOGGIATO** - SUPPORTED

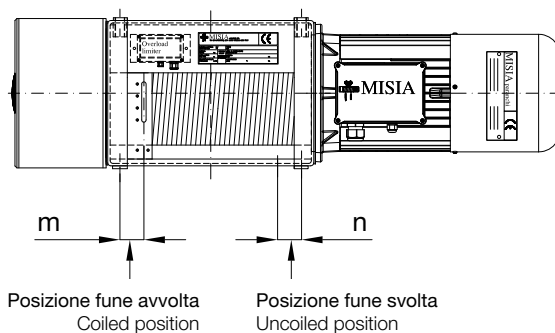
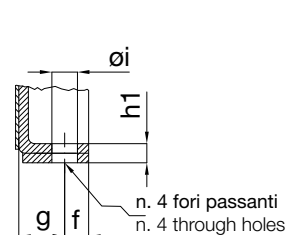
Tipo 5C1 **SOSPESO** - SUSPENDED



Fissaggio paranchi sospesi
Suspended hoist anchorage



Fissaggio paranchi appoggiati
Supported hoist anchorage





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

XM 308 / 312 / 316 / 525

Portata Capacity 2÷10 t

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 5 APPOGGIATO - SUPPORTED

Tipo 5C1 SOSPESO - SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	(a+b)	k	e	d	øi	f	g	øM	h1	h2	m	n
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	M	mm	mm	mm	mm
2000	3m	308 - 4/1	520	325	105	190	295	50	27	467	15	19	27	M14	13	28	45	48
3200	2m	308 - 4/1	520	325	105	190	295	50	27	467	15	19	27	M14	13	28	45	48
5000	2m	312 - 4/1	590	325	105	190	295	50	21	467	17	19	27	M20	13	34	48	56
6300	2m	316 - 4/1	640	325	105	190	295	50	21	467	17	19	27	M20	13	34	48	56
10000	2m	525 - 4/1	730	380	133	212	345	53	17	522	21	21	31	M24	18	48	60	61

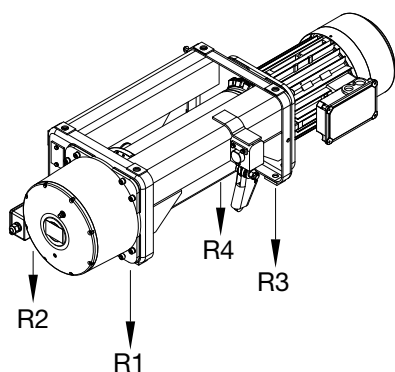
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	l	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
2000	3m	308 - 4/1	7	520	90	17	460	460	490	490	315	375	385	420	200	217
3200	2m		10	700	180	-28										234
			13	885	273	-75										245
5000	2m	312 - 4/1	7	570	84	33	460	460	490	565	375	420	420	420	250	300
			10	775	187	-20										323
			13	975	287	-70										350
6300	2m	316 - 4/1	7	570	84	33	460	565	500	565	375	/	420	/	250	320
			10	775	187	-20										340
			13	975	287	-70										370
10000	2m	525 - 4/1	7	590	73	45	600	650	600	650	415	465	460	505	270	460
			10	795	176	-8										500
			13	995	267	-58										530

Reazioni statiche Static reactions

S4 - XM 308 / 312 / 316 / 525

PARANCHI TIPO 5 / TIPO 5C1 - HOISTS TYPE 5 / 5C1



Paranco Hoist type	Portata WLL	Corse gancio Hook travel											
		H7				H10				H13			
XM	Kg	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
308	2000	827	669	398	323	919	745	315	255	981	795	259	210
308	2500	1018	745	315	255	1133	795	259	210	1209	824	483	392
308	3200	1286	795	259	210	1431	824	483	392	1528	917	378	306
312	4000	1548	1154	915	683	1775	1324	701	523	1910	1424	582	434
312	5000	1913	1324	701	523	2195	1424	582	434	2361	1426	1123	838
316	6300	2393	1784	1400	1043	2745	2046	1059	790	2953	2201	868	648
525	6300	2349	1807	1472	1132	2713	2087	1131	869	2947	2266	1835	1412
525	8000	2947	2266	1835	1412	3405	2619	1399	1077	3670	2822	1152	886
525	10000	3650	2808	2262	1740	4219	3245	1716	1320	4547	3498	1404	1081



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

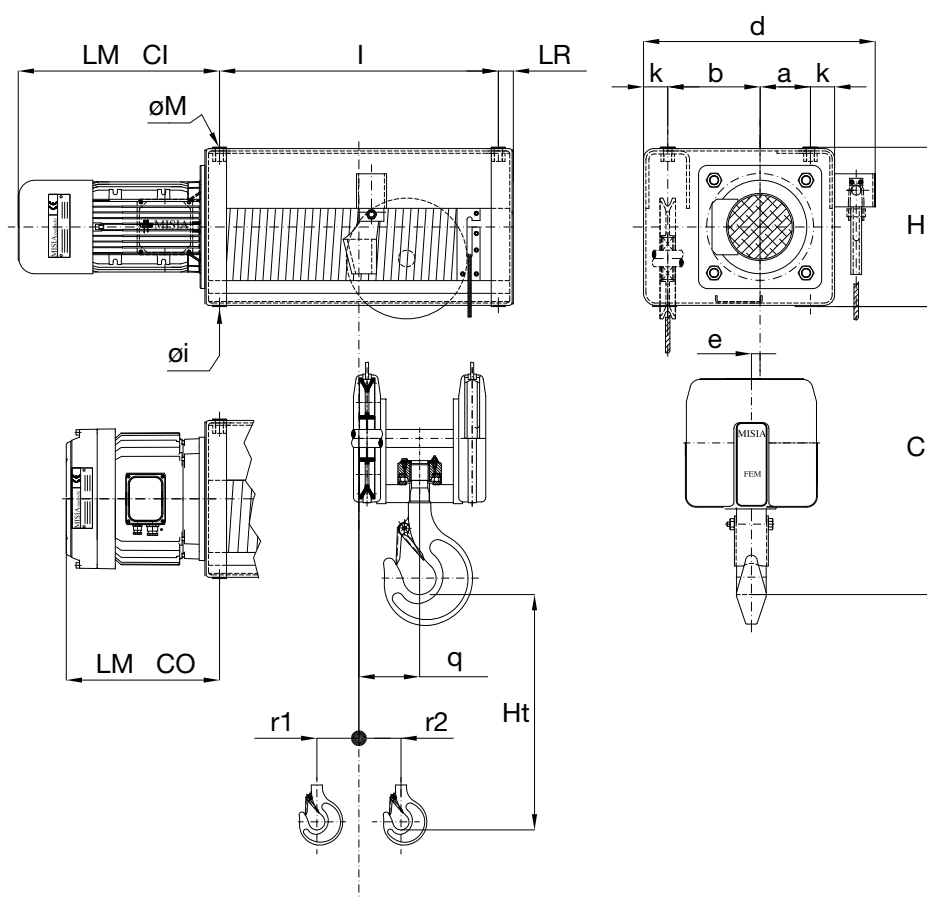
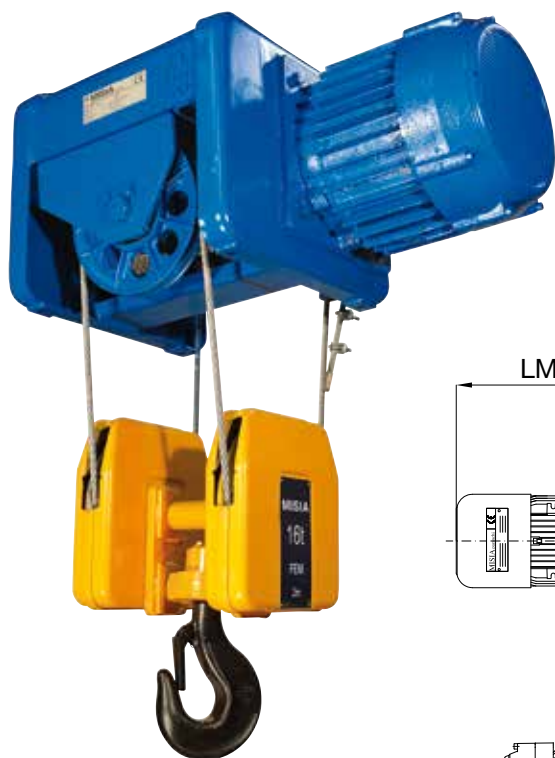
XM 740 / 750 / 963 / 980 / 1100 / 1125

Portata Capacity 12,5÷50 t

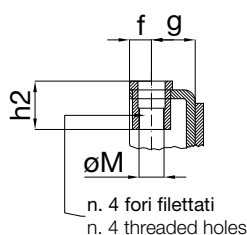
S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 5 APPOGGIATO - SUPPORTED

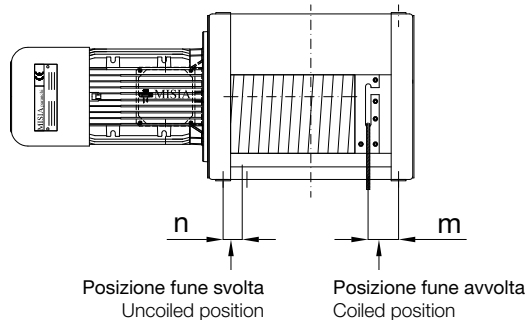
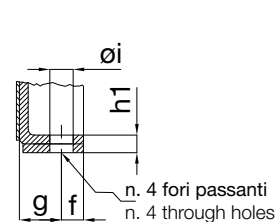
Tipo 5C1 SOSPESO - SUSPENDED



Fissaggio paranchi sospesi
Suspended hoist anchorage



Fissaggio paranchi appoggiati
Supported hoist anchorage





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

XM 740 / 750 / 963 / 980 / 1100 / 1125

Portata Capacity 12,5÷50 t

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 5 APPOGGIATO - SUPPORTED

Tipo 5C1 SOSPESO - SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	s (a+b)	d	k	e	øi	f	g	øM	h1	h2	m	n
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12500	3m	740 - 4/1	840	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
16000	2m	740 - 4/1	840	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
20000	2m	750 - 4/1	880	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
20000	3m	963 - 4/1	1000	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
25000	2m	963 - 4/1	1000	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
32000	1Am	980 - 4/1	1100	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
40000	2m	1100 - 4/1	1200	810	233	452	685	1140	138	54	39	40	80	M30*	19	58	75	120
50000	1Am	1125 - 4/1	1200	810	233	452	685	1140	138	54	39	40	80	M30*	19	58	75	120

* Non utilizzabile per versione sospesa / Not suitable for suspended version

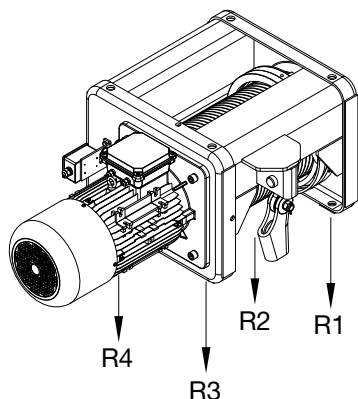
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	l	q	r1	r2	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
12500	3m	740 - 4/1	6,5	563	35	71	/	670	/	670	/	480	/	520	/	45	740
			9	713	115	31	/										860
16000	2m		12,5	928	223	/	22										920
		750 - 4/1	16	1143	330	/	76										990
			6,5	563	38	69	/										920
			9	713	115	31	/										970
20000	2m		12,5	928	223	/	22										1040
		963 - 4/1	16	1143	330	/	76	890	/	890	/	495	/	535	/	60	1100
			10	840	130	52	/										1140
			16	1255	338	/	51										1350
20000	3m		24	1755	588	/	177										1600
		963 - 4/1	10	840	130	52	/	890	/	890	/	495	/	535	/	60	1140
			16	1255	338	/	51										1350
			24	1755	588	/	177										1600
25000	2m		10	840	130	52	/										1440
		980 - 4/1	16	1255	338	/	51	890	/	890	/	495	/	535	/	60	1640
			24	1755	588	/	177										1900
32000	1Am		11	977	193	12	/	890	/	890	/	555	/	585	/	150	2670
			14	1162	285	/	35										2820
			18	1402	405	/	95										3030
40000	2m		26	1912	660	/	222										3450
		1125 - 4/1	11	977	193	12	/	890	/	890	/	555	/	585	/	150	2670
			14	1162	285	/	35										2820
			18	1402	405	/	95										3030
50000	1Am		26	1912	660	/	222										3450

Reazioni statiche Static reactions

S4 - XM 740 / 750 / 963 / 980 / 1100 / 1125

PARANCHI TIPO 5 / TIPO 5C1 - HOISTS TYPE 5 / 5C1



Paranco Hoist	Portata Capacity	Corse gancio Hook travel															
		H6,5				H9				H12,5				H16			
		R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
740	12500	4350	3069	3413	2408	5110	3606	2723	1921	3677	5713	4030	2156	6091	4298	1818	1283
740	16000	5506	3884	4309	3041	6467				4586	7232	5102	2689	7232	5102	2689	1897
750	20000	6880	4855	5385	3800	8052				5680	9006	6354	3330	9595	6770	2776	1959
XM	Kg	H10				H16				H24				/			
963	20000	7887	5808	4288	3157	9280	6834	3016	2220	4034	10117	7449	2323	/	/	/	/
963	25000	9773	7196	5282	3889	11496	8464	3680	2710	4859	12521	9220	2798	/	/	/	/
980	32000	12511	9213	6748	4968	14702	10826	4672	3440	6117	16001	11782	3523	/	/	/	/
XM	Kg	H11				H14				H18				H26			
1100	40000	17037	12285	7755	5593	18202	13125	6678	4815	19287	13908	5714	4121	20732	14950	4513	3255
1125	50000	21090	15208	9513	6859	22532	16248	8158	5882	23871	17213	6941	5005	25643	18491	5413	3903



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

Portata Capacity 1÷5 t

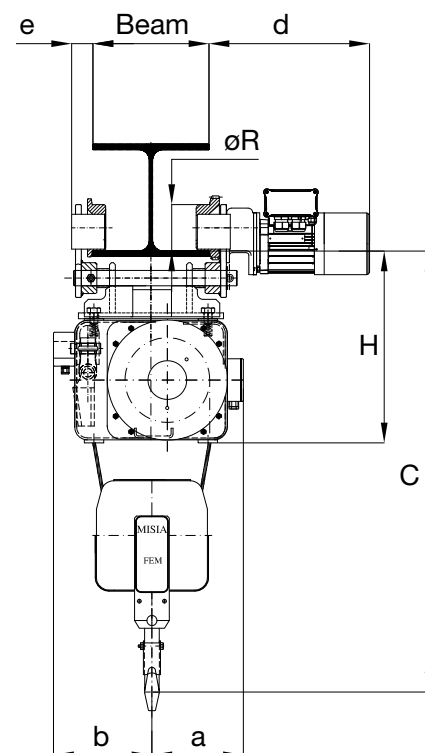
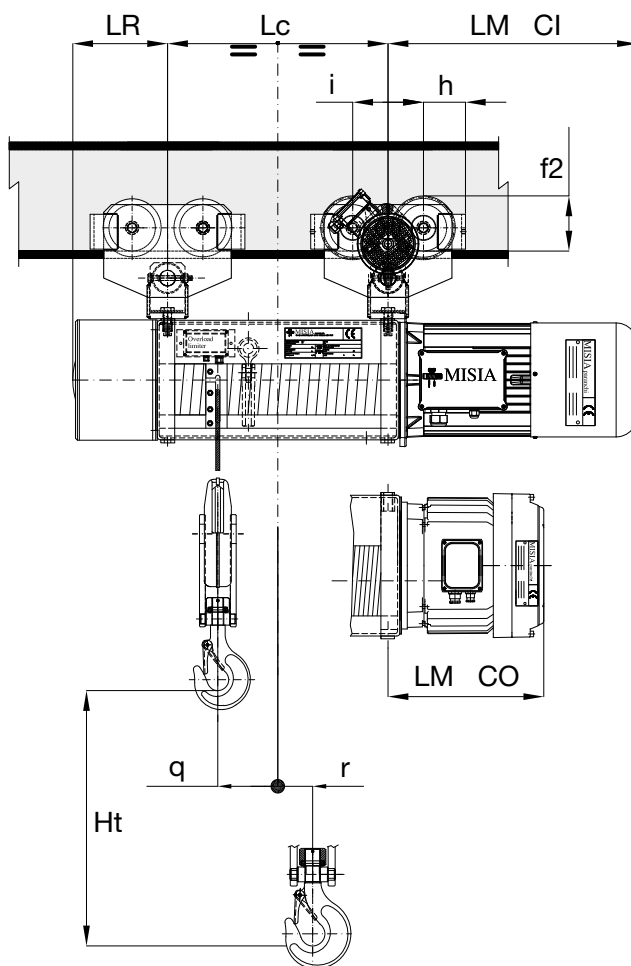
S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
120	17	35	25

R = Per single wheel





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

Portata Capacity 1÷5 t

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	d	e	øR	f2	i	h	Larghezza min ala trave Min flange width
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1000	3m	308 - 2/1	1080	500	240	250	410	60	120	145	183	110	110
1600	2m	308 - 2/1	1080	500	240	250	410	60	120	145	183	110	110
2500	2m	312 - 2/1	1140	510	240	250	410	60	120	145	183	110	110
3200	2m	316 - 2/1	1140	510	240	250	410	60	120	145	183	110	110
5000	2m	525 - 2/1	1290	560	280	260	410	60	120	145	183	110	110

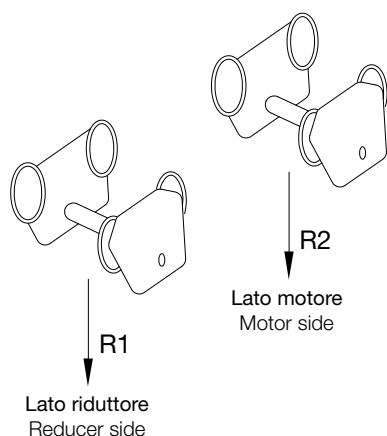
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
1000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	320
			14	520	154											330
1600	2m		20	700	244											350
			26	885	377											360
2500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	390
			14	570	155											400
			20	775	258											420
			26	975	358											440
3200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	/	420	/	250	405
			14	570	155											415
			20	775	258											440
			26	975	358											460
5000	2m	525 - 2/1	10	455	90	78	600	650	600	650	415	465	460	505	270	530
			14	590	157											620
			20	795	260											660
			26	995	360											630

Reazioni statiche Static reactions

S2 - XM 308 / 312 / 316 / 525

CARRELLI PARANCO TIPO 3 - HOIST TROLLEYS TYPE 3



Paranco Hoist type	Portata WLL	Corse gancio Hook travel							
		H10		H14		H20		H26	
XM	Kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1000	898	433	968	371	1031	328	1069	300
308	1600	1336	595	1446	493	1540	419	1597	372
312	2000	1617	791	1758	660	1891	547	1970	488
312	2500	1969	939	2144	774	2307	631	2404	554
316	3200	2470	1153	2692	941	2900	758	3021	657
525	3200	2543	1265	2783	1065	3000	888	3127	791
525	4000	3101	1507	3396	1252	3661	1027	3816	902
525	5000	3799	1809	4162	1486	4488	1200	4678	1040

Carico sulla singola ruota = $\frac{R1}{4}$ $\frac{R2}{4}$
Load on the single wheel



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

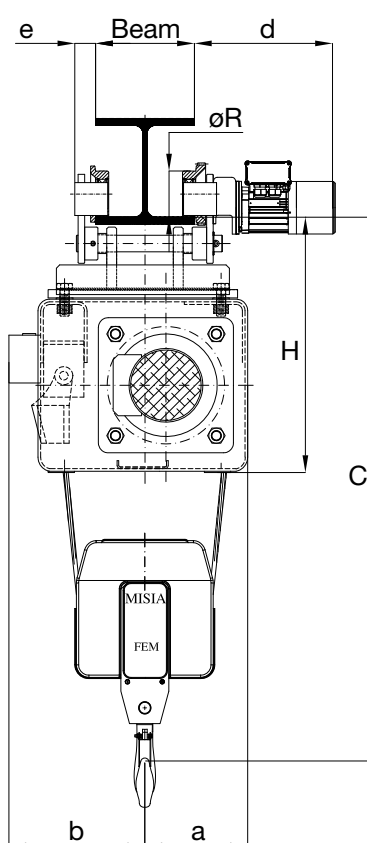
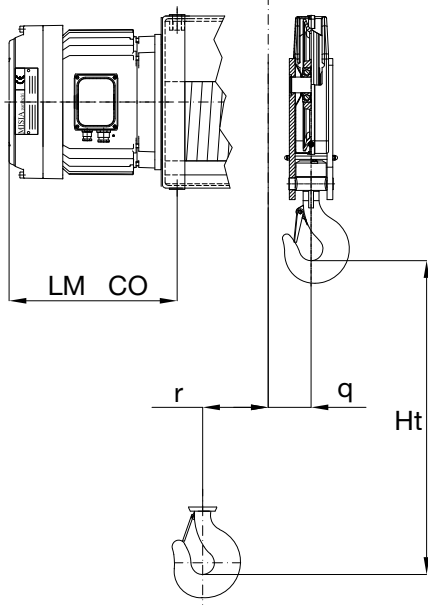
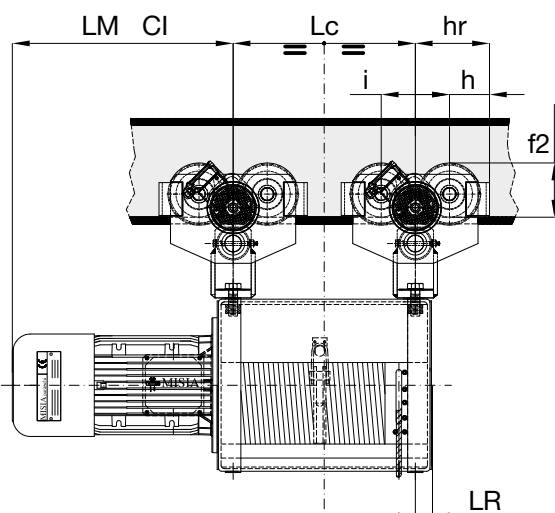
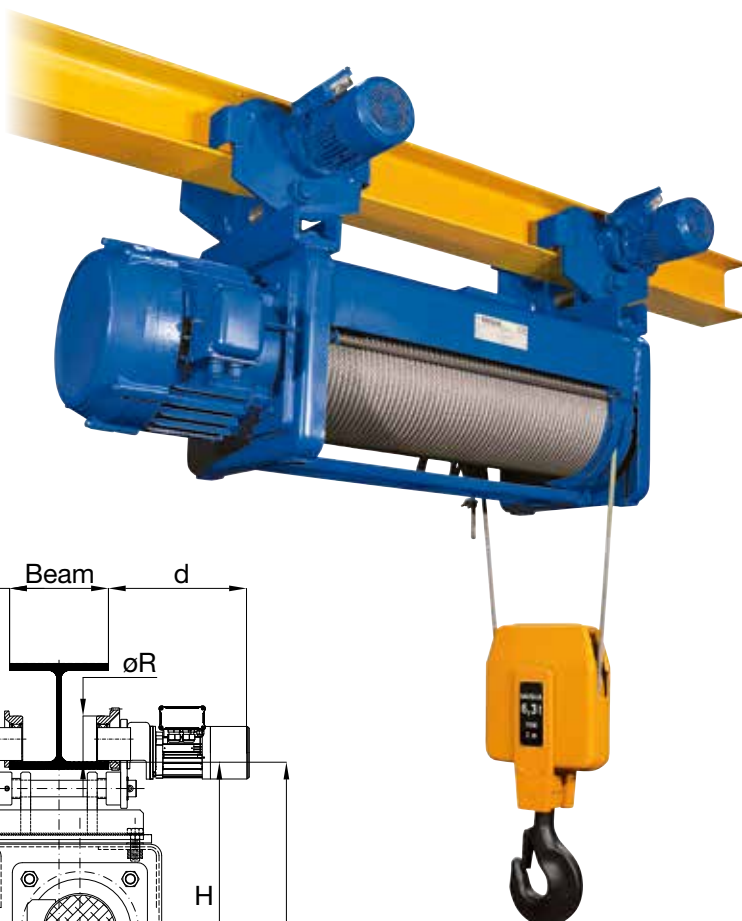
HOIST WITH MONORAIL TROLLEY

XM 740 / 750 / 963

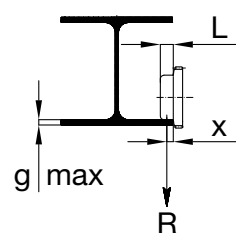
Portata Capacity 6,3÷16 t

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
140	20	40	25



R = Per single wheel



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 740 / 750 / 963

Portata Capacity **6,3÷16 t**

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	d	e	øR	f2	i	h	hr	Larghezza min ala trave Min flange width
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6300	3m	740 - 2/1	1650	775	410	410	410	70	140	165	207	125	225	120
8000	2m	740 - 2/1	1650	775	410	410	410	70	140	165	207	125	225	120
10000	2m	750 - 2/1	1810	775	410	410	410	70	140	165	207	125	225	120
10000	3m	963 - 2/1	2110	900	410	450	410	70	140	165	207	125	225	120
12500	2m	963 - 2/1	2110	900	410	450	410	100	140	165	207	125	225	150
16000	1Am	980 - 2/1	2110	900	410	450	350	250	160	235	310	150	310	150

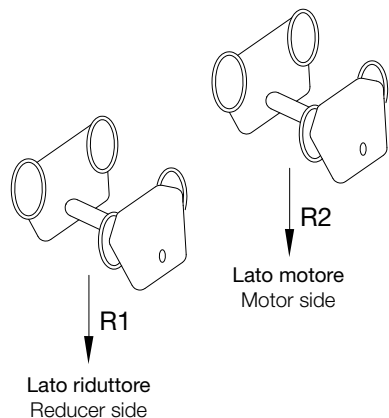
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r	LMCI				LMCO				LR	Peso Weight																		
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg																		
6300	3m	740 - 2/1	13	563	130	83	670	/	670	/	480	/	520	/	45	910																		
			18	713	160	133										950																		
8000	2m		25	928	268											133	1010																	
			32	1143	375	1090																												
10000	2m	750 - 2/1	13	563	135	83										760	/	760	/	495	/	535	/	60	920									
			18	713	160	133																			970									
			25	928	268																				134	1040								
			32	1143	375	1192																												
10000	3m	963 - 2/1	20	840	230	760	/	760	/	495	/	535	/	60	1590																			
			32	1255	438										134										1790									
			48	1755	688																				2040									
12500	2m	963 - 2/1	20	840	230										760										/	760	/	495	/	535	/	60	1590	
			32	1255	438											134	1790																	
			48	1755	688												2040																	
16000	1Am	980 - 2/1	20	840	230											760	/	760	/	495	/	535	/	60									1830	
			32	1255	438																												134	2030
			48	1755	688																													2280

Reazioni statiche Static reactions

S2 - XM 740 / 750 / 963

CARRELLI PARANCO TIPO 3 - HOIST TROLLEYS TYPE 3



Paranco Hoist	Portata Capacity	Corse gancio Hook travel							
		H13		H18		H25		H32	
XM	Kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	6300	5111	2169	5089	2231	5530	1850	5820	1640
740	8000	6353	2627	6321	2699	6871	2209	7228	1932
750	10000	7820	3170	7780	3260	8463	2647	8939	2331
XM	Kg	H20		H32		H48		/	
963	10000	8606	3067	9481	2422	10041	2112	/	/
963	12500	10540	3633	11603	2800	12271	2382	/	/
980	16000	13480	4595	14790	3465	15613	2892	/	/

Carico sulla singola ruota = $\frac{R1}{4}$ $\frac{R2}{4}$
Load on the single wheel



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

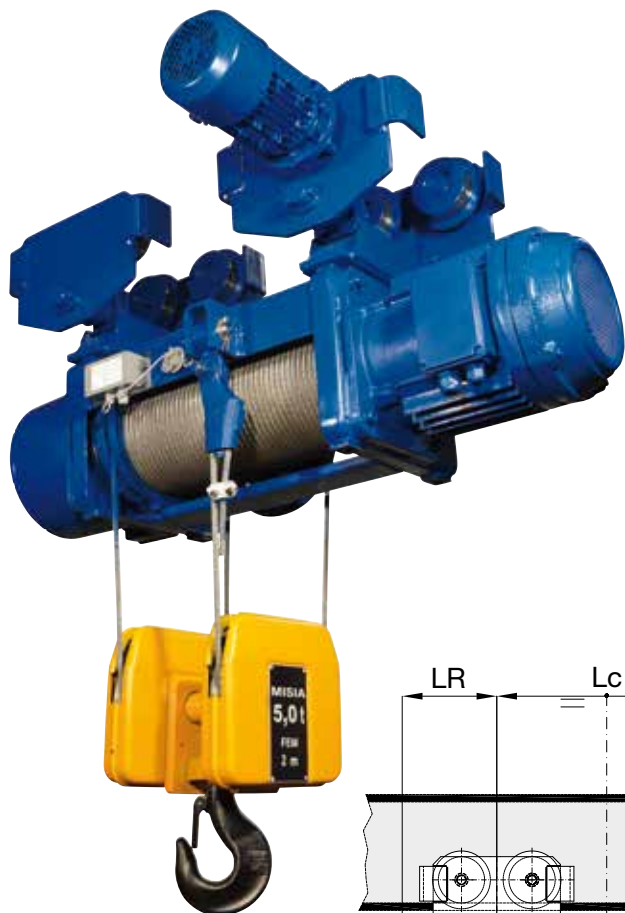
HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

Portata Capacity 2÷10 t

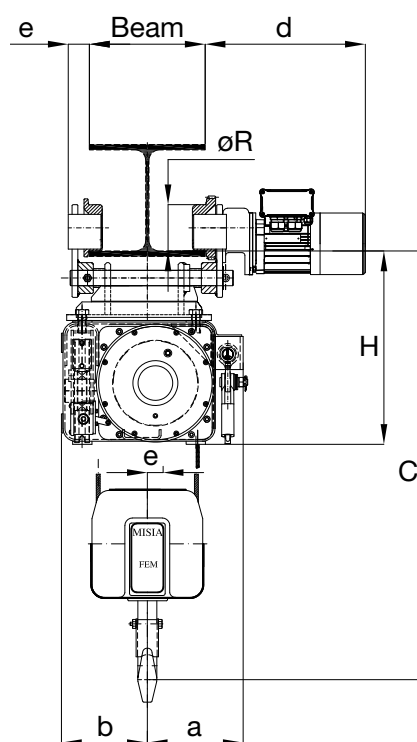
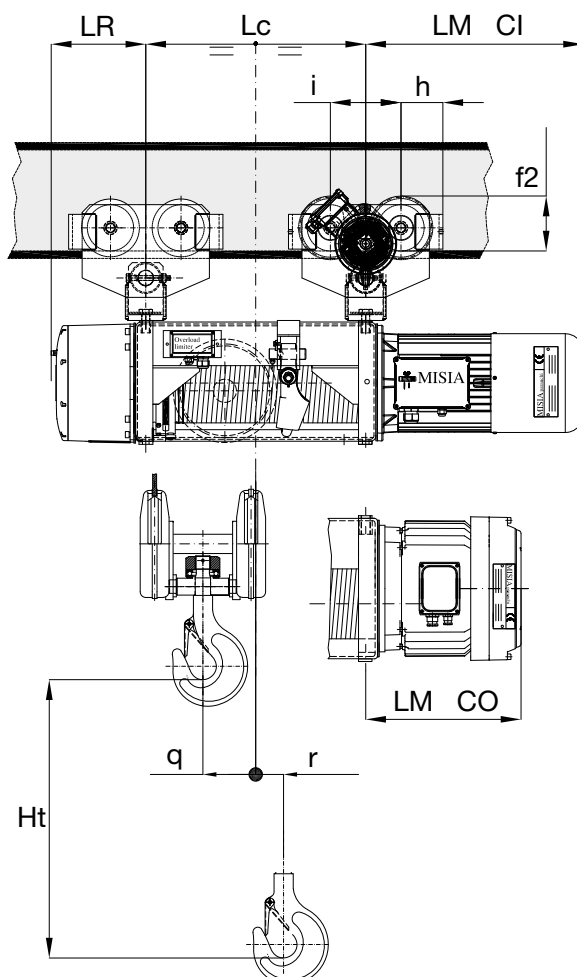
S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
120	17	35	25
140	20	40	25

R = Per single wheel





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

Portata Capacity 2÷10 t

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	d	e	øR	f2	i	h	Larghezza min ala trave Min flange width
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2000	3m	308 - 4/1	1020	500	260	240	410	60	120	145	183	110	110
3200	2m	308 - 4/1	1020	500	260	240	410	60	120	145	183	110	110
5000	2m	312 - 4/1	1120	510	260	240	410	60	120	145	183	110	110
6300	2m	316 - 4/1	1140	510	260	240	410	70	140	165	207	125	120
10000	2m	525 - 4/1	1290	560	280	265	410	70	140	165	207	125	120

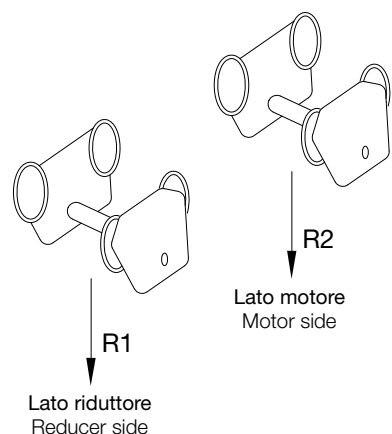
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
2000	3m	308 - 4/1	7	520	90	17	460	460	490	490	315	375	385	420	200	345
3200	2m		10	700	180	-28										360
			13	885	273	-75										380
5000	2m	312 - 4/1	7	570	84	33	460	460	490	565	375	420	420	420	250	430
			10	775	187	-20										450
			13	975	287	-70										480
6300	2m	316 - 4/1	7	570	84	33	460	565	500	565	375	/	420	/	250	520
			10	775	187	-20										540
			13	975	287	-70										570
10000	2m	525 - 4/1	7	590	73	45	600	650	600	650	415	465	460	505	270	680
			10	795	176	-8										710
			13	995	267	-58										740

Reazioni statiche Static reactions

S4 - XM 308 / 312 / 316 / 525

CARRELLI PARANCO TIPO 3 - HOIST TROLLEYS TYPE 3



Paranco Hoist type	Portata WLL	Corse gancio Hook travel					
		H7		H10		H13	
XM	Kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	2000	1529	831	1706	669	1819	576
308	2500	1865	995	2084	791	1865	995
308	3200	2336	672	2614	961	2789	806
312	4000	2827	1638	3216	1269	3445	1070
312	5000	3475	1990	3957	1528	4240	1275
316	6300	4361	2494	4966	1909	5317	1588
525	6300	4307	2733	4943	2601	5257	1843
525	8000	5367	3373	6169	2601	6563	2237
525	10000	6615	4125	7612	3158	8100	2700

Carico sulla singola ruota = $\frac{R1}{4} \quad \frac{R2}{4}$
Load on the single wheel



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

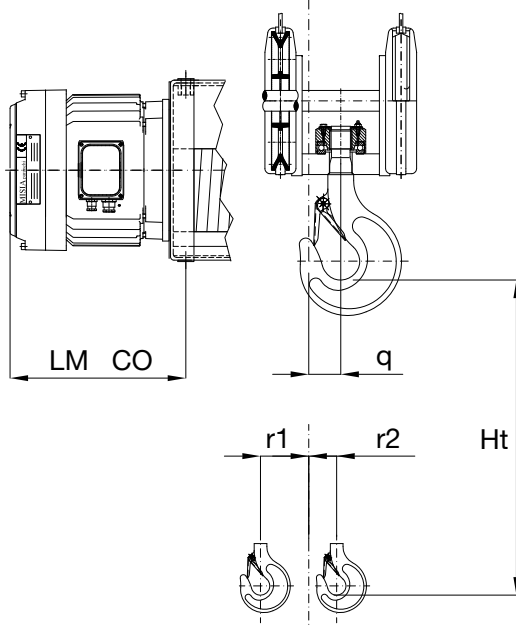
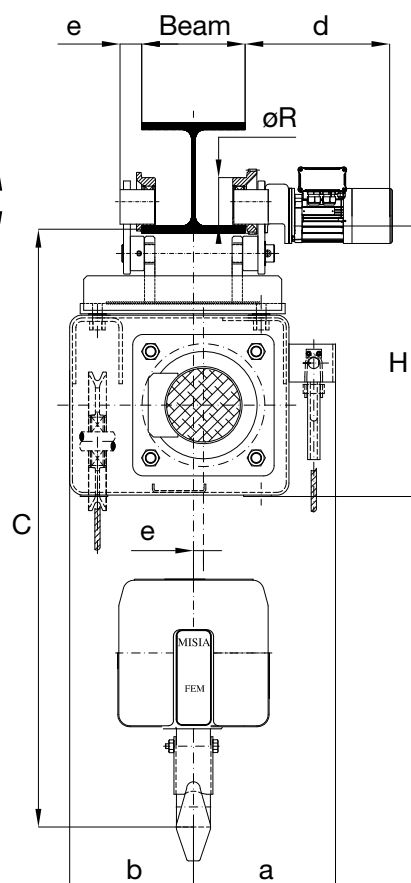
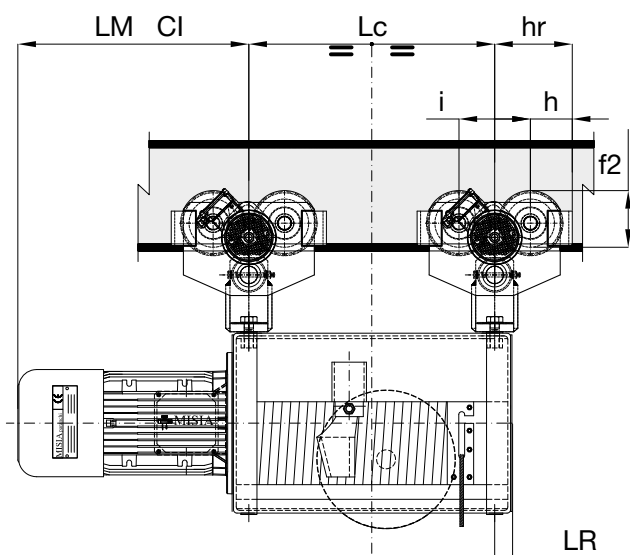
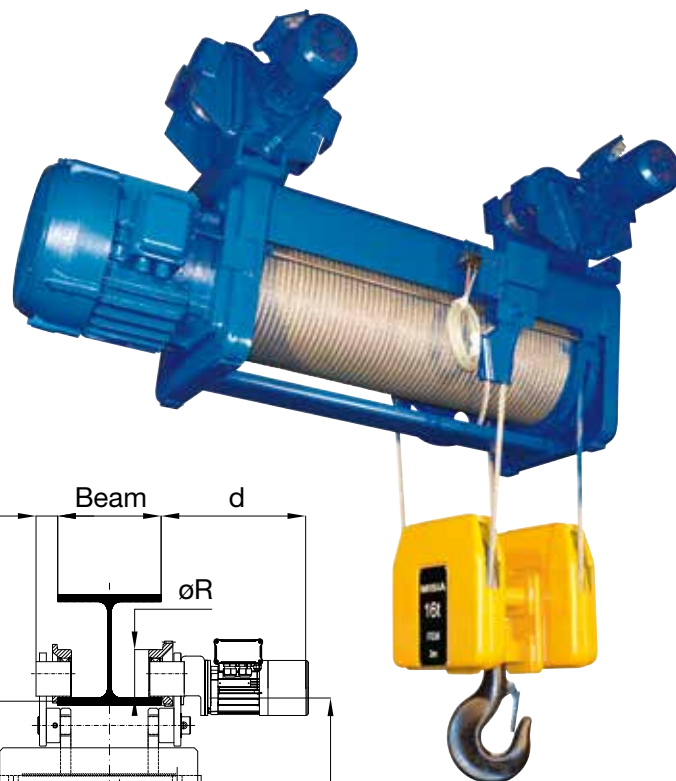
HOIST WITH MONORAIL TROLLEY

XM 740 / 750 / 963

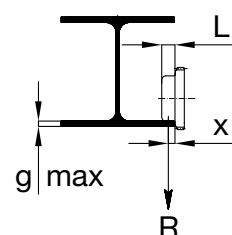
Portata Capacity 12,5÷32 t

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
140	20	40	25
210	20	40	40



R = Per single wheel



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 740 / 750 / 963

Portata Capacity 12,5÷32 t

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 3 A INGOMBRO NORMALE - STANDARD HEADROOM

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	a	b	d	e	øR	f2	i	h	Larghezza min ala trave Min flange width
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12500	3m	740 - 4/1	1600	785	415	360	410	70	160	165	207	125	150
16000	2m	740 - 4/1	1600	785	415	360	410	70	160	235	310	200	150
20000	2m	750 - 4/1	1740	910	415	360	310	140	160	235	310	200	150
20000	3m	963 - 4/1	1960	1020	470	405	310	140	210	235	310	200	150
25000	2m	963 - 4/1	1960	1020	470	405	310	140	210	235	310	200	150
32000	1Am	980 - 4/1	2040	1020	470	405	310	140	210	235	310	200	150

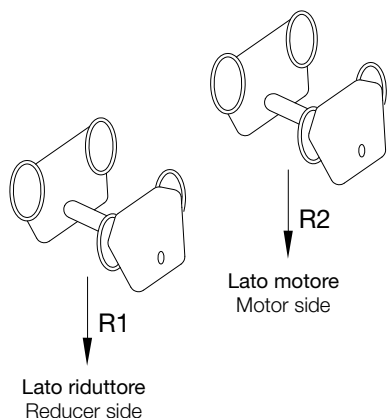
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r1	r2	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
12500	3m	740 - 4/1	6,5	563	35	71	/	670	/	670	/	480	/	520	/	45	1240
			9	713	115	31	/										1360
16000	2m		12,5	928	223	/	22										1430
		750 - 4/1	16	1143	330	/	76	670	/	670	/	480	/	520	/	45	1500
			/	/	/	/	/										/
20000	2m		9	713	115	31	/										1470
			12,5	928	223	/	22										1540
		963 - 4/1	16	1143	330	/	76	890	/	890	/	495	/	535	/	60	1690
20000	3m		10	840	130	52	/										1810
			16	1255	338	/	51										2020
		963 - 4/1	24	1755	588	/	177	890	/	890	/	495	/	535	/	60	2270
25000	2m		10	840	130	52	/										1810
			16	1255	338	/	51										2020
		980 - 4/1	24	1755	588	/	177	890	/	890	/	495	/	535	/	60	2270
32000	1Am		10	840	130	52	/										2110
			16	1255	338	/	51										2340
			24	1755	588	/	177										2560

Reazioni statiche Static reactions

S4 - XM 740 / 750 / 963

CARRELLI PARANCO TIPO 3 - HOIST TROLLEYS TYPE 3



Paranco Hoist	Portata Capacity	Corse gancio Hook travel							
		H6,5		H9		H12,5		H16	
XM	Kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	12500	7701	6132	9027	4956	10345	3708	10706	3417
740	16000	9669	7664	11342	6141	13016	4537	13466	4157
750	20000	12033	9529	14055	7557	16137	5545	16691	5061
XM	Kg	H10		H16		H32		/	
963	20000	14128	7877	16546	5669	17899	4366	/	/
963	25000	17402	9603	20393	6822	22074	5191	/	/
980	32000	22225	12217	26029	8613	28279	6613	/	/

Carico sulla singola ruota = $\frac{R1}{4}$ $\frac{R2}{4}$
Load on the single wheel



Paranchi standard **SERIE XM** XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

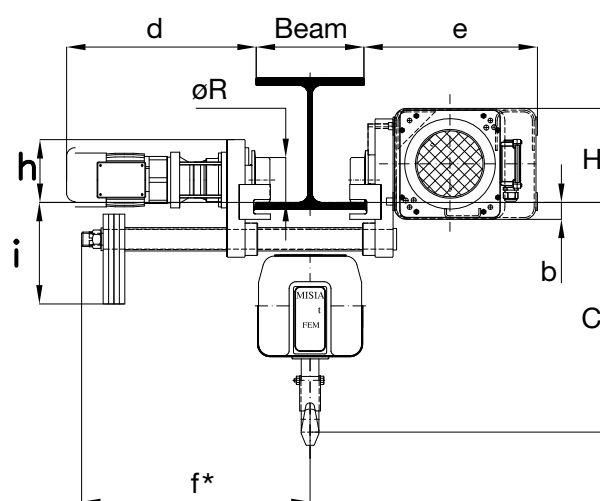
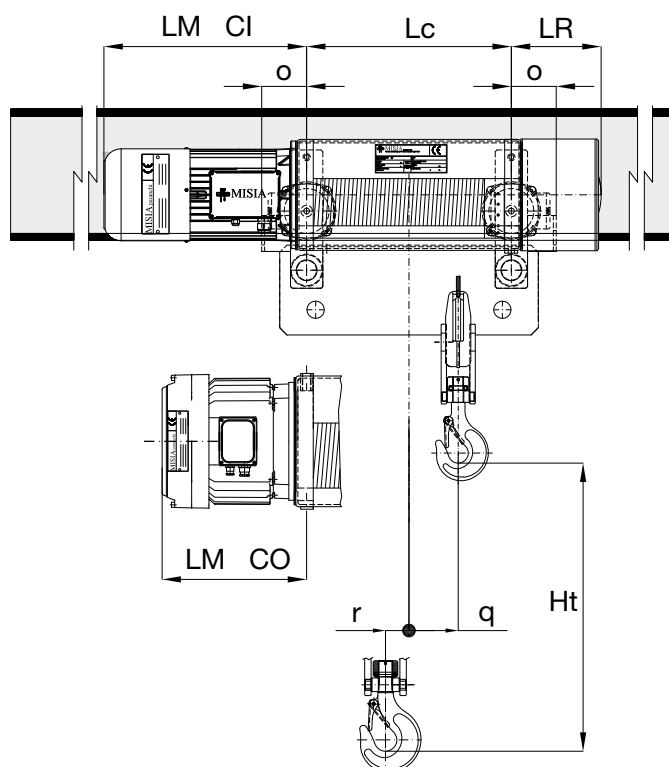
S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 83 CARRELLO MONOTRAVE A INGOMBRO RIDOTTO
MONORAIL TROLLEY LOW HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
125	20	40	28

R = Per single wheel





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 83 CARRELLO MONOTRAVE A INGOMBRO RIDOTTO
MONORAIL TROLLEY LOW HEADROOM

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	e	d	h	i	øR	b	f*	o	Larghezza min ala trave Min flange width	Larghezza max trave per quota C Max beam flange x C quote
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1000	3m	308 - 2/1	700	240	470	430	140	290	125	70	620	100	110	300
1600	2m	308 - 2/1	700	240	470	430	140	290	125	70	620	100	110	300
2500	2m	312 - 2/1	680	240	470	430	140	290	125	70	620	100	110	300
3200	2m	316 - 2/1	680	240	470	430	140	290	125	70	620	100	110	300
5000	2m	525 - 2/1	730	305	550	485	140	340	125	75	650	100	110	300

Nota: 1) Per le ali travi superiori a quelle indicate, la quota "C" (ingombro gancio) aumenta di 12 mm ogni 10 mm di larghezza ala trave.

* La quota "f" indicata è valida per ala trave di 300 mm; con ala diversa, aumenta o diminuisce di metà della differenza ala trave.

Note: 1) For beam sizes wider than those shown, the "C" dimension (hook to girder min. size) increases of 12 mm every 10 mm of wider beam size.

* The dimension "f" shown is valid for beam size 300 mm; with different beam size it increases or decreases of half of the difference of the beam size.

Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
1000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	360
			14	520	154											390
1600	2m		20	700	244											430
			26	885	377											470
2500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	435
			14	570	155											470
			20	775	258											520
			26	975	358											560
3200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	/	420	/	250	460
			14	570	155											490
			20	775	258											530
			26	975	358											580
5000	2m	525 - 2/1	10	455	90	78	600	650	600	650	415	465	460	505	270	650
			14	590	157											720
			20	795	260											760
			26	995	360											830

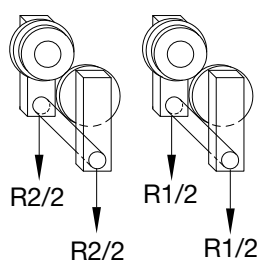
S2 - XM 308 / 312 / 316 / 525

Reazioni statiche Static reactions

CARRELLI PARANCO TIPO 83 - HOIST TROLLEYS TYPE 83

Lato motore
Motor side

Lato riduttore
Reducer side



Carico sulla singola ruota = $\frac{R1}{2}$ $\frac{R2}{2}$
Load on the single wheel = $\frac{R1}{2}$ $\frac{R2}{2}$

Paranco Hoist type	Portata WLL	Corse gancio Hook travel							
		H10		H14		H20		H26	
		R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1000	917	452	998	401	1071	368	1124	355
308	1600	1355	614	1476	523	1580	459	1652	427
312	2000	1639	814	1793	695	1941	597	2030	548
312	2500	1992	961	2179	809	2357	681	2464	614
316	3200	2497	1181	2729	979	2945	803	3081	717
525	3200	2578	1300	2833	1115	3050	938	3197	861
525	4000	3136	1542	3446	1302	3711	1077	3886	1844
525	5000	3834	1844	4212	1536	4538	1250	4748	1110



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

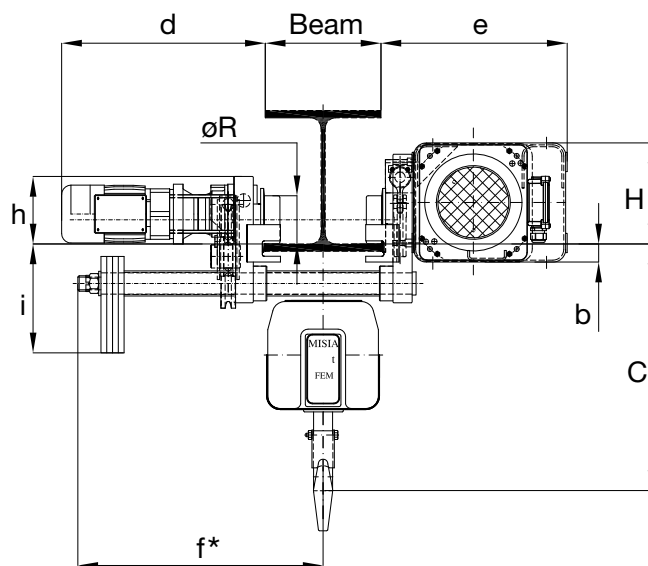
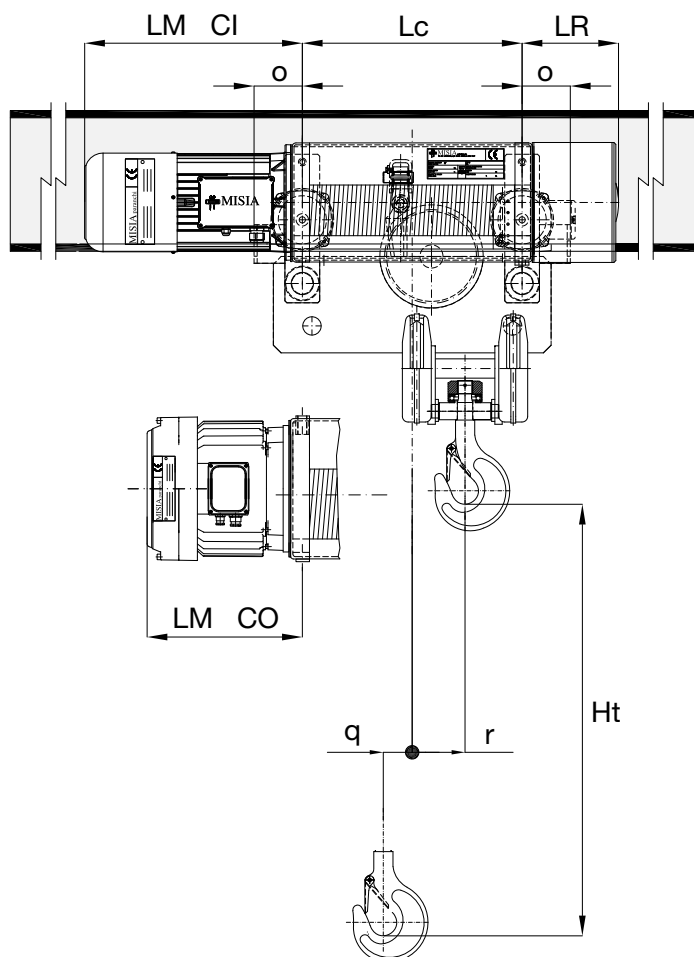
S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)

Tipo 83 CARRELLO MONOTRAVE A INGOMBRO RIDOTTO
MONORAIL TROLLEY LOW HEADROOM



Diametro ruota Wheel diameter	x	L	g max
mm	mm	mm	mm
125	20	40	28
155	22	45	28

R = Per single wheel





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)
Tipo 83 CARRELLO MONOTRAVE A INGOMBRO RIDOTTO
 MONORAIL TROLLEY LOW HEADROOM

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C	H	e	d	h	i	øR	b	f*	o	Larghezza min ala trave Min flange width	Larghezza max trave per quota C Max beam flange x C quote
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2000	3m	308 - 4/1	680	245	470	430	140	290	125	66	620	100	110	300
3200	2m	308 - 4/1	680	245	470	430	140	290	125	66	620	100	110	300
5000	2m	312 - 4/1	620	245	470	475	140	290	125	66	650	100	110	300
6300	2m	316 - 4/1	640	270	485	530	175	290	125	50	650	125	110	300
10000	2m	525 - 4/1	700	305	525	535	175	320	155	50	750	125	110	300

Nota: 1) Per le ali travi superiori a quelle indicate, la quota "C" (ingombro gancio) aumenta di 12 mm ogni 10 mm di larghezza ala trave.

* La quota "f" indicata è valida per ala trave di 300 mm; con ala diversa, aumenta o diminuisce di metà della differenza ala trave.

Note: 1) For beam sizes wider than those shown, the "C" dimension (hook to girder min. size) increases of 12 mm every 10 mm of wider beam size.

* The dimension "f" shown is valid for beam size 300 mm; with different beam size it increases or decreases of half of the difference of the beam size.

Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
2000	3m	308 - 4/1	7	520	90	17	460	460	490	490	315	375	385	420	200	420
			10	700	180	-28										460
3200	2m		13	885	273	-75										500
		312 - 4/1	7	570	84	33	460	460	490	565	375	420	420	420	250	530
5000	2m		10	775	187	-20										590
			13	975	287	-70										630
		316 - 4/1	7	570	84	33	460	565	500	565	375	/	420	/	250	550
6300	2m		10	775	187	-20										600
			13	975	287	-70										650
		525 - 4/1	7	590	73	45	600	650	600	650	415	465	460	505	270	800
10000	2m		10	795	176	-8										870
			13	995	267	-58										930

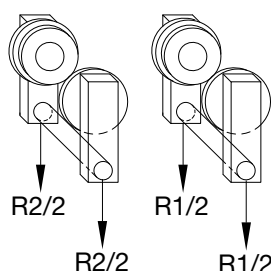
Reazioni statiche Static reactions

S4 - XM 308 / 312 / 316 / 525

CARRELLI PARANCO TIPO 83 - HOIST TROLLEYS TYPE 83

Lato motore
Motor side

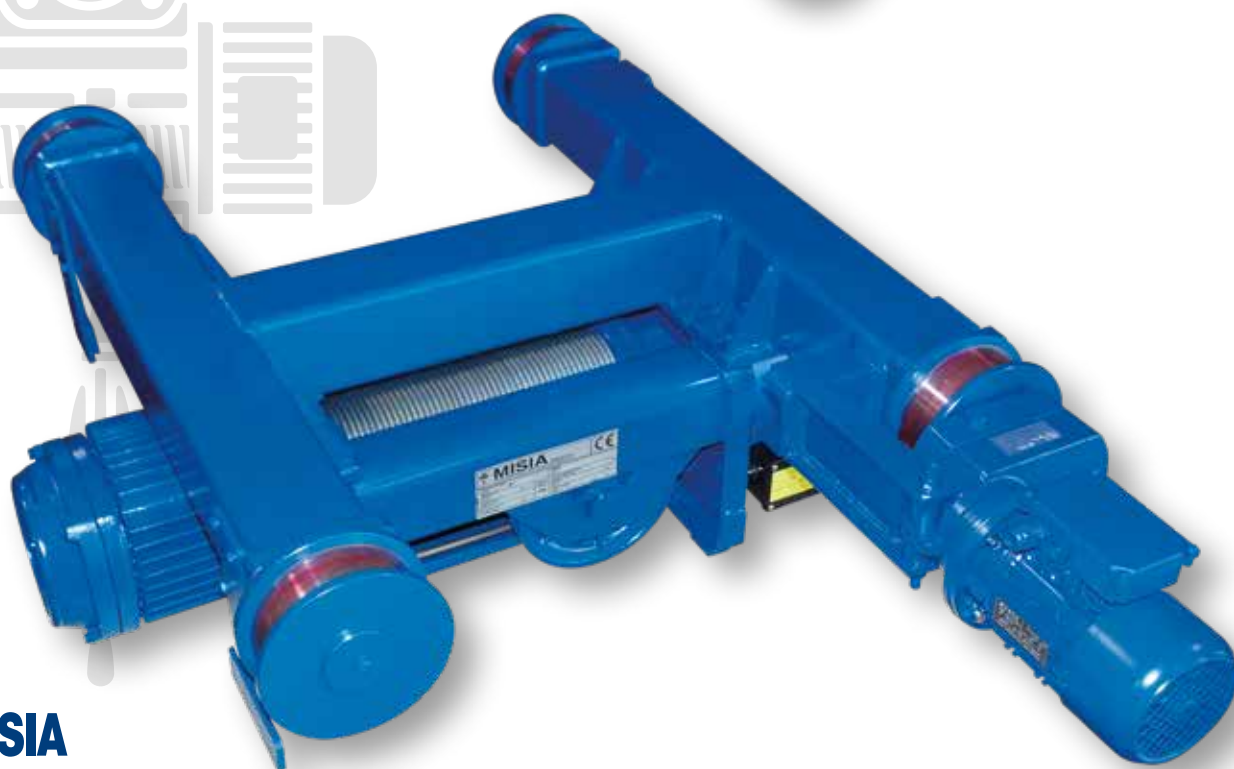
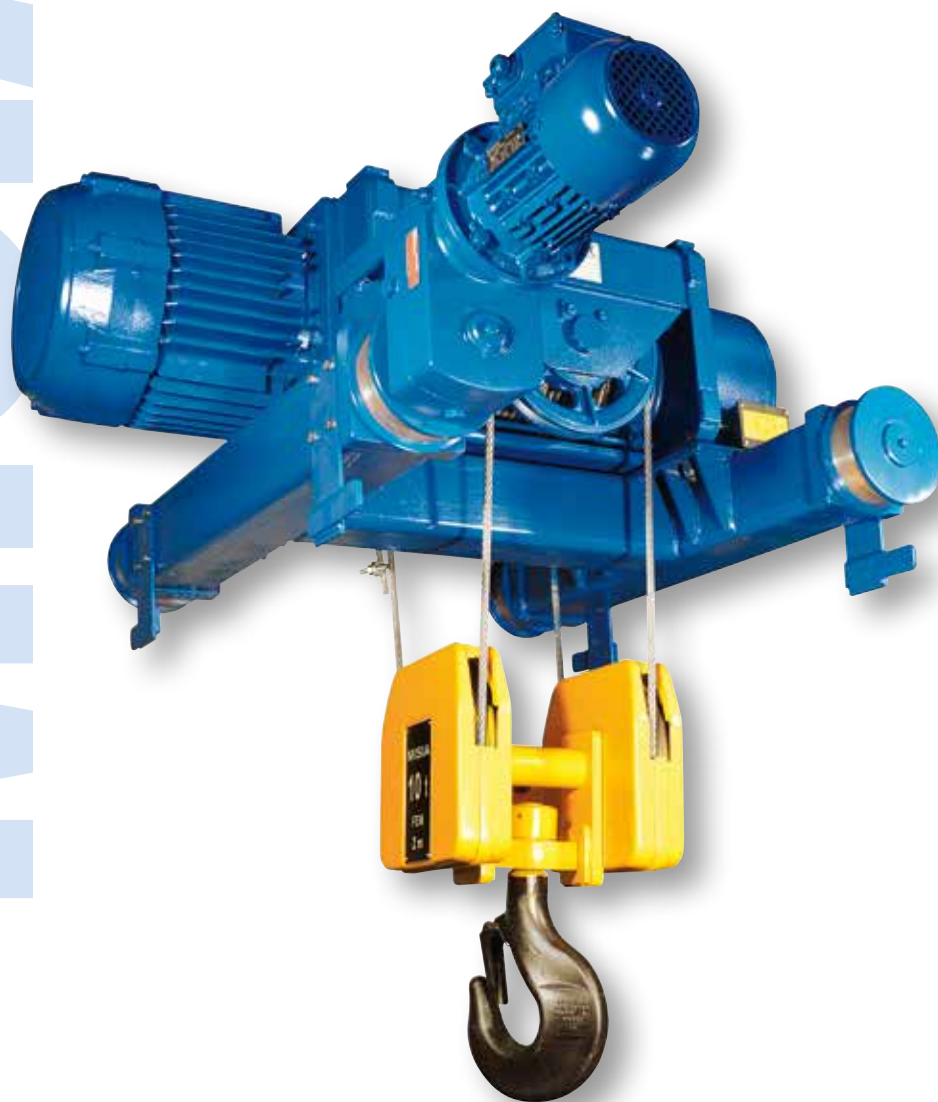
Lato riduttore
Reducer side



Carico sulla singola ruota = $\frac{R1}{2}$ $\frac{R2}{2}$
 Load on the single wheel = $\frac{R1}{2}$ $\frac{R2}{2}$

Paranco Hoist type	Portata WLL	Corse gancio Hook travel					
		H7		H10		H13	
		R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	2000	1566	869	2513	962	1879	636
308	2500	1903	1032	2134	841	2283	732
308	3200	2374	1261	2664	1011	3496	1019
312	4000	2874	1686	3282	1338	3516	1144
312	5000	3521	2039	4024	1596	4311	1349
316	6300	4376	2509	4996	1939	5357	1628
525	6300	4361	2789	4992	2228	5344	1936
525	8000	5421	3429	6212	2708	6650	2330
525	10000	6668	4182	7647	3273	8187	2793

MISIA

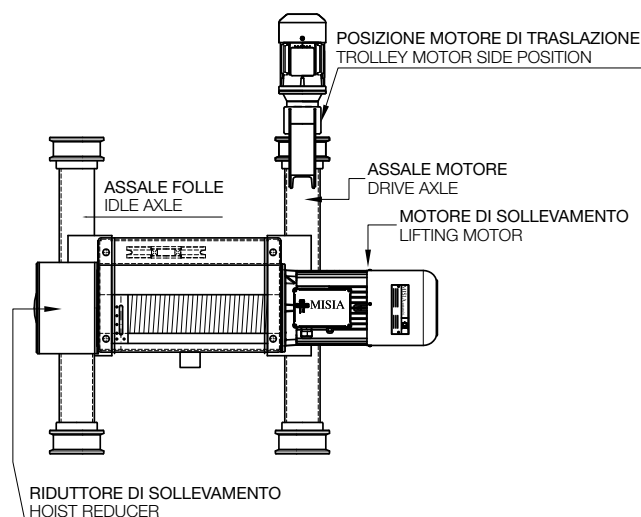


Carrelli bitrave
Birail trolley

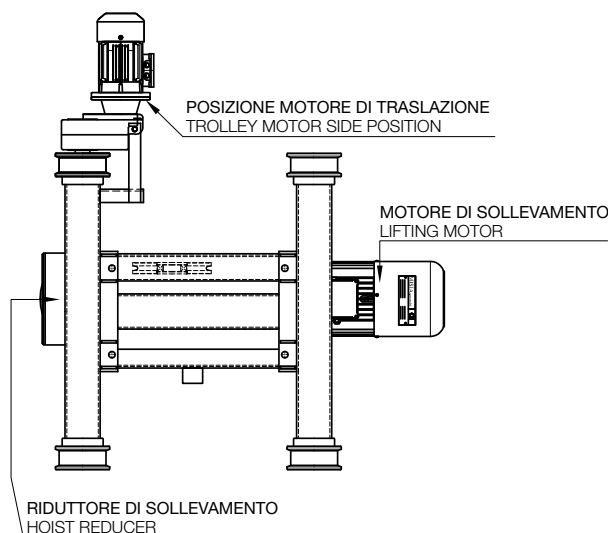
Paranchi standard **SERIE XM** XM SERIES standard hoists

POSIZIONE MOTORIDUTTORE PARANCHI GRANDEZZA DA 308 A 525 MOTOREDUCTER POSITION FOR HOIST SIZE FROM 308 TO 525

PARANCHI IN VERSIONE APPOGGIATA HOIST VERSION SUPPORTED

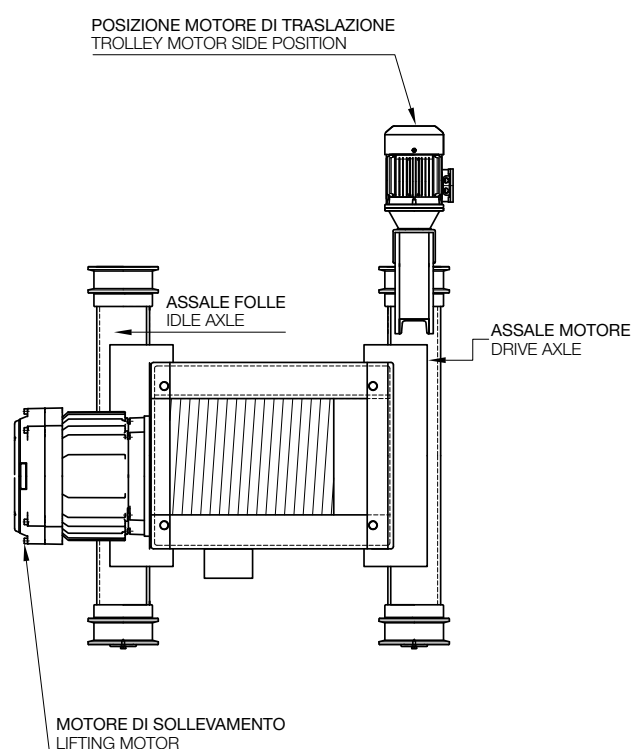


PARANCHI IN VERSIONE SOSPESA C1 HOIST VERSION SUSPENDED C1

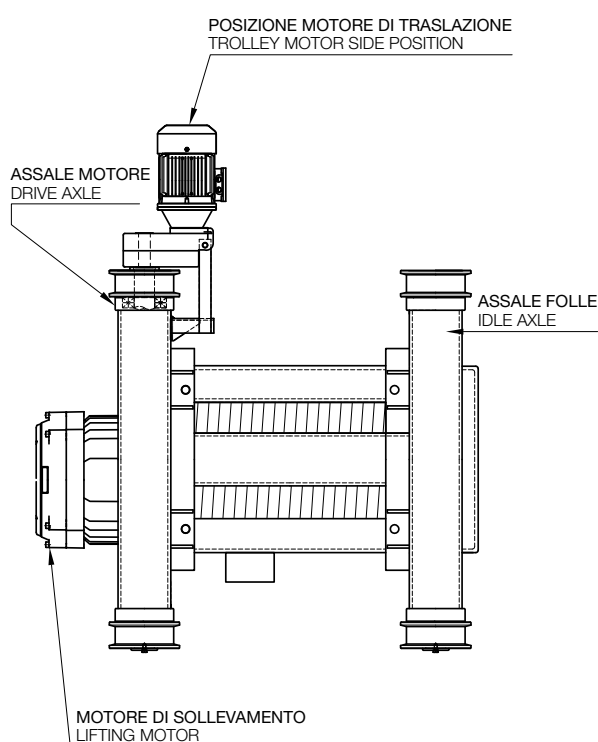


POSIZIONE MOTORIDUTTORE PARANCHI GRANDEZZA DA 740 A 1125 MOTOREDUCTER POSITION FOR HOIST SIZE FROM 740 TO 1125

PARANCHI IN VERSIONE APPOGGIATA HOIST VERSION SUPPORTED



PARANCHI IN VERSIONE SOSPESA C1 HOIST VERSION SUSPENDED C1





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

XM 308 / 312 / 316 / 525

S2

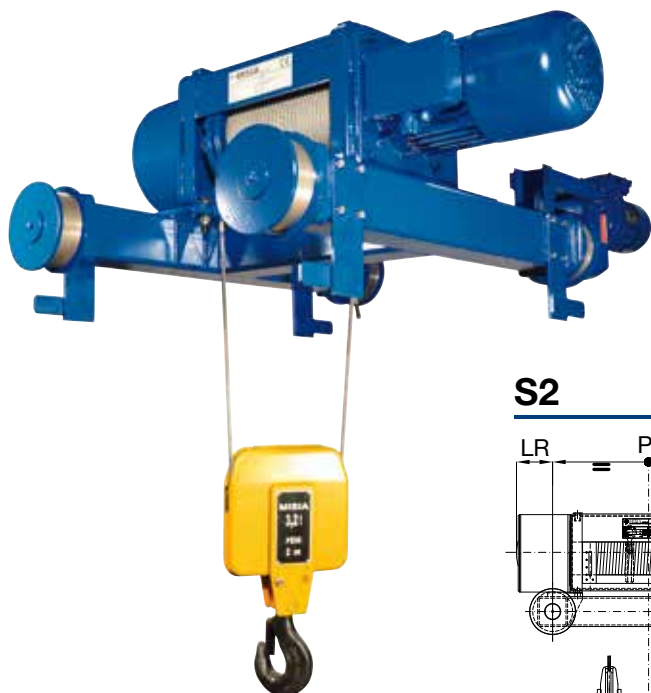
2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)

Tipo 53

CARRELLO BITRAVE CON PARANCO APPOGGIATO
BIRAIL TROLLEY HOIST SUPPORTED

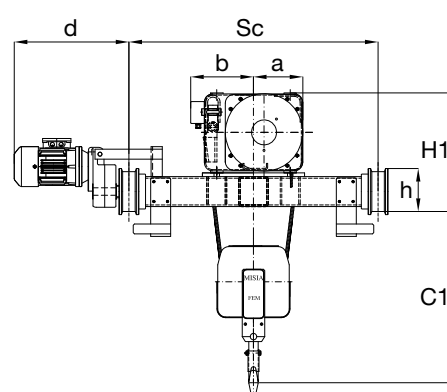
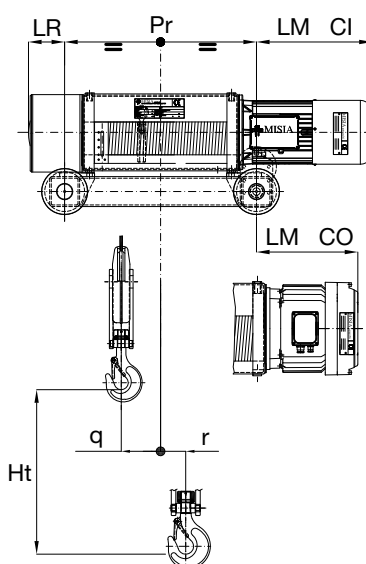
Tipo 53C1

CARRELLO BITRAVE CON PARANCO SOSPESO
BIRAIL TROLLEY HOIST SUSPENDED



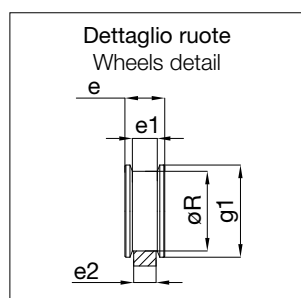
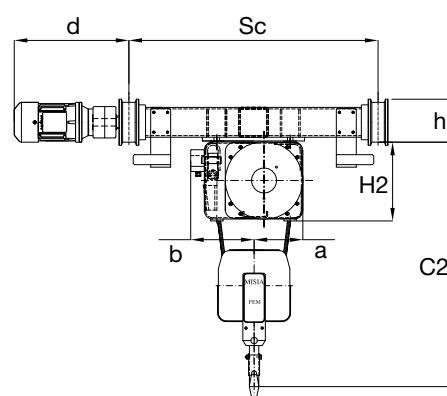
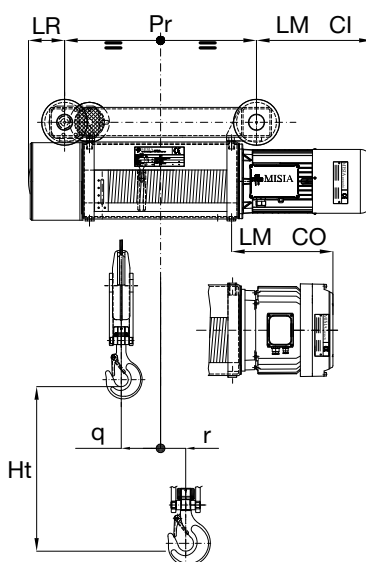
S2

Tipo 53



S2

Tipo 53C1





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

XM 308 / 312 / 316 / 525

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)
Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
 BIRAIL TROLLEY HOIST SUPPORTED
Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
 BIRAIL TROLLEY HOIST SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	øR	e	e1	e2	g1
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1000	3m	308 - 2/1	570	900	1000	490	320	240	250	460	175	160	80	50	40	185
1600	2m	308 - 2/1	570	900	1000	490	320	240	250	460	175	160	80	50	40	185
2500	2m	312 - 2/1	640	965	1000	490	320	240	250	460	175	160	80	50	40	185
3200	2m	316 - 2/1	640	965	1000	490	320	240	250	460	175	160	80	50	40	185
5000	2m	525 - 2/1	730	1110	1000	550	390	250	275	520	175	160	80	50	40	185

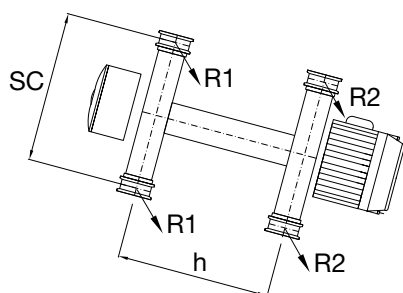
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Pr	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
1000	3m	308 - 2/1	10	595	91	61	460	460	490	490	315	375	385	420	200	390
			14	720	154											425
1600	2m		20	900	244											450
			26	1085	377											470
2500	2m	312 - 2/1	10	640	90	77	460	460	490	565	375	420	420	420	250	460
			14	770	155											500
			20	975	258											520
			26	1175	358											550
3200	2m	316 - 2/1	10	640	90	77	460	565	500	565	375	/	420	/	250	470
			14	770	155											510
			20	975	258											540
			26	1175	358											570
5000	2m	525 - 2/1	10	655	90	78	600	650	600	650	415	465	460	505	270	640
			14	790	157											680
			20	995	260											720
			26	1195	360											750

Reazioni statiche Static reactions

S2 - XM 308 / 312 / 316 / 525

CARRELLI PARANCO TIPO 53 / 53C1 - HOIST TROLLEYS TYPE 53 / 53C1



Carico sulla singola ruota = $\frac{R1}{2}$ $\frac{R2}{2}$
 Load on the single wheel = $\frac{R1}{2}$ $\frac{R2}{2}$

Paranco Hoist type	Portata WLL	Corse gancio Hook travel							
		H10		H14		H20		H26	
XM	Kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1000	458	242	467	251	502	228	527	213
308	1600	672	328	681	337	733	297	770	270
312	2000	823	417	833	427	927	393	950	335
312	2500	998	491	1008	501	1118	452	1151	384
316	3200	1246	598	1256	608	1366	514	1437	457
525	3200	1292	642	1298	656	1409	566	1481	509
525	4000	1573	762	1578	777	1714	661	1801	588
525	5000	1923	911	1927	928	2094	780	2202	687



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

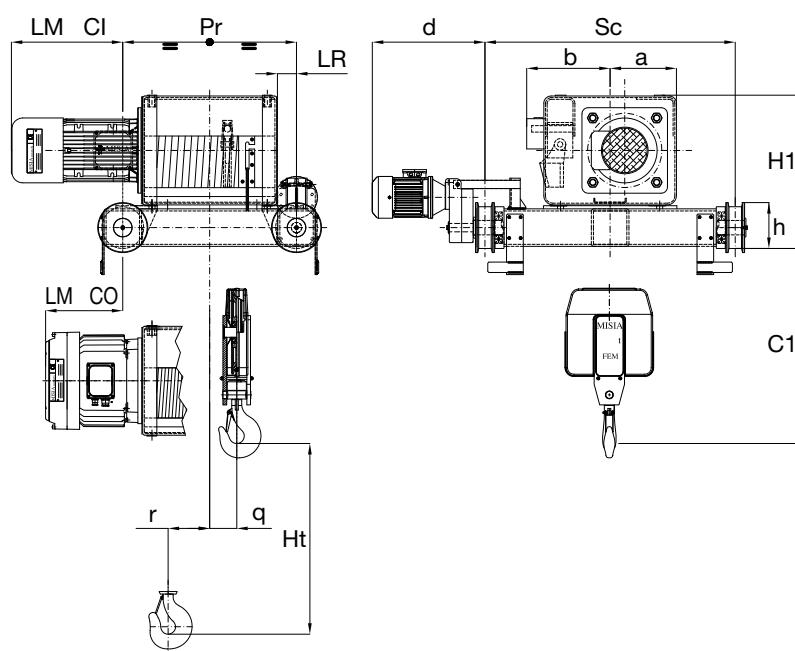
XM 740 / 750 / 963 / 980 / 1100 / 1125

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)
Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
 BIRAIL TROLLEY HOIST SUPPORTED
Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
 BIRAIL TROLLEY HOIST SUSPENDED



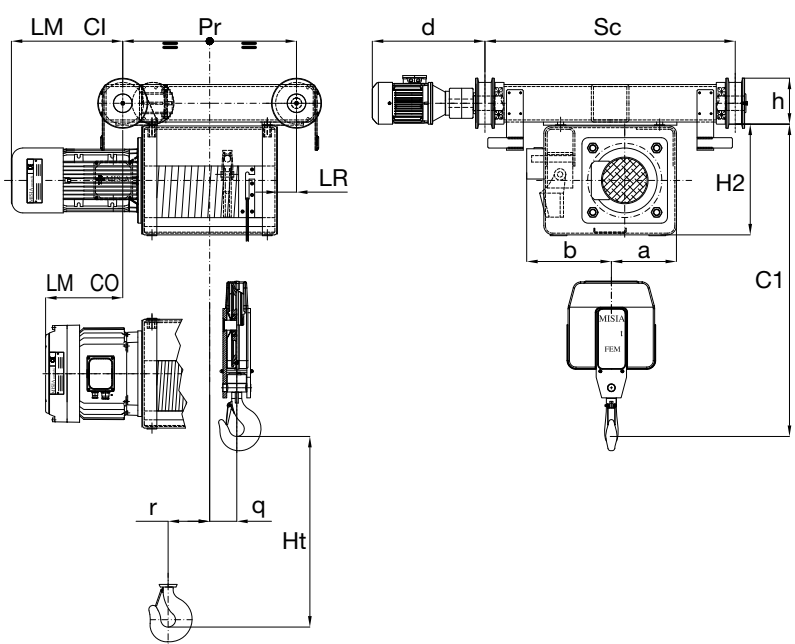
S2

Tipo 53

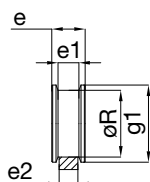


S2

Tipo 53C1



Dettaglio ruote
Wheels detail





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

XM 740 / 750 / 963 / 980 / 1100 / 1125

S2 2 TIRI DI FUNE (2/1) - 2 ROPE FALLS (2/1)
Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
 BIRAIL TROLLEY HOIST SUPPORTED
Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
 BIRAIL TROLLEY HOIST SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	øR	e	e1	e2	g1
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6300	3m	740 - 2/1	840	1370	1200	740	535	320	405	540	220	200	90	60	50	240
8000	2m	740 - 2/1	840	1370	1200	740	535	320	405	540	220	200	90	60	50	240
10000	2m	750 - 2/1	950	1370	1200	740	535	320	405	630	220	200	90	60	50	240
10000	3m	963 - 2/1	1100	1700	1450	880	615	370	450	630	270	250	90	60	50	290
12500	2m	963 - 2/1	1100	1700	1450	880	615	370	450	630	270	250	90	60	50	290
16000	1Am	980 - 2/1	1100	1750	1450	880	615	370	450	630	270	250	90	60	50	290
20000	2m	1100 - 2/1	1330	/	1450	1060	/	480	500	660	345	320	120	90	80	370
25000	1Am	1125 - 2/1	1330	/	1450	1060	/	480	500	660	345	320	120	90	80	370

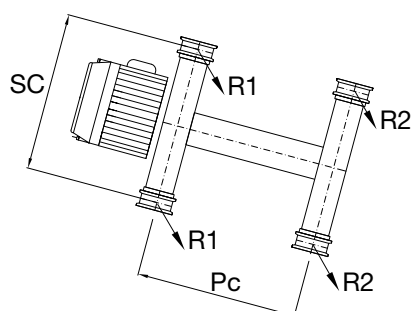
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Pr	q	r	LMCI				LMCO				LR	Peso Weight									
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg									
6300	3m	740 - 2/1	13	843	130	83	670	/	670	/	480	/	520	/	45	1185									
8000	2m		18	993	160	133										1230									
			25	1208	268											1305									
			32	1423	375											1390									
10000	2m	750 - 2/1	13	843	130	83										760	/	760	/	495	/	535	/	60	1200
			18	993	160	133																			1250
			25	1208	268																				1330
			32	1423	375																				1500
10000	3m	963 - 2/1	20	1160	230	134	760	/	760	/	495	/	535	/	60										1780
			32	1575	438																				2010
			48	2075	688																				2300
12500	2m	963 - 2/1	20	1160	230	134	760	/	760	/	495	/	535	/	60										1780
			32	1575	438											2010									
			48	2075	688											2300									
16000	1Am	980 - 2/1	20	1160	230	134	760	/	760	/	495	/	535	/	60	2020									
			32	1575	438											2250									
			48	2075	688											2600									
20000	2m	1100 - 2/1	22	1337	305	100	850	/	860	/	555	/	585	/	150	4160									
			28	1522	400											4265									
			36	1762	520											4520									
			52	2272	775											4900									
25000	1Am	1125 - 2/1	22	1337	305	100	850	/	860	/	555	/	585	/	150	4160									
			28	1522	400											4265									
			36	1762	520											4520									
			52	2272	775											4900									

Reazioni statiche Static reactions

S2 -XM 740 / 750 / 963 / 980 / 1100 / 1125

CARRELLI PARANCO TIPO 53 / 53C1 - HOIST TROLLEYS TYPE 53 / 53C1



Paranco Hoist	Portata Capacity	Corse gancio Hook travel							
		H13		H18		H25		H32	
		R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
XM	Kg								
740	6300	2397	1407	2431	1396	2709	1155	2800	1107
740	8000	2954	1701	2993	1684	3340	1375	3449	1308
750	10000	3612	2050	3659	2028	4088	1639	4240	1572
XM	Kg	H20		H32		H48		/	
963	10000	4004	1983	4469	1634	4814	1434	/	/
963	12500	4877	2360	5441	1911	5853	1644	/	/
980	16000	6207	2969	6917	2375	7441	2026	/	/
XM	Kg	H20		H24		H30		H44	
1100	20000	8311	3749	8634	3481	9081	3179	9709	2888
1125	25000	10132	4428	10530	4085	11069	3691	11812	3286



Paranchi standard SERIE XM

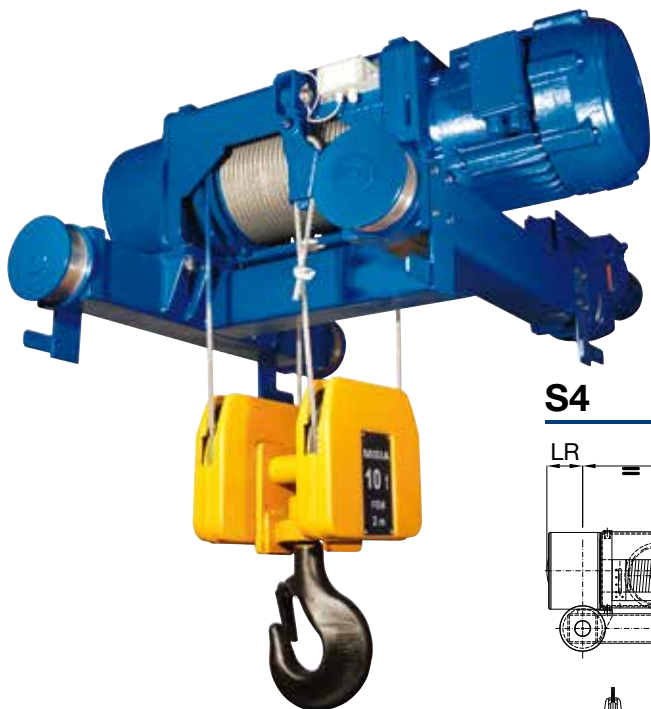
XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

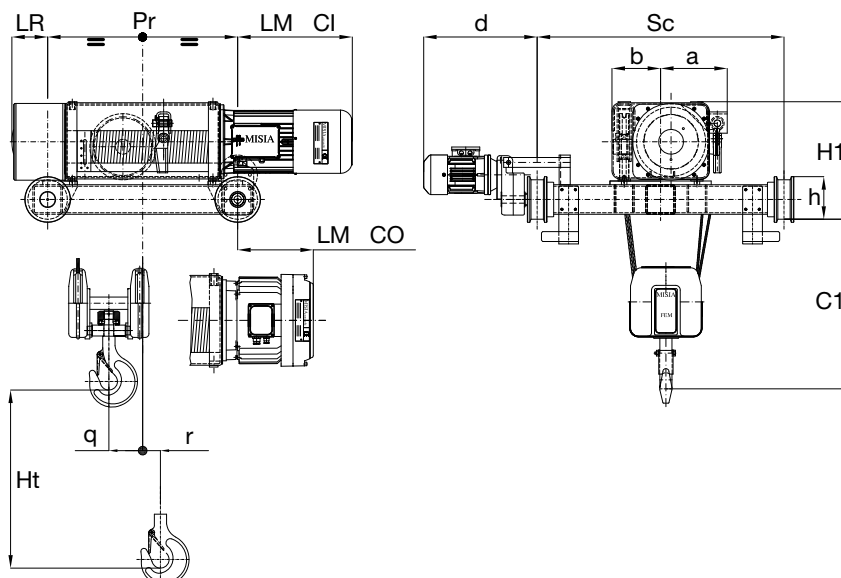
XM 308 / 312 / 316 / 525

- S4** 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (2/1)
Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
 BIRAIL TROLLEY HOIST SUPPORTED
Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
 BIRAIL TROLLEY HOIST SUSPENDED



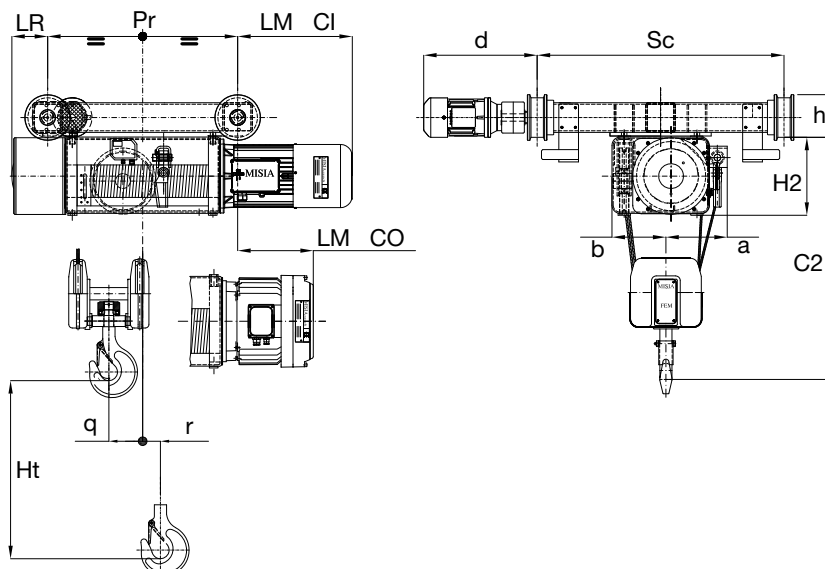
S4

Tipo 53

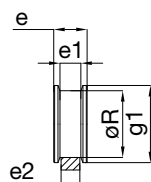


S4

Tipo 53C1



Dettaglio ruote
Wheels detail





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

XM 308 / 312 / 316 / 525

S4

4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (2/1)

Tipo 53

CARRELLO BITRAVE CON PARANCO APPOGGIATO
BIRAIL TROLLEY HOIST SUPPORTED

Tipo 53C1

CARRELLO BITRAVE CON PARANCO SOSPESO
BIRAIL TROLLEY HOIST SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	øR	e	e1	e2	g1
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2000	3m	308 - 4/1	520	845	1000	490	320	255	220	460	175	160	80	50	40	185
3200	2m	308 - 4/1	520	845	1000	490	320	255	220	460	175	160	80	50	40	185
5000	2m	312 - 4/1	590	920	1000	490	320	255	220	460	175	160	80	50	40	185
6300	2m	316 - 4/1	640	965	1000	490	320	255	220	460	175	160	80	50	40	185
10000	2m	525 - 4/1	750	1030	1000	550	390	275	250	520	175	160	80	50	40	185

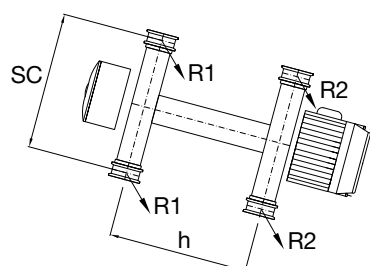
Dimensioni variabili Variable dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Pr	q	r	LMCI				LMCO				LR	Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA		Kg
2000	3m	308 - 4/1	7	720	90	17	460	460	490	490	315	375	385	420	200	450
			10	900	180	-28										460
3200	2m		13	1085	273	-75										485
		312 - 4/1	7	770	84	33	460	460	490	565	375	420	420	420	250	530
5000	2m		10	975	187	-20										560
			13	1175	287	-70										600
		316 - 4/1	7	770	84	33	460	565	500	565	375	/	420	/	250	550
6300	2m		10	975	187	-20										570
			13	1175	287	-70										610
		525 - 4/1	7	790	73	45	600	650	600	650	415	465	460	505	270	690
10000	2m		10	995	176	-8										730
			13	1195	267	-58										770

S4 - XM 308 / 312 / 316 / 525

Reazioni statiche Static reactions

CARRELLI PARANCO TIPO 53 / 53C1 - HOIST TROLLEYS TYPE 53 / 53C1



Paranco Hoist type	Portata WLL	Corse gancio Hook travel					
		H7		H10		H13	
		R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	2000	742	491	821	417	879	372
308	2500	888	595	976	512	1042	458
308	3200	1104	729	1216	622	1299	552
312	4000	1360	920	1534	761	1650	666
312	5000	1658	1123	1870	925	2012	804
316	6300	2058	1385	2322	1131	2497	976
525	6300	2054	1467	2332	1209	2490	1071
525	8000	2538	1833	2909	1482	3175	1235
525	10000	2392	1979	3757	1634	4056	1354



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

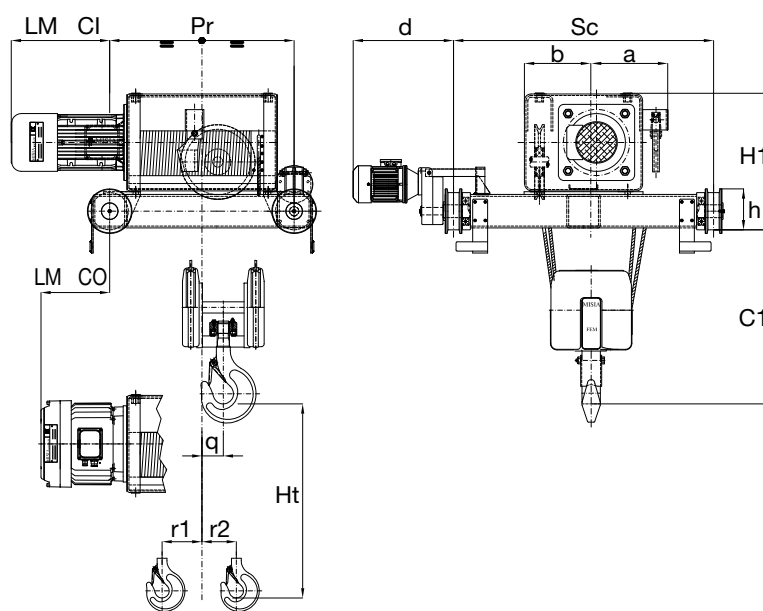
XM 740 / 750 / 963 / 980 / 1100 / 1125

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)
Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
 BIRAIL TROLLEY HOIST SUPPORTED
Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
 BIRAIL TROLLEY HOIST SUSPENDED



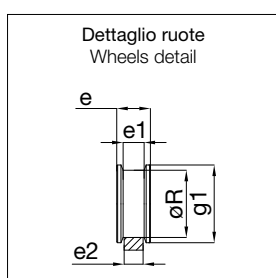
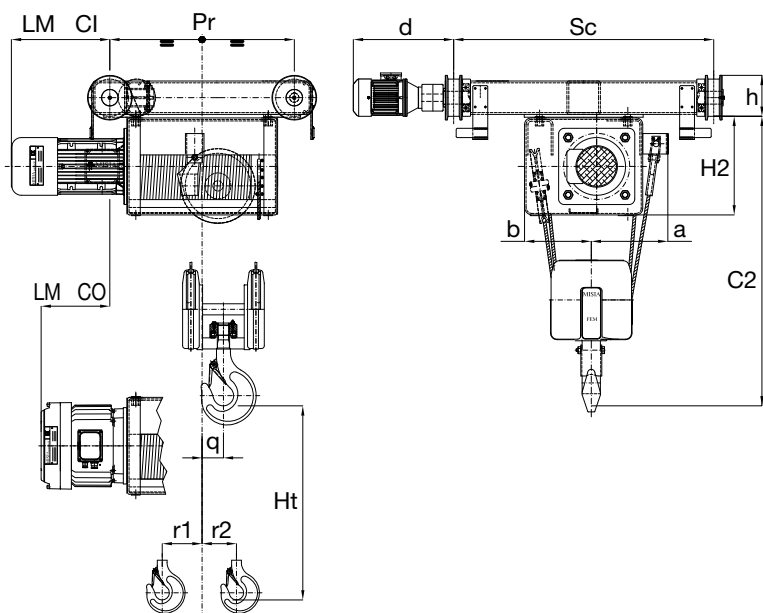
S4

Tipo 53



S4

Tipo 53C1





Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

XM 740 / 750 / 963 / 980 / 1100 / 1125

S4 4 TIRI DI FUNE (4/1) - 4 ROPE FALLS (4/1)
Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
 BIRAIL TROLLEY HOIST SUPPORTED
Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
 BIRAIL TROLLEY HOIST SUSPENDED

Dimensioni fisse Fixed dimensions

Portata WLL	Gruppo Group	Paranco Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	øR	e	e1	e2	g1
Kg	FEM	XM	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12500	3m	740 - 4/1	830	1360	1200	740	535	360	340	540	220	200	90	60	50	240
16000	2m	740 - 4/1	830	1360	1200	740	535	360	340	540	220	200	90	60	50	240
20000	2m	750 - 4/1	850	1380	1450	770	535	360	340	630	270	250	90	60	50	290
20000	3m	963 - 4/1	1000	1750	1450	880	620	435	430	630	270	250	90	60	50	290
25000	2m	963 - 4/1	1000	1750	1450	880	620	435	430	630	270	250	90	60	50	290
32000	1Am	980 - 4/1	1180	1800	1450	1180	600	450	320	660	345	320	100	70	60	370
40000	2m	1100 - 4/1	1270	/	2000	1270	/	660	500	660	345	320	120	90	80	370
50000	1Am	1125 - 4/1	1270	/	2000	1270	/	660	500	660	345	320	120	90	80	370

Dimensioni variabili Variable dimensions

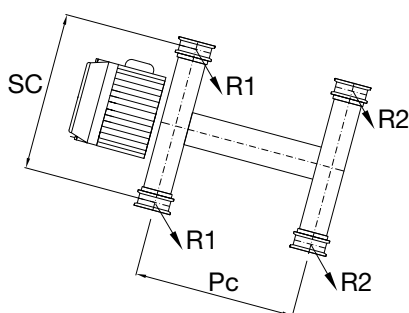
Portata WLL	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Pr	q	r1	r2	LMCI				LMCO				Peso Weight
Kg	FEM	XM	m	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	Kg
16000	2m	740 - 4/1	6,5	843	35	71	/	670	/	670	/	480	/	520	/	1240
			9	993	115	31	/									1360
			12,5	1208	223	/	22									1430
			16	1423	330	/	76									1500
20000	2m	750 - 4/1	6,5	883	38	69	/	670	/	670	/	480	/	520	/	1630
			9	1033	115	31	/									1690
			12,5	1248	223	/	22									1780
			16	1463	330	/	76									1850
20000	3m	963 - 4/1	10	1160	130	52	/	760	/	760	/	495	/	535	/	1900
			16	1575	338	/	51									2140
			24	2075	588	/	177									2420
25000	2m	963 - 4/1	10	1160	130	52	/	760	/	760	/	495	/	535	/	1900
			16	1575	338	/	51									2140
			24	2075	588	/	177									2420
32000	1Am	980 - 4/1	10	1180	130	52	/	760	/	760	/	495	/	535	/	2500
			16	1595	338	/	51									2740
			24	2095	588	/	177									3025
40000*	2m	1100 - 4/1	11	1437	193	12	/	850	/	860	/	555	/	585	/	4470
			14	1622	285	/	35									4600
			18	1862	405	/	95									4890
			26	2372	660	/	222									5600
50000*	1Am	1125 - 4/1	11	1437	193	12	/	850	/	860	/	555	/	585	/	4470
			14	1622	285	/	35									4600
			18	1867	405	/	95									4890
			26	2372	660	/	222									5600

* Solo in versione appoggiata / Only supported version

Reazioni statiche Static reactions

S4 - XM 740 / 750 / 963 / 980 / 1100 / 1125

CARRELLI PARANCO TIPO 53 / 53C1 - HOIST TROLLEYS TYPE 53 / 53C1



Paranco Hoist	Portata Capacity	Corse gancio Hook travel							
		H6,5		H9		H12,5		H16	
XM	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	12500	3700	3170	4178	2718	4732	2194	4937	2013
740	16000	4649	3972	5256	3390	5959	2717	6218	2482
750	20000	5733	4888	6487	4158	7361	3314	7682	3018
XM	kg	H10		H16		H24		/	
963	20000	6613	4357	7690	3370	8437	2733	/	/
963	25000	8147	5331	9484	4089	10402	3279	/	/
980	32000	10290	6688	11985	5088	13143	4037	/	/
XM	kg	H10		H12		H15		H22	
1100	40000	11013	11349	11648	10779	12310	10262	13347	9580
1125	50000	13471	13891	14256	13171	15065	12507	16315	11612





Corse gancio lunghe
High lifting height



Paranchi speciali SERIE XML XML SERIES special hoists

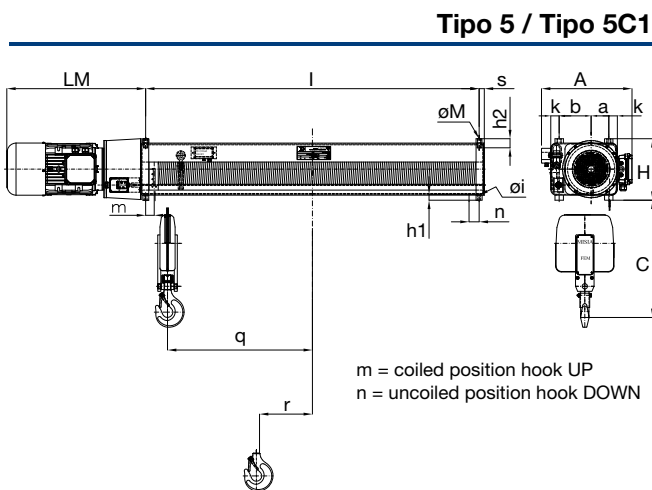
PARANCO A PIEDINI FOOT MOUNTED HOIST

PARANCHI SPECIALI S2 - A 2 TIRI DI FUNE (2/1) CORSE GANCIO LUNGHE

SPECIAL HOIST S2 - 2 ROPE FALLS (2/1)
HIGH LIFTING HEIGHT

Tipo 5 APPOGGIATO - SUPPORTED

Tipo 5C1 SOSPESO - SUSPENDED



Dimensioni fisse Fixed dimensions

Portata max WLL max	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C	H	A	a	b	a+b	s	e	K	øi	øM	h1	h2	m	m
kg	FEM	XML		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1600	2m	308	2/1	570	370	450	105	190	295	27	40	50	17	M20	40	54	48	56
2500	2m	312	2/1	640	370	450	105	190	295	27	40	50	17	M20	40	54	48	56
3200	2m	316	2/1	640	370	450	105	190	295	27	40	50	17	M20	40	54	48	56
5000	2m	525	2/1	730	440	510	133	212	345	27	41	50	21	M24	50	75	60	61

Dimensioni variabili Variable dimensions

Paranco Hoist	Portata Capacity	Corse gancio Hook travel	l	q	r	Velocità sollevamento - Potenza motore Lifting speed - Motor power				LM	Peso Weight
XML	t-max	m	mm	mm	mm	V		VA		mm	Kg
						m/min	kW	m/min	kW		
308	1,6	46	1175	459	76	12	4	12/4	4/1,3	840	320
		57	1445	594							340
		68	1710	727							360
		79	1980	862							380
312	2,5	32	1175	459	76	12	6	12/4	6/2	840	330
		40	1445	594							350
		48	1710	727							370
		56	1980	862							390
316	3,5	32	1175	459	76	12	7	12/4	7/2,3	840	330
		40	1445	594							350
		48	1710	727							370
		56	1980	862							390
525	5	32	1200	445	77	12	12	12/4	12/4	980	410
		40	1470	580							440
		48	1740	715							470
		56	2010	850							500



Paranchi speciali SERIE XML

XML SERIES special hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

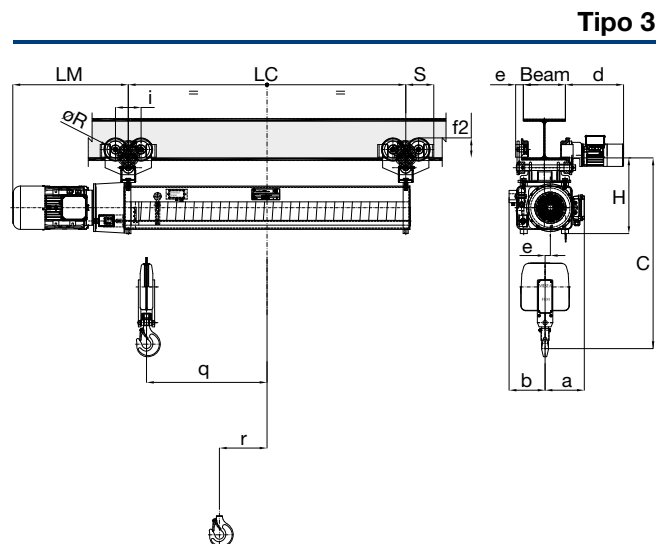
PARANCHI SPECIALI S2 - A 2 TIRI DI FUNE (2/1)

CORSE GANCIO LUNGHE

SPECIAL HOIST S2 - 2 ROPE FALLS (2/1)
HIGH LIFTING HEIGHT

Tipo 3 CARRELLO MONOTRAVE A INGOMBRO NORMALE

STANDARD HEADROOM TROLLEY



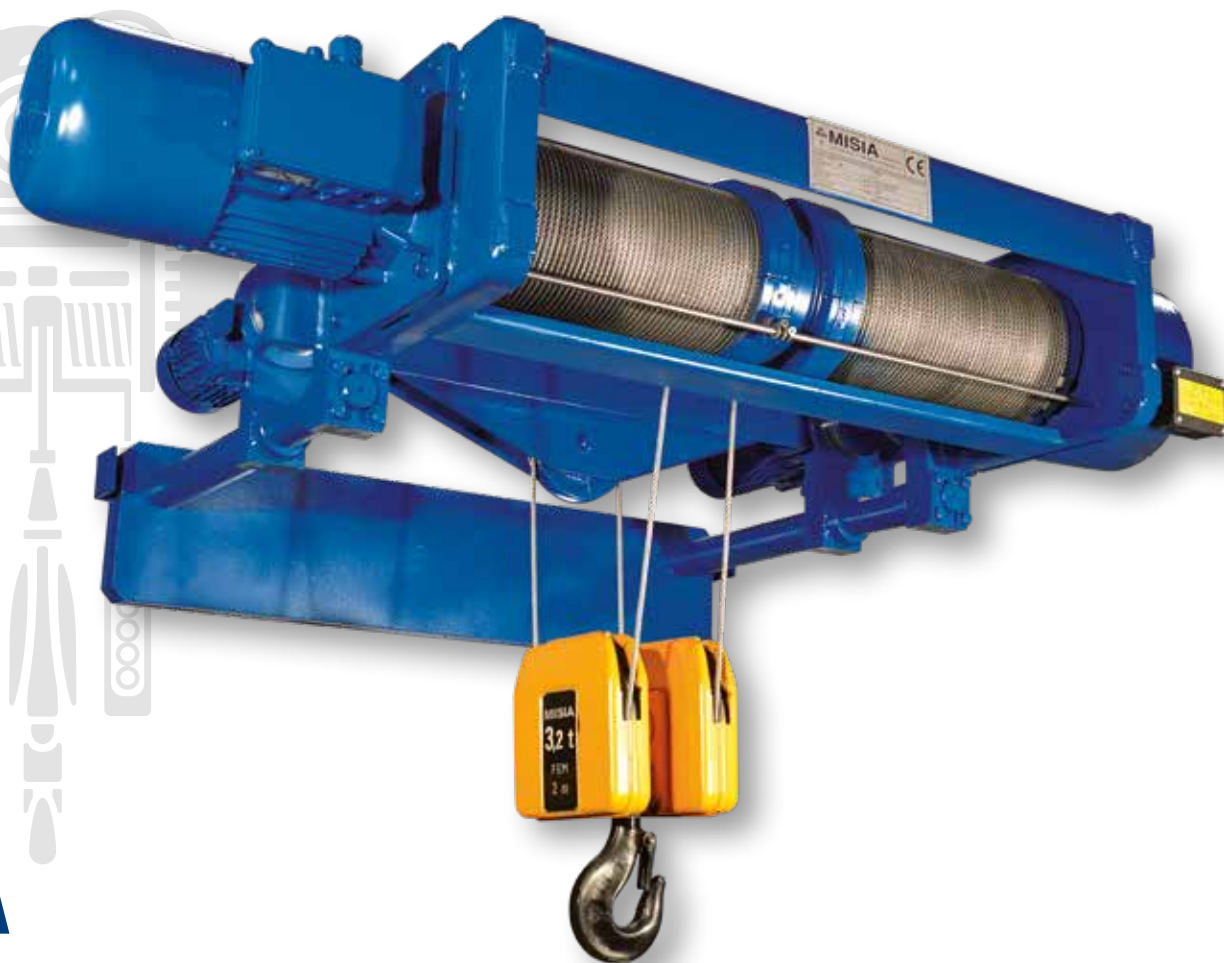
Dimensioni fisse Fixed dimensions

Portata max WLL max	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C	H	a	b	d	e	dR	f2	i	S
kg	FEM	XML		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1600	2m	308	2/1	1070	540	240	250	410	40	120	145	183	110
2500	2m	312	2/1	1140	540	240	250	410	40	120	145	183	110
3200	2m	316	2/1	1140	540	240	250	410	40	120	145	183	110
5000	2m	525	2/1	1270	650	280	260	410	41	140	165	207	125

Dimensioni variabili Variable dimensions

Paranco Hoist	Portata Capacity	Corse gancio Hook travel	Lc	q	r	Velocità sollevamento - Potenza motore Lifting speed - Motor power				LM	Peso Weight
XML	t-max	m	mm	mm	mm	V		VA		mm	Kg
						m/min	kW	m/min	kW		
308	1,6	46	1175	459	76	12	4	12/4	4/1,3	840	460
		57	1445	594							480
		68	1710	727							500
		79	1980	862							520
312	2,5	32	1175	459	76	12	6	12/4	6/2	840	470
		40	1445	594							490
		48	1710	727							510
		56	1980	862							530
316	3.2	32	1175	459	76	12	7	12/4	7/2,3	840	470
		40	1445	594							490
		48	1710	727							510
		56	1980	862							530
525	5	32	1200	445	77	12	12	12/4	12/4	980	620
		40	1470	580							660
		48	1740	715							690
		56	2010	850							720

Velocità carrello / Trolley speed: 18 - 18/6 m/min



Paranchi a tiro centrale 4/2

True vertical lift 4/2

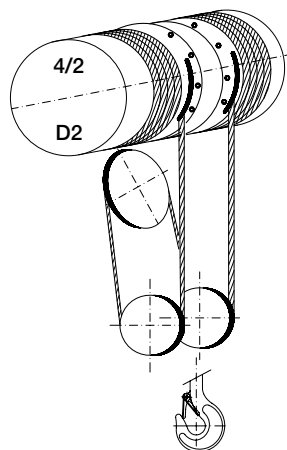
Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCHI A DOPPIA USCITA
DAL TAMBURO D2 (4/2) TIRO CENTRALE
 HOISTS WITH DOUBLE OUTPUT
 FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT



D2 - 4 TIRI DI FUNE (4/2) TIRO CENTRALE
 D2 - 4 ROPE FALLS (4/2) TRUE VERTICAL LIFT



CARATTERISTICHE TECNICHE - TECHNICAL DATA

Portata max Max capacity	Gruppo Group	Paranco Hoist	Tiri fune Rope falls	Corse gancio Hook travel			Velocità sollevamento (m/min) Lifting speed (m/min)					
							1 velocità 1 speed		2 velocità 2 speed			
									Motori cilindrici Cylindrical motors		Motori conici Conical motors	
kg	FEM	XM		m	m	m	N	V	NA	VA	NA	VA
1600	2 m	308 D2	4/2	6	10	13	8	12	8/2,6	12/4	8/2,6	12/4
2500	2 m	312 D2	4/2	7,5	12	16	8	12	8/2,6	12/4	8/2,6	12/2
3200	2 m	316 D2	4/2	7,5	12	16	8	12	8/2,6	12/4	8/1,3	12/2
5000	2 m	525 D2	4/2	6	10	14	8	12	8/2,6	12/4	8/1,3	12/2
8000	1 Am	740 D2	4/2	7	11,5	16	8	12	8/2,6	/	8/1,3	/
10000	1 Am	750 D2	4/2	7	11,5	16	5	8	/	8/2,6	5/1,2	/
10000	2 m	963 D2	4/2	8	16	25	7,5	/	7,5/2,5	/	6/1,5	/
12500	1 Am	963 D2	4/2	8	16	25	7,5	/	7,5/2,5	/	5/1,2	/
16000	1 Am	980 D2	4/2	8	16	25	7,5	/	/	/	5/1,2	/

Le velocità sono riferite a una frequenza di 50 Hz / The lifting speed refers to a frequency of 50 Hz

REAZIONE AI PIEDINI - FOOT REACTION

$$\frac{P + P_p}{2} = \text{Kg}$$

P (Portata / Capacity)
 P_p (Peso paranco / Hoist weight)

Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI

FOOT MOUNTED HOIST

XM 308 / 312 / 316 / 525

PARANCHI A DOPPIA USCITA

DAL TAMBURO D2 (4/2) TIRO CENTRALE

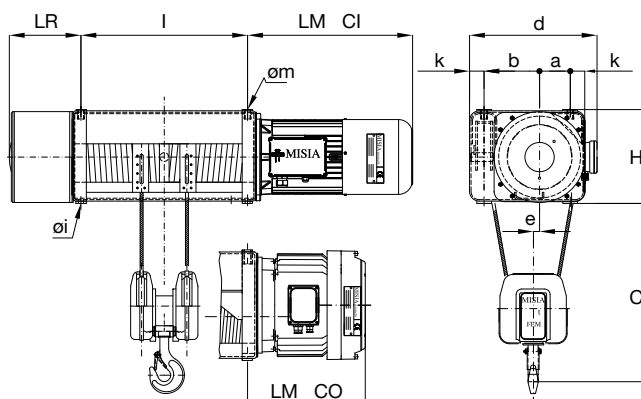
HOISTS WITH DOUBLE OUTPUT
FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT

Tipo 5 APPOGGIATO - SUPPORTED

Tipo 5C1 SOSPEO - SUSPENDED



XM 308 / 312 / 316 / 525



Dimensioni fisse Fixed dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata max Max capacity	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C	H	a	b	a+b	e	K	d	diam i	diam M	h1	h2	m	m
kg	FEM	XM		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1600	2m	308	4/2	500	325	105	190	295	40	50	467	17	M20	13	28	48	56
2500	2m	312	4/2	540	325	105	190	295	40	50	467	17	M20	13	34	48	56
3200	2m	316	4/2	540	325	105	190	295	40	50	467	17	M20	13	34	48	56
5000	2m	525	4/2	580	380	133	212	345	41	50	522	21	M24	18	48	60	61

Dimensioni variabili Variable dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata Capacity	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	I	LMCI				LMCO				LR	Peso Weight
t-max	FEM	XM	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
1,6	2m	308	7	520	460	460	490	490	315	375	385	420	200	320
			10	700										340
			13	885										360
2,5	2m	312	7	570	460	460	490	565	375	420	420	420	200	390
			10	775										420
			13	975										450
3,2	2m	316	7	570	460	565	500	565	375	----	420	----	200	480
			10	775										510
			13	975										550
5	2m	525	7	590	600	650	600	650	415	465	460	505	200	580
			10	795										620
			13	995										660



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO A PIEDINI
FOOT MOUNTED HOIST

XM 740 / 750 / 963 / 980

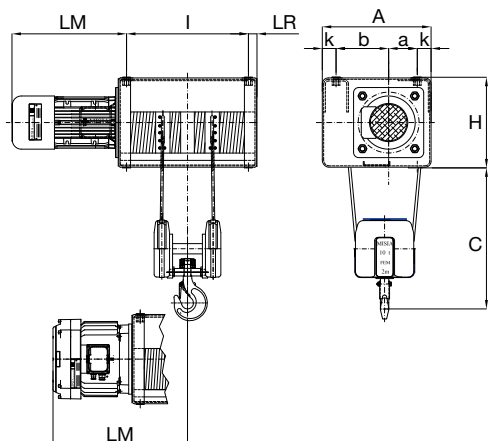
PARANCHI A DOPPIA USCITA
DAL TAMBURO D2 (4/2) TIRO CENTRALE

HOISTS WITH DOUBLE OUTPUT
FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT

Tipo 5 APPOGGIATO - SUPPORTED

Tipo 5C1 SOSPESO - SUSPENDED

XM 740 / 750 / 963 / 980



Dimensioni fisse Fixed dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata max Max capacity	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C	H	a	b	a+b	e	K	d	diam i	diam M	h1	h2	m	m
kg	FEM	XM		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
8000	2m	740	4/2	720	530	168	307	475	30	81	771	25	M27	18	47	65	85
10000	2m	750	4/2	720	530	168	307	475	30	81	771	25	M27	18	47	65	85
10000	3m	963	4/2	760	625	200	340	540	20	92	860	39	M36	24	66	55	90
12500	2m	963	4/2	760	625	200	340	540	20	92	860	39	M36	24	66	55	90
16000	2m	980	4/2	800	625	200	340	540	20	92	860	39	M36	24	66	55	90

Dimensioni variabili Variable dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata Capacity	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	I	LMCI				LMCO				LR	Peso Weight
t-max	FEM	XM	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
8	2m	740	8	713	670		670		480		520		45	770
			12	928										810
			16	1143										860
10	2m	750	8	713	670		670		480		520		45	770
			12	928										810
			16	1143										860
10	3m	963	8	840	890		890		495		535		60	1150
			16	1255										1300
			25	1755										1480
12,5	2m	963	8	840	890		890		495		535		60	1150
			16	1255										1300
			25	1755										1480
16	1Am	980	8	840	890		890		495		535		60	1150
			16	1255										1300
			25	1755										1480



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE
HOIST WITH MONORAIL TROLLEY

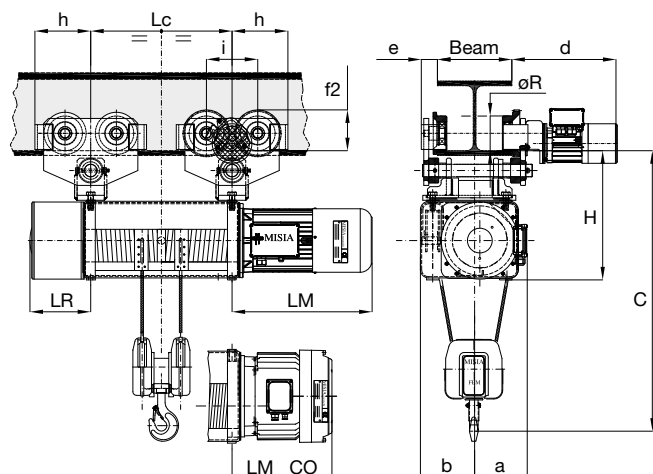
XM 308 / 312 / 316 / 525

PARANCHI A DOPPIA USCITA
DAL TAMBURO D2 (4/2) TIRO CENTRALE

HOISTS WITH DOUBLE OUTPUT
FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT

Tipo 3 A INGOMBRO NORMALE - NORMAL HEADROOM

XM 308 / 312 / 316 / 525



Dimensioni fisse Fixed dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata max Max capacity	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C	H	a	b	e	dR	f2	i	h	Larg min ala trave Min flange width
kg	FEM	XM		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1600	2m	308	4/2	500	500	260	240	60	120	145	183	110	120
2500	2m	312	4/2	540	500	260	240	60	120	145	183	110	120
3200	2m	316	4/2	540	510	260	240	60	120	145	183	110	120
5000	2m	525	4/2	580	510	260	240	60	120	145	183	110	120

Dimensioni variabili Variable dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata Capacity	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	LMCI				LMCO				LR	Peso Weight
t-max	FEM	XM	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
1,6	2m	308	7	520	460	460	490	490	315	375	385	420	200	430
			10	700										450
			13	885										470
2,5	2m	312	7	570	460	460	490	565	375	420	420	420	200	500
			10	775										530
			13	975										560
3,2	2m	316	7	570	460	565	500	565	375	----	420	----	200	590
			10	775										620
			13	975										660
5	2m	525	7	590	600	650	600	650	415	465	460	505	200	610
			10	795										660
			13	995										700

Velocità carrello / Trolley speed: 18 - 18/6 m/min

REAZIONI ALLA SINGOLA RUOTA - SINGLE WHEEL REACTION

$$\frac{P + P_p}{2 \cdot 4} = K_g$$

P (Portata / Capacity)
P_p (Peso paranco / Hoist weight)



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE
HOIST WITH MONORAIL TROLLEY

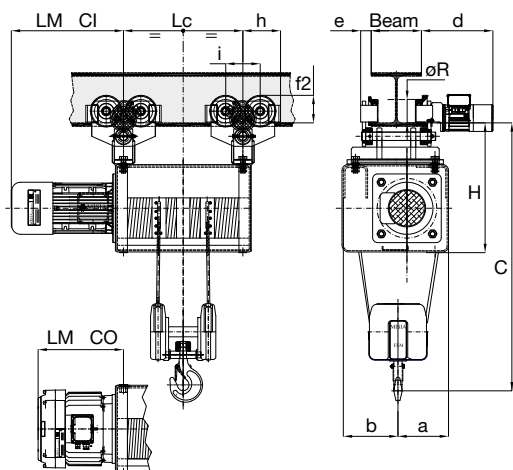
XM 740 / 750 / 963 / 980

PARANCHI A DOPPIA USCITA
DAL TAMBURO D2 (4/2) TIRO CENTRALE

HOISTS WITH DOUBLE OUTPUT
FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT

Tipo 3 A INGOMBRO NORMALE - NORMAL HEADROOM

XM 740 / 750 / 963 / 980



Dimensioni fisse Fixed dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata max Max capacity	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C	H	a	b	e	dR	f2	i	h	Larg min ala trave Min flange width
kg	FEM	XM		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
8000	2m	740	4/2	720	785	415	360	70	140	145	183	110	120
10000	2m	750	4/2	720	785	415	360	70	140	165	207	125	120
10000	3m	963	4/2	760	1020	470	405	70	140	165	207	125	120
12500	2m	963	4/2	760	1020	470	405	70	160	235	310	200	150
16000	2m	980	4/2	800	1020	470	405	70	160	235	310	200	150

Dimensioni variabili Variable dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata Capacity	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Lc	LMCI				LMCO				LR	Peso Weight
t-max	FEM	XM	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
8	2m	740	8	713	670		670		480		520		45	1000
			12	928										1040
			16	1143										1090
10	2m	750	8	713	670		670		480		520		45	1000
			12	928										1040
			16	1143										1090
10	3m	963	8	840	890		890		495		535		60	1400
			16	1255										1550
			25	1755										1730
12,5	2m	963	8	840	890		890		495		535		60	1420
			16	1255										1570
			25	1755										1750
16	1Am	980	8	840	890		890		495		535		60	1440
			16	1255										1590
			25	1755										1770

Velocità carrello / Trolley speed: 18 - 18/6 m/min

REAZIONI ALLA SINGOLA RUOTA - SINGLE WHEEL REACTION

$$\frac{P + P_p}{2 \cdot 4} = \text{Kg}$$

P (Portata / Capacity)
Pp (Peso paranco / Hoist weight)



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

XM 308 / 312 / 316 / 525

PARANCHI A DOPPIA USCITA

DAL TAMBURO D2 (4/2) TIRO CENTRALE

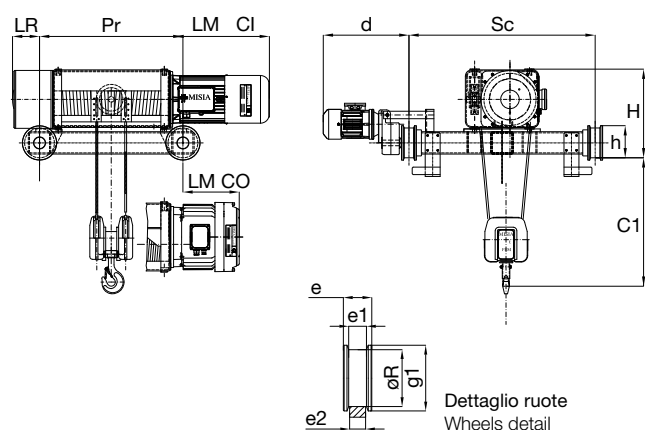
HOISTS WITH DOUBLE OUTPUT
FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT

Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
BIRAIL TROLLEY HOIST SUPPORTED

Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
BIRAIL TROLLEY HOIST SUSPENDED

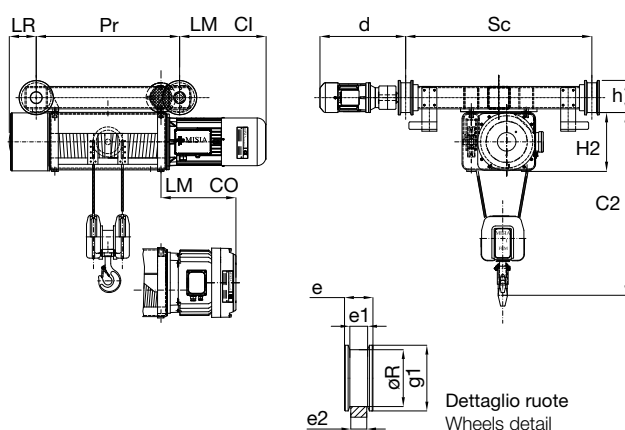
XM 308 / 312 / 316 / 525

Tipo 53



XM 308 / 312 / 316 / 525

Tipo 53C1



Dimensioni fisse Fixed dimensions

Portata max Max capacity	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C1	C2	SC	H	H2	d	h	dR	e	e1	e2	g1
kg	FEM	XM		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1600	2m	308	4/2	500	830	1000	490	320	460	175	160	80	50	40	185
2500	2m	312	4/2	540	870	1000	490	320	460	175	160	80	50	40	185
3200	2m	316	4/2	540	870	1000	490	320	460	175	160	80	50	40	185
5000	2m	525	4/2	580	960	1000	550	390	520	175	160	80	50	40	185

Dimensioni variabili Variable dimensions

Portata capacity	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Pr	LMCI				LMCO				LR	Peso Weight
t-max	FEM	XM	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
1,6	2m	308	7	720	460	460	490	490	315	375	385	420	200	525
			10	900										550
			13	1085										575
2,5	2m	312	7	770	460	460	490	565	375	420	420	420	200	595
			10	975										630
			13	1175										665
3,2	2m	316	7	770	460	565	500	565	375	----	420	----	200	685
			10	975										720
			13	1175										795
5	2m	525	7	790	600	650	600	650	415	465	460	505	200	815
			10	995										860
			13	1195										905

Velocità carrello / Trolley speed: 20 - 16 - 20/6,5 - 16/5,3 m/min

REAZIONI ALLA SINGOLA RUOTA - SINGLE WHEEL REACTION

$$\frac{P + P_p}{4} = K_g$$

P (Portata / Capacity)
Pp (Peso paranco / Hoist weight)

Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO BITRAVE

HOIST WITH BIRAIL TROLLEY

XM 740 / 750 / 963 / 980

PARANCHI A DOPPIA USCITA

DAL TAMBURO D2 (4/2) TIRO CENTRALE

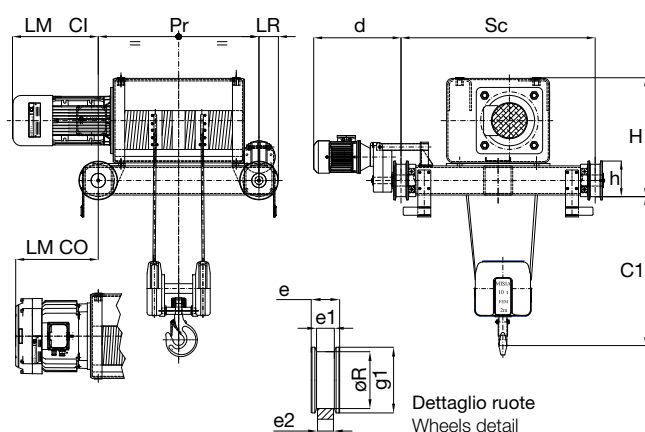
HOISTS WITH DOUBLE OUTPUT
FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT

Tipo 53 CARRELLO BITRAVE CON PARANCO APPOGGIATO
BIRAIL TROLLEY HOIST SUPPORTED

Tipo 53C1 CARRELLO BITRAVE CON PARANCO SOSPESO
BIRAIL TROLLEY HOIST SUSPENDED

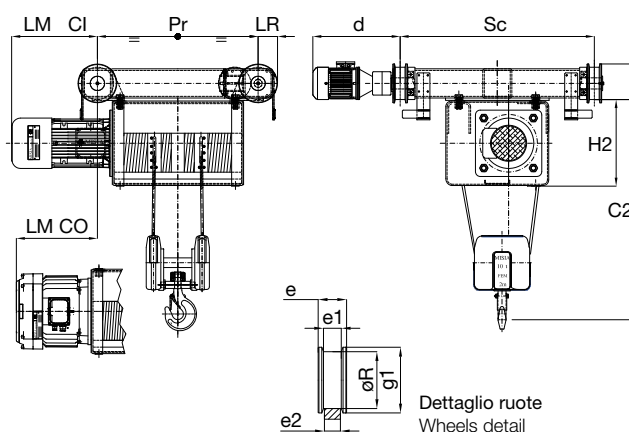
XM 740 / 750 / 963 / 980

Tipo 53



XM 740 / 750 / 963 / 980

Tipo 53C1



Dimensioni fisse Fixed dimensions

Portata max Max capacity	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C1	C2	SC	H	H2	d	h	dR	e	e1	e2	g1
kg	FEM	XM		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
8000	2m	740	4/2	720	1260	1200	740	535	540	220	200	90	60	50	240
10000	2m	750	4/2	720	1260	1200	740	535	540	220	200	90	60	50	240
10000	2m	963	4/2	760	1400	1450	880	615	630	270	250	90	60	50	290
12500	2m	963	4/2	760	1400	1450	880	615	630	270	250	90	60	50	290
16000	2m	980	4/2	760	1400	1450	880	615	630	270	250	90	60	50	290

Dimensioni variabili Variable dimensions

Portata Capacity	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	Pr	LMCI				LMCO				LR	Peso Weight
t-max	FEM	XM	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
8	2m	740	8	993	670	----	670	----	480	----	520	----	45	1210
			12	1108										1270
			16	1423										1330
10	2m	750	8	993	670	----	670	----	480	----	520	----	45	1415
			12	1108										1465
			16	1423										1530
10	2m	950	8	1160	760	----	760	----	795	----	535	----	60	1855
			16	1575										2000
			26	2075										2250
12,5	2m	963	8	1160	760	----	760	----	795	----	535	----	60	1855
			16	1575										2000
			26	2075										2250
16	2m	950	8	1160	760	----	760	----	795	----	535	----	60	2185
			16	1575										2335
			26	2075										2595

Velocità carrello / Trolley speed: 20 - 16 - 20/6,5 - 16/5,3 m/min

REAZIONI ALLA SINGOLA RUOTA - SINGLE WHEEL REACTION

$$\frac{P + P_p}{4} = K_g$$

P (Portata / Capacity)
Pp (Peso paranco / Hoist weight)



Paranchi standard SERIE XM

XM SERIES standard hoists

PARANCO CON CARRELLO MONOTRAVE

HOIST WITH MONORAIL TROLLEY

XM 308 / 312 / 316 / 525

PARANCHI A DOPPIA USCITA

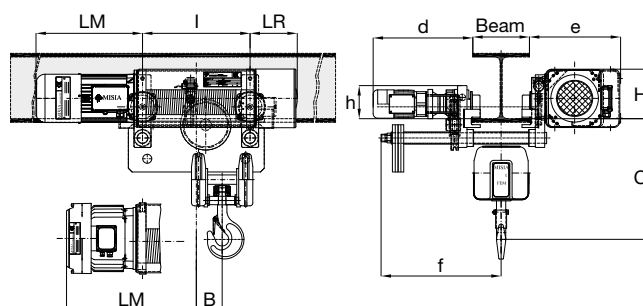
DAL TAMBURO D2 (4/2) TIRO CENTRALE

HOISTS WITH DOUBLE OUTPUT
FROM THE DRUM D2 (4/2) TRUE VERTICAL LIFT

Tipo 83 CARRELLO MONOTRAVE A INGOMBRO RIDOTTO
MONORAIL TROLLEY LOW HEADROOM



XM 308 / 312 / 316 / 525



Dimensioni fisse Fixed dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata max Max capacity	Gruppo Group	Paranco Hoist type	Tiri fune Rope falls	C	H	e	d	h	i	dR	b	f*	o	Larghezza min ala trave Min flange width	Larghezza max trave per quota C Max beam flange x C quote
kg	FEM	XM		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1600	2m	308	4/2	680	245	470	430	140	290	125	66	620	100	110	300
2500	2m	312	4/2	620	245	470	475	140	290	125	66	620	100	110	300
3200	2m	316	4/2	640	245	485	530	175	290	125	50	650	125	110	300
5000	2m	525	4/2	700	270	525	535	175	320	125	50	750	125	110	300

Nota: 1) Per le ali travi superiori a quelle indicate, la quota "C" (ingombro gancio) aumenta di 12 mm ogni 10 mm di larghezza ala trave.

* La quota "f" indicata è valida per ala trave di 300 mm; con ala diversa, aumenta o diminuisce di metà della differenza ala trave.

Note: 1) For beam sizes wider than those shown, the "C" dimension (hook to girder min. size) increases of 12 mm every 10 mm of wider beam size.

* The dimension "f" shown is valid for beam size 300 mm; with different beam size it increases or decreases of half of the difference of the beam size.

Dimensioni variabili Variable dimensions

D2 (4/2) A 4 TIRI DI FUNE - D2 (4/2) 4 ROPE FALLS

Portata Capacity	Gruppo Group	Paranco Hoist type	Corsa gancio Hook travel	I	LMCI				LMCO				LR	Peso Weight
t-max	FEM	XM	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	Kg
1,6	2m	308	7	520	460	460	490	490	315	375	385	420	200	490
			10	700										530
			13	885										560
2,5	2m	312	7	570	460	460	490	565	375	420	420	420	200	560
			10	775										605
			13	975										650
3,2	2m	316	7	570	460	565	500	565	375	----	420	----	200	650
			10	775										695
			13	975										740
5	2m	525	7	590	600	650	600	650	415	465	460	505	200	780
			10	795										825
			13	995										910

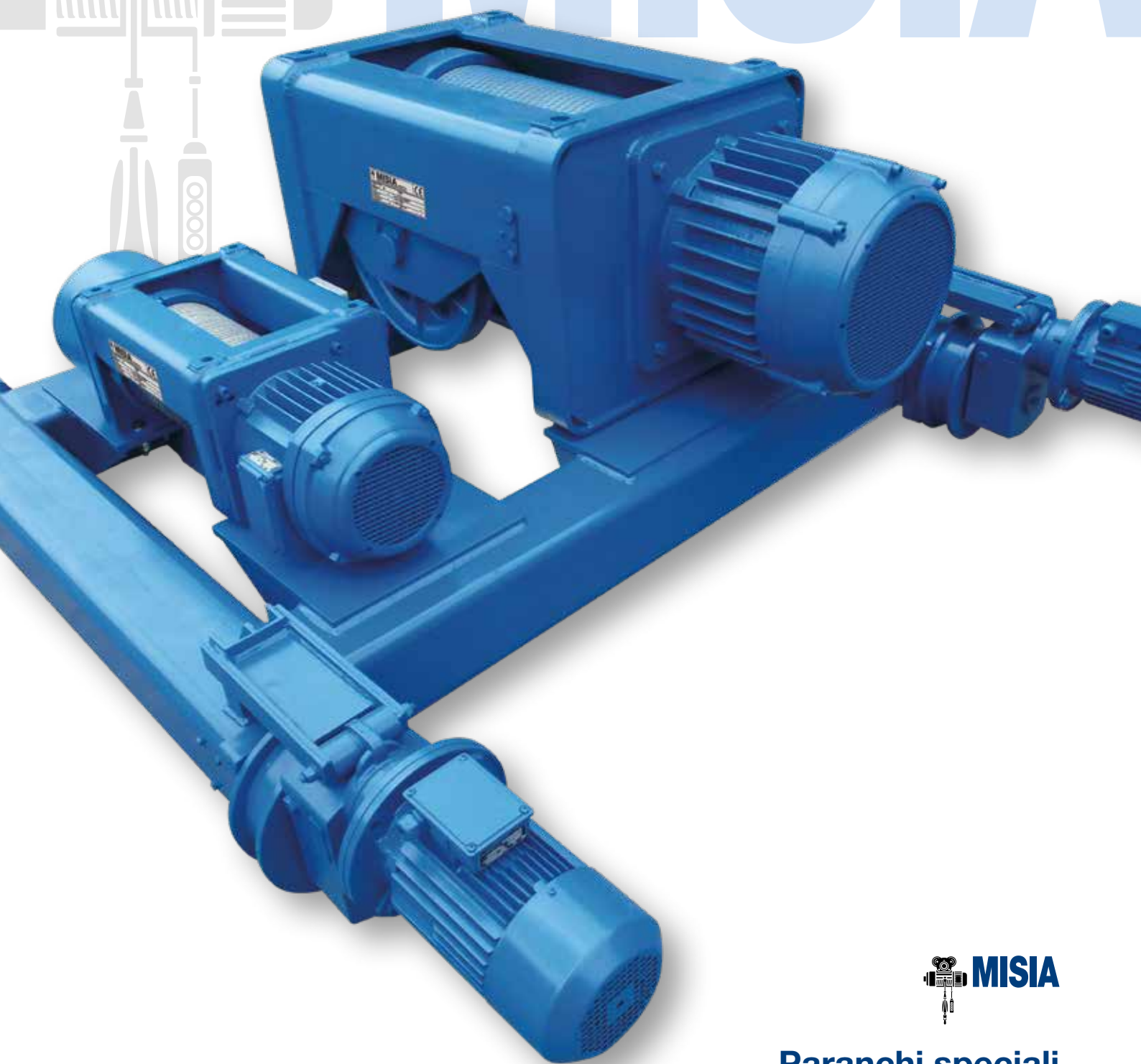
REAZIONI ALLA SINGOLA RUOTA - SINGLE WHEEL REACTION

$$\frac{P + P_p}{4} = \text{Kg}$$

P (Portata / Capacity)
P_p (Peso paranco / Hoist weight)



MISIA



Paranchi speciali
Special hoists

Paranchi speciali SERIE XM

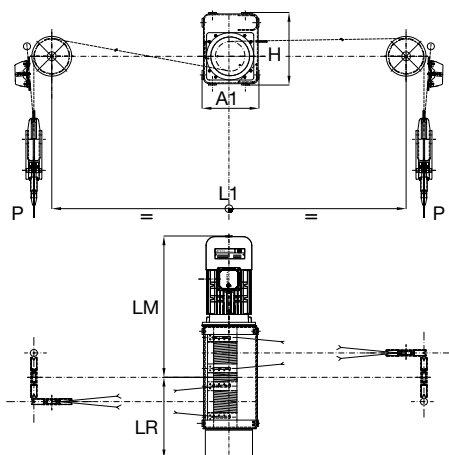
XM SERIES special hoists

TIPO DC2 A DOPPIA USCITA DI FUNE E SINGOLO TIRO CONTRAPPOSTO RINVIATO

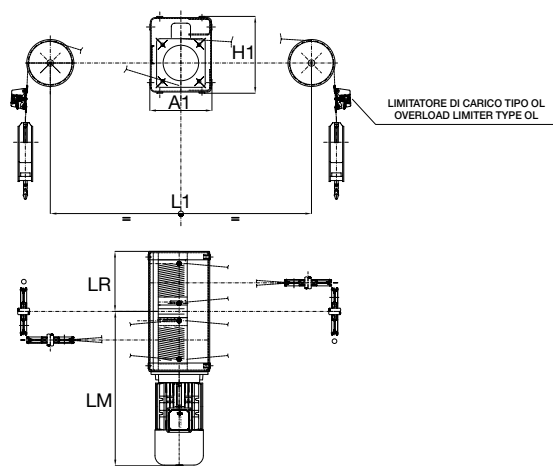
Paranchi a doppia uscita dal tamburo

TYPE DC2 OPPOSITE DOUBLE ROPE OUTPUT
WITH 2/2+2 ROPE FALLS
Hoists with double outlet from the drum

XM 308 / 312 / 316 / 525



XM 740 / 750 / 963 / 980



CARATTERISTICHE TECNICHE - TECHNICAL DATA

Portata max Max capacity	Gruppo Group	Paranco Hoist	Tiri fune Rope falls	Corse gancio Hook travel			Velocità sollevamento (m/min) Lifting speed (m/min)					
							1 velocità 1 speed		2 velocità 2 speed			
									Motori cilindrici Cylindrical motors		Motori conici Conical motors	
kg	FEM	XM		m	m	m	N m/min	V m/min	NA m/min	VA m/min	NA m/min	VA m/min
800+800	2 m	308 DC2	2 + 2/2	6	10	13	8	12	8/2,6	12/4	8/2,6	12/4
1250+1250	2 m	312 DC2	2 + 2/2	7,5	12	16	8	12	8/2,6	12/4	8/2,6	12/4
1600+1600	2 m	316 DC2	2 + 2/2	7,5	12	16	8	12	8/2,6	12/4	8/1,3	12/2
2500+2500	2 m	525 DC2	2 + 2/2	6	10	14	8	12	8/2,6	12/4	8/1,3	12/2
4000+4000	1 Am	740 DC2	2 + 2/2	7	11,5	16	8	12	8/2,6	/	8/1,3	/
5000+5000	1 Am	750 DC2	2 + 2/2	7	11,5	16	5	8	/	8/2,6	5/1,2	8/1,3
5000+5000	2 m	963 DC2	2 + 2/2	11	21	32,5	7,5	/	7,5/2,5	/	6/1,5	/
6300+6300	1 Am	963 DC2	2 + 2/2	11	21	32,5	7,5	/	7,5/2,5	/	5/1,2	/
8000+8000	1 Am	980 DC2	2 + 2/2	8,5	16,5	26	7,5	/	/	/	5/1,2	/

Le velocità sono riferite a una frequenza di 50 Hz / The lifting speed refer to a frequency of 50 Hz

DC2 (2/2+2) A 2+2 TIRI DI FUNE - DC2 (2/2+2) 2+2 ROPE FALLS

Paranco/Hoist		XM	308			312			316			525			740			750			963			980		
Tipo/Type		DC2 (2/2+2)																								
Capacità/Capacity (P)		t	0,8+0,8			1,25+1,25			1,6+1,6			2,5+2,5			4+4			5+5			6,3+6,3			8+8		
Corsa gancio/Hook travel		m	6	10	13	7,5	12	16	7,5	12	16	6	10	14	7	11,5	16	7	11,5	16	11	21	32	8,5	16,5	26
H1		mm	400			400			400			450			640			640			730			730		
A1		mm	310			310			310			360			545			545			600			600		
min. L1		mm	2390	3680	4990	2520	3980	5405	2520	3980	5405	2460	3920	5350	2660	4200	5740	2660	4200	5740	3430	6400	9980	3330	6290	9870
LR		mm	460	550	645	535	640	740	535	640	740	565	670	770	405	510	620	405	510	620	480	690	940	480	690	940
Motori cilindrici Cylindrical motor	Vel. soll./Lift. speed	m/min	N - N A			N - N A			N - N A			N - N A			N - N A			N - N A			N - N A			N - N A		
	LM	mm	790	880	975	815	920	1020	895	940	1040	905	1010	1110	1030	1135	1245	1030	1135	1245	1100	1210	1560	1180	1390	1640
	Vel. soll./Lift. speed	m/min	V - V A			V - V A			V - V A			V - V A			/			/			/			/		
	LM	mm	790	880	975	895	1000	1100	895	1000	1100	965	1070	1170	/	/	/	/	/	/	/	/	/	/	/	/
Motori conici Conical motor	Vel. soll./Lift. speed	m/min	N - N A			N - N A			N - N A			N - N A			N - N A			N - N A			N - N A			N - N A		
	LM	mm	645	735	830	705	810	910	705	810	910	715	820	920	870	975	1085	870	975	1085	940	1150	1400	960	1170	1420
	Vel. soll./Lift. speed	m/min	V - V A			V - V A			/			V - V A			/			V - V A			/			/		
	LM	mm	640	730	825	705	810	910	/	/	/	805	910	1010	/	/	/	/	890	995	1105	/	/	/	/	/
Peso/Weight		kg	150	170	190	220	240	260	220	240	260	330	370	410	620	670	720	620	670	720	980	1130	1300	980	1130	1300

N - V - N A - V A = velocità di sollevamento (vedi tabella sopra) / lifting speeds (see table above)

Paranchi speciali 6/1 6/1 special hoists

PARANCHI SPECIALI A SINGOLA USCITA FUNE DAL TAMBURO 6/1

SPECIAL HOIST WITH SINGLE OUTPUT
FROM THE DRUM 6/1

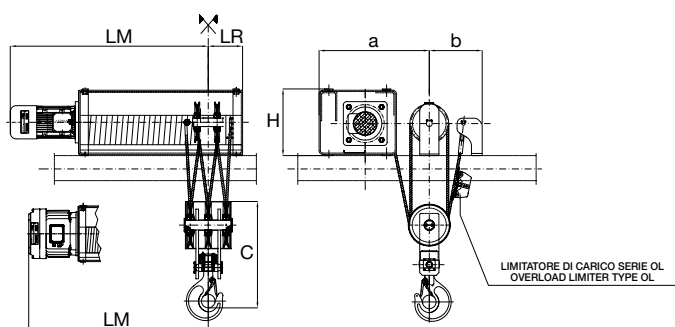
SR6 A 6 TIRI DI FUNE (6/1) - 6 ROPE FALLS (6/1)

Tipo 5 PARANCO APPOGGIATO - SUPPORTED HOIST

Tipo 53 CARRELLO PARANCO BIROTAIA
HOIST TROLLEY BI-RAIL

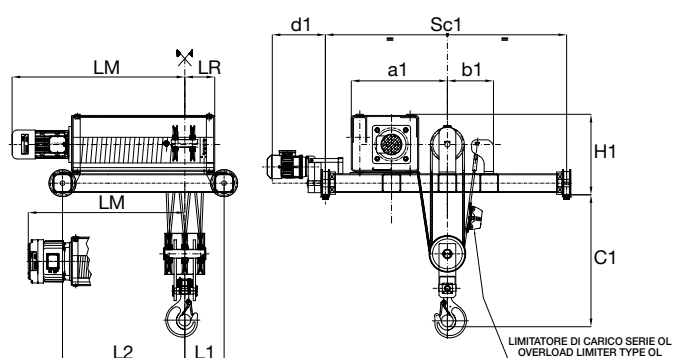
SR6

Tipo 5



SR6

Tipo 53



SR6 - A 6 TIRI DI FUNE (6/1) - SR6 - 6 ROPE FALLS (6/1)

Paranco/Hoist		XM	740				750			963			963			980			
Portata/Capacity		kg	24000				30000			30000			37500			48000			
Gruppo/Group		FEM	1Am				1Am			2m			1Am			1Am			
Corsa gancio/Hook travel		m	6,5	11	15	6,5	11	15	6,5	10,5	16	6,5	10,5	16	6,5	10,5	16		
Motori cilindrici Cylindrical motor	Vel. soll./Lift. speed	m/min	2,7				2,7			2,5			3			2,5			
	Pot. mot./Mot. power	kW	12				15			15			24			24			
	Vel. soll./Lift. speed	m/min	2,7/0,9				2,7/0,9			2,5/0,8			2,5/0,8			-			
	Pot. mot./Mot. power	kW	12/4				15/5			16/5,3			22/7,3			-			
Motori conici Conical motor	Vel. soll./Lift. speed	m/min	2,7				2,7			2			1,7			1,7			
	Pot. mot./Mot. power	kW	12,5				15			12,5			12,5			16			
	Vel. soll./Lift. speed	m/min	2,7/0,3				2,7/0,5			2/0,5			1,7/0,4			1,7/0,4			
	Pot. mot./Mot. power	kW	13/3				15/2,5			13/3			13/3			16/4			
Fig 5		H	mm	530				530			625			625			625		
		C	mm	900				1000			1100			1100			1240		
		a	mm	840				840			990			990			990		
		b	mm	380				380			480			480			480		
		LR	mm	250				257			277			288			189		
Motori cilindrici/Cylindrical motor	LM	mm	1175	1605	1995	1165	1595	1985	1305	1720	2220	1370	1790	2290	/	/	/		
Motori conici/Conical motor	LM	mm	1065	1495	1885	1065	1495	1885	1125	1540	2040	1190	1610	2110	1290	1710	2210		
Peso/Weight	≈	kg	900	1000	1080	980	1080	1160	1480	1630	1810	1480	1630	1810	1610	1760	1940		
Fig 53		Sc1	mm	2000				2000			2500			2500			2500		
		H1	mm	790				790			900			900			940		
		C1	mm	1100				1200			1300			1300			1450		
		d1	mm	570				570			570			570			570		
		a	mm	840				840			990			990			990		
		b	mm	380				380			480			480			480		
		L1	mm	420				430			460			520			450		
		L2	mm	670	1100	1500	680	1110	1510	800	1210	1710	850	1260	1760	950	1360	1860	
		LR	mm	250				257			277			288			189		
Motori cilindrici/Cylindrical motor	LM	mm	1175	1605	1995	1165	1595	1985	1305	1720	2220	1370	1790	2290	/	/	/		
Motori conici/Conical motor	LM	mm	1065	1495	1885	1065	1495	1885	1125	1540	2040	1190	1610	2110	1290	1710	2210		
Peso/Weight	≈	kq	1750	1900	2030	2030	2230	2410	2470	2720	3000	3170	3420	3700	3690	3940	4220		

Velocità carrello / Trolley speed: 16 - 16/5,3 m/min

Paranchi speciali 8/1 8/1 special hoists

PARANCHI SPECIALI A SINGOLA USCITA FUNE DAL TAMBURO 8/1

SPECIAL HOIST WITH SINGLE OUTPUT
FROM THE DRUM 8/1

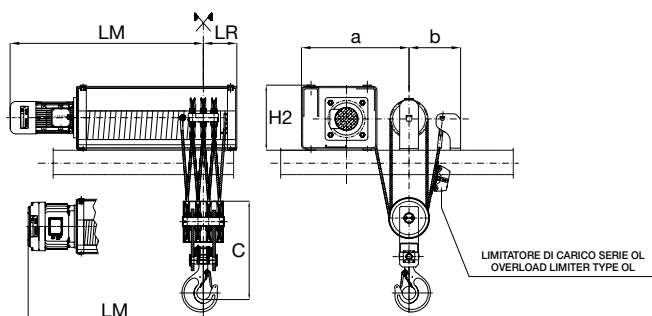
SR8 A 8 TIRI DI FUNE (8/1) - 8 ROPE FALLS (8/1)

Tipo 5 PARANCO APPOGGIATO - SUPPORTED HOIST

Tipo 53 CARRELLO PARANCO BIROTAIA
HOIST TROLLEY BIRAIL

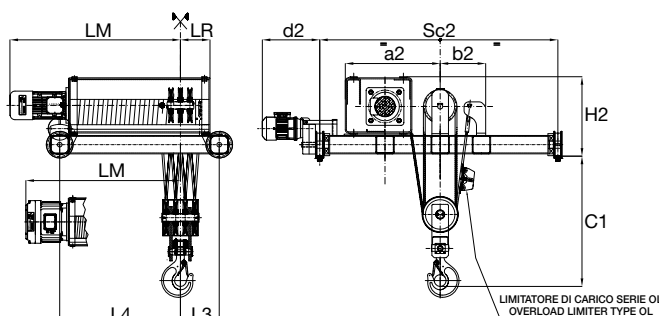
SR8

Tipo 5



SR8

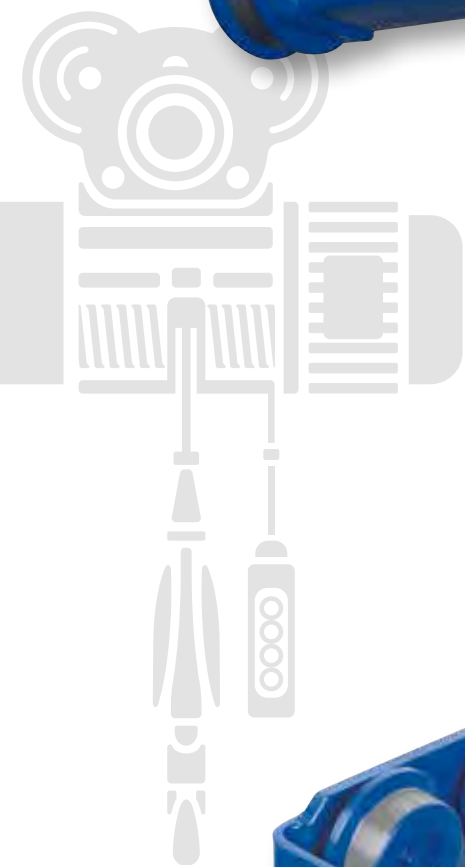
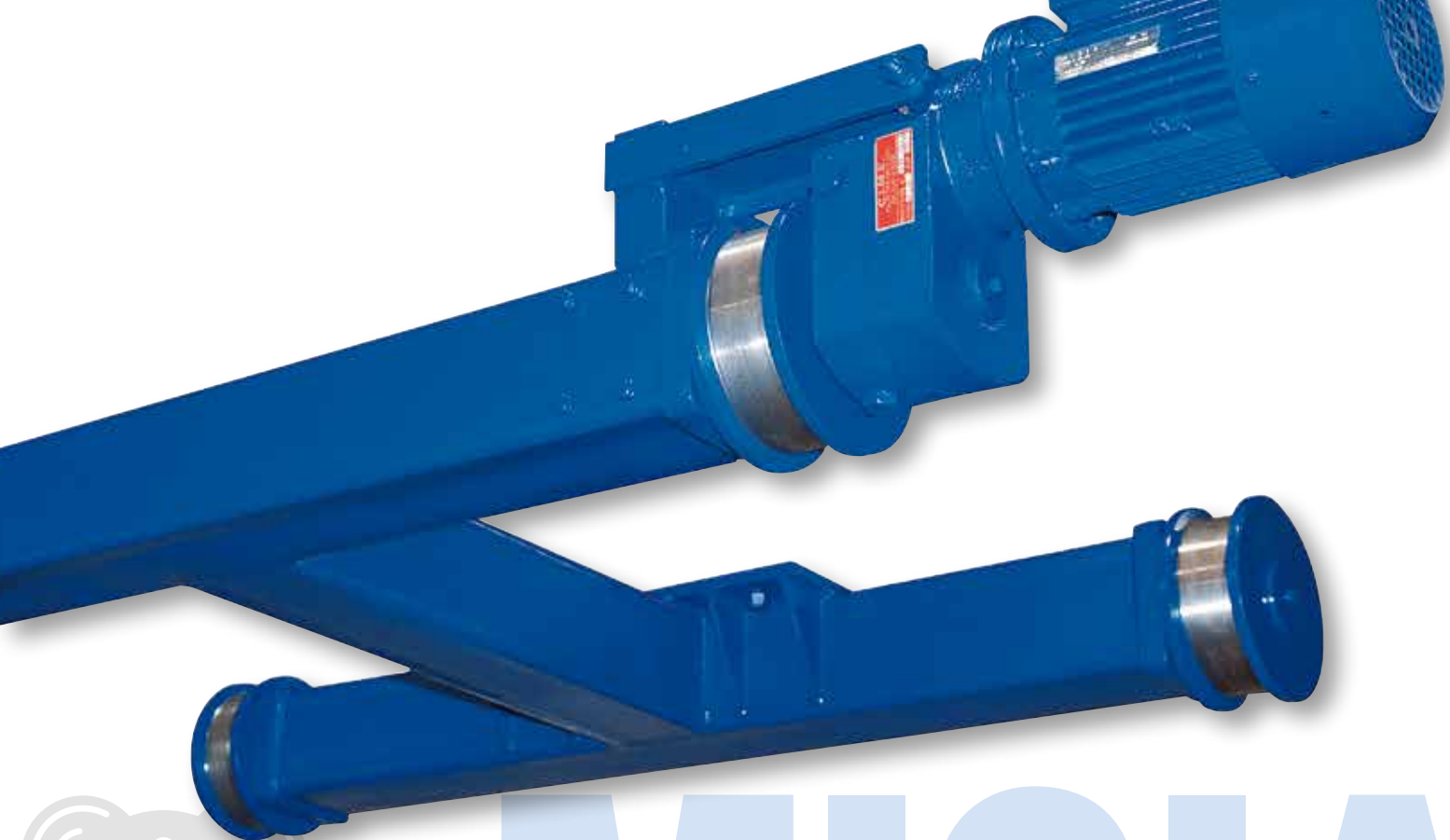
Tipo 53



SR8 - A 8 TIRI DI FUNE (8/1) - SR8 - 8 ROPE FALLS (8/1)

Paranco/Hoist			XM		740		750			963			963			980				
Portata/Capacity			kg		32000		40000			40000			50000			64000				
Gruppo/Group			FEM		1Am		1Am			2m			1Am			1Am				
Corsa gancio/Hook travel			m		4,5	8	11	4,5	8	11	5	8	12	5	8	12	5	8	12	
Motori cilindrici Cylindrical motor	Vel. soll./Lift. speed		m/min		2		2			3			2,5			2				
	Pot. mot./Mot. power		kW		12		15			24			24			24				
	Vel. soll./Lift. speed		m/min		2/0,7		2/0,7			2/0,7			2/0,7			-				
	Pot. mot./Mot. power		kW		12/4		15/5			16/5,3			22/7,3			-				
Motori conici Conical motor	Vel. soll./Lift. speed		m/min		2		2			1,5			1,2			1,2				
	Pot. mot./Mot. power		kW		12,5		15			12,5			12,5			16				
	Vel. soll./Lift. speed		m/min		2/0,5		2/0,3			1,5/0,4			1,2/0,3			1,2/0,3				
	Pot. mot./Mot. power		kW		13/3		15/2,5			13/3			13/3			16/4				
Fig 5			H	mm		530		530			625			625			625			
			C	mm		950		1080			1160			1160			1200			
			a	mm		840		840			990			990			990			
			b	mm		380		380			480			480			480			
			LR	mm		250		257			277			288			295			
Motori cilindrici/Cylindrical motor			LM	mm		1175	1605	1995	1165	1595	1985	1305	1720	2220	1370	1790	2290	/	/	/
Motori conici/Conical motor			LM	mm		1065	1495	1885	1065	1495	1885	1125	1540	2040	1190	1610	2110	1185	1605	2105
Peso/Weight			≈	kg		990	1090	1170	1110	1210	1190	1600	1750	1930	1600	1750	1930	1740	1890	2070
Fig 53			Sc2	mm		2000		2000			2500			2500			2500			
			H2	mm		790		790			900			940			960			
			C1	mm		1150		1250			1350			1350			1500			
			d2	mm		570		570			570			570			570			
			a2	mm		840		840			990			990			990			
			b2	mm		380		380			480			480			480			
			L3	mm		430		490			520			520			600			
			L4	mm		680	1110	1510	730	1160	1560	860	1270	1770	850	1260	1760	900	1310	1810
			LR	mm		250		257			277			288			295			
Motori cilindrici/Cylindrical motor			LM	mm		1175	1605	1995	1165	1595	1985	1305	1720	2220	1370	1790	2290	/	/	/
Motori conici/Conical motor			LM	mm		1065	1495	1885	1065	1495	1885	1125	1540	2040	1190	1610	2110	1185	1605	2105
Peso/Weight			≈	kg		2030	2230	2410	2840	3040	3220	3290	3540	3820	3290	3540	3820	3760	4010	4290

Velocità carrello / Trolley speed: 16 - 16/5,3 m/min



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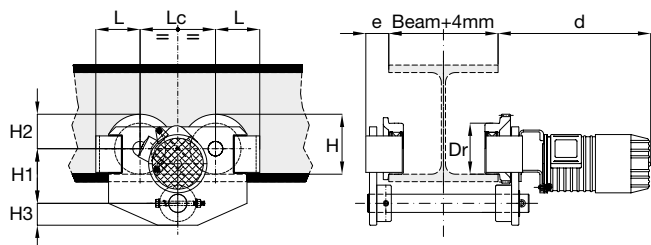


Carrelli
Trolleys

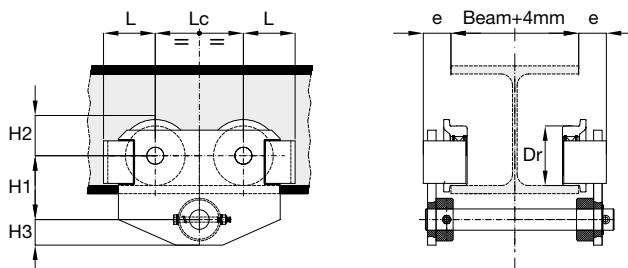
Carrelli monorotaia Monorail trolleys

CARRELLI PER MONOROTAIE RETTILINEE TROLLEYS FOR STRAIGHT MONORAIL

-A- CARRELLO MOTORE - DRIVING TROLLEY



-B- CARRELLO FOLLE - IDLE TROLLEY



Portata max Max capacity	Dimensioni Dimensions									Velocità Speed	Potenza Power	Peso Weight	
kg	DR mm	d mm	e mm	Lc mm	L mm	H mm	H1 mm	H2 mm	H3 mm	m/min	kW	A kg	B kg
4500	120	450	60	183	110	142	130	60	50	18/6	0,37/0,12	65	45
10000	140	450	70	207	125	165	150	60	60	18/6	0,55/0,18	95	70
13250	140	310*	100	207	125	165	150	60	60	18/6	0,75/0,25	98	73
16000	160	300*	70	310	150	275	200	210	75	18/6	1,1/0,37	250	200
25000	210	310*	140	310	150	275	245	235	100	16/5,3	1,5/0,55	300	240

* Con motoriduttore ortogonale / With orthogonal motoreducer

Carrelli monorotaia Monorail trolleys

CARRELLI PER MONOROTAIE CURVE TROLLEYS FOR CURVED MONORAIL

Per carrelli paranco a ingombro normale idonei a scorrere su monorotaie con curve e precisamente:

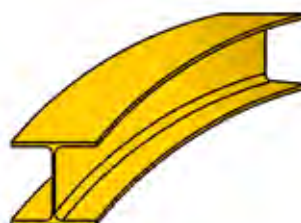
Portata fino a 4 t raggio min. 1500 mm.

Portata fino a 10 t raggio min. 2500 mm.

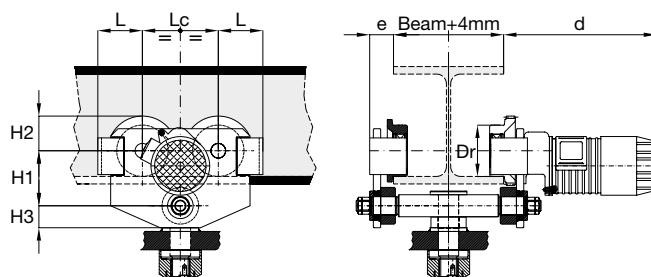
Articulated standard headroom monorail hoist units:

Lifting capacity up to 4 t (minimum radius 1500 mm).

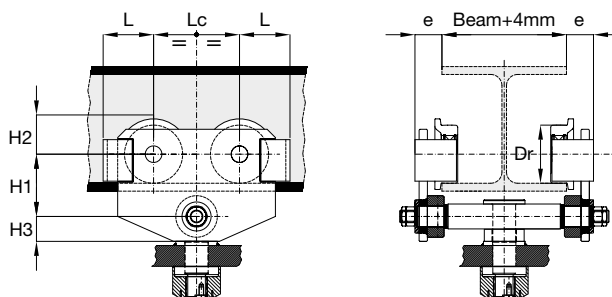
Lifting capacity up to 10 t (minimum radius 2500 mm).



-A- CARRELLO MOTORE - DRIVING TROLLEY



-B- CARRELLO FOLLE - IDLE TROLLEY



Portata max Max capacity	Raggio min Min radius	Dimensioni Dimensions									Velocità Speed	Potenza Power	Peso Weight	
kg	m	DR mm	d mm	e mm	Lc mm	L mm	H mm	H1 mm	H2 mm	H3 mm	m/min	kW	A kg	B kg
4500	1,5	120	450	110	183	110	142	130	60	50	18/6	0,37/0,12	80	60
10000	2,0	140	450	120	207	125	142	150	60	60	18/6	0,55/0,18	120	95
13250	2,0	140	250*	140	207	125	165	150	60	60	18/6	0,75/0,25	130	105
16000	3,5	160	300*	70	310	150	275	200	210	75	18/6	1,1/0,37	250	200
25000	3,5	210	310*	140	310	150	275	245	210	100	16/5,3	1,5/0,55	360	300

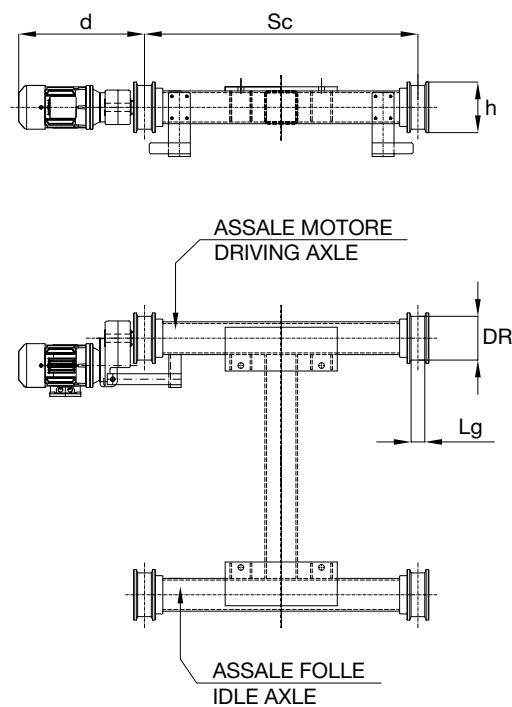
* Con motoriduttore ortogonale / With orthogonal motoreducer

Carrelli bitrave

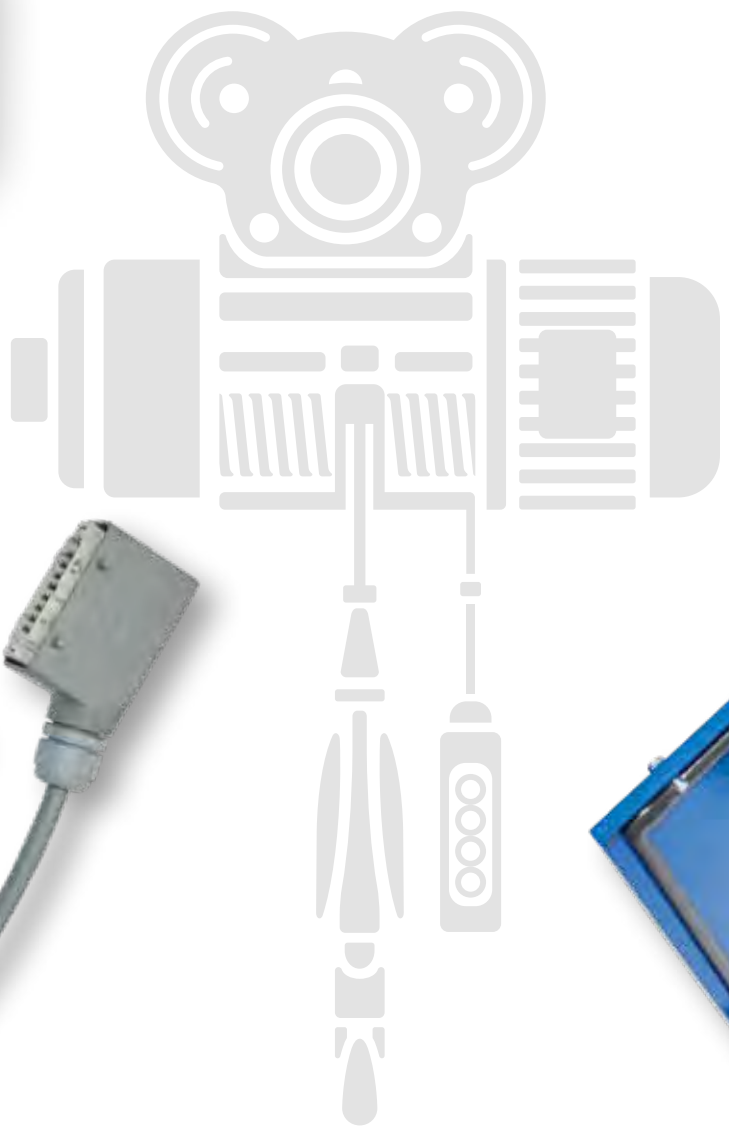
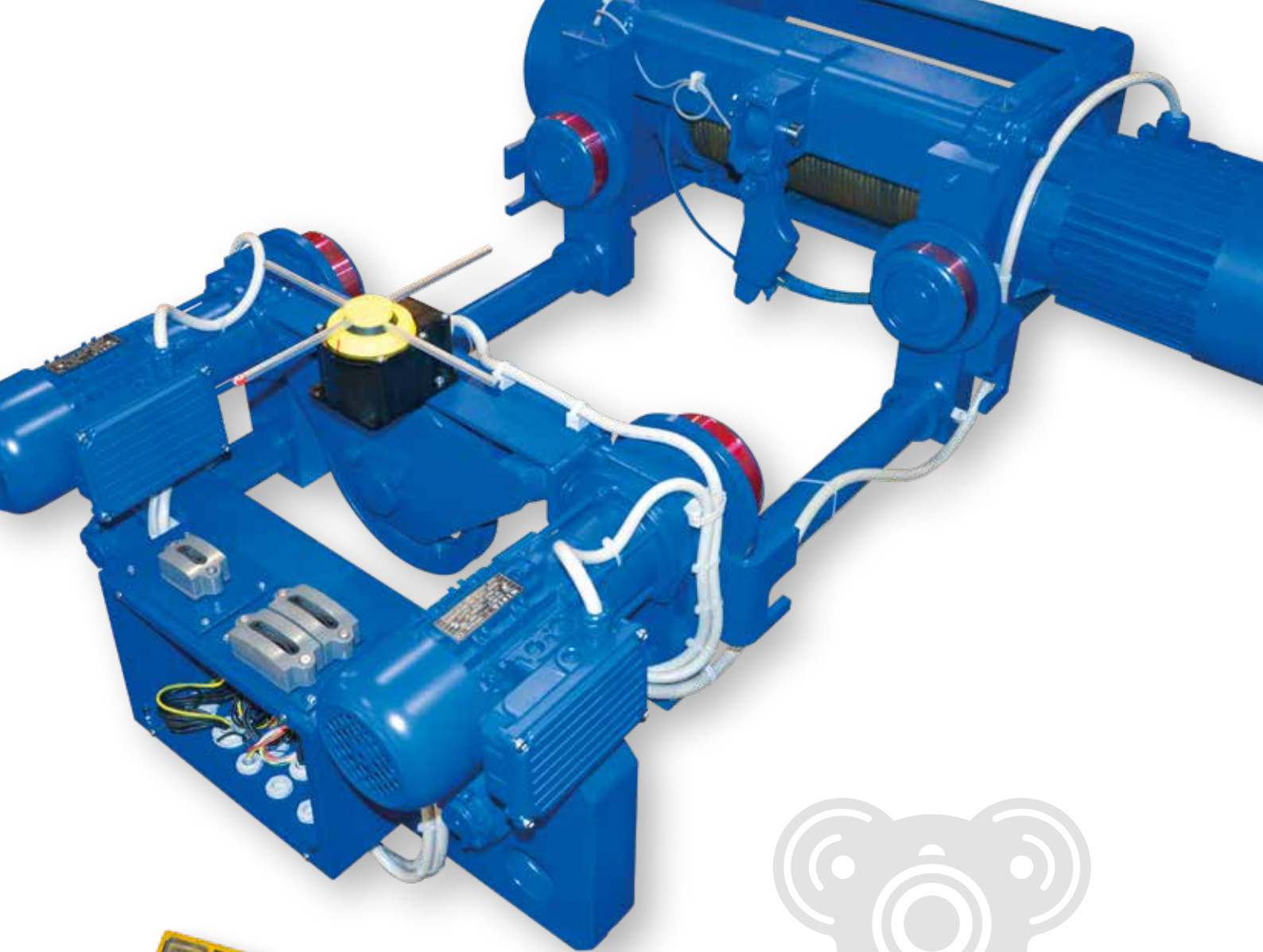
Birail trolleys

CARRELLI BITRAVE PER GRU A PONTE

BIRAIL TROLLEYS FOR BRIDGE CRANE

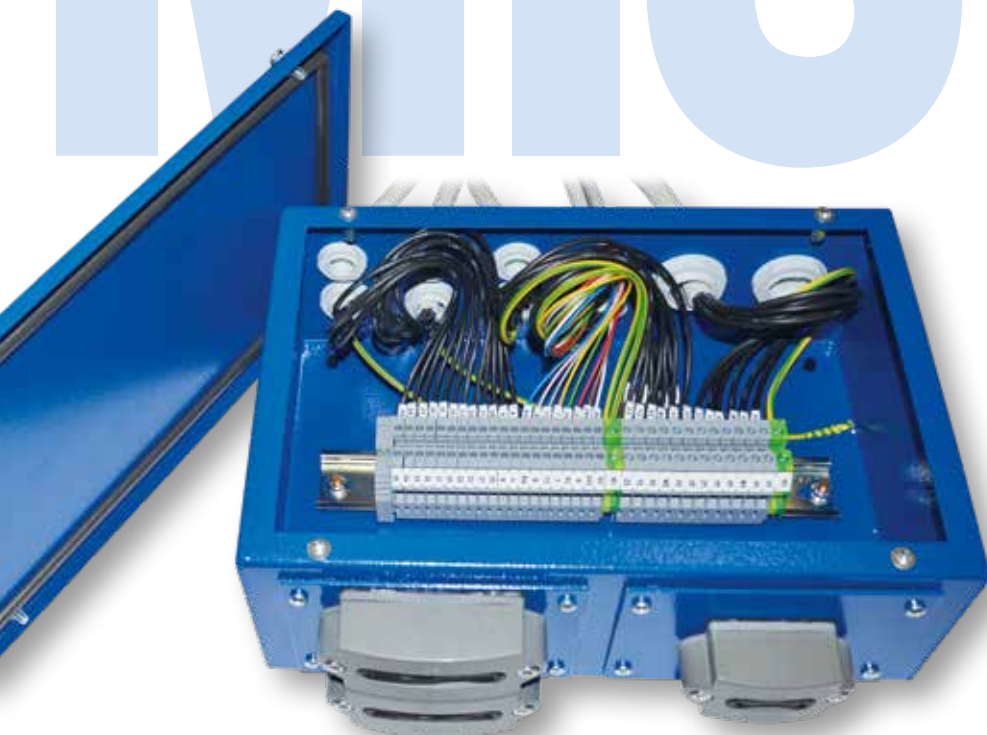


Portata max Max capacity	Dimensioni Dimensions					Velocità Speed		Potenza Power	Peso Weight
kg	Sc mm	d mm	DR mm	Lg mm	h mm	m/min	m/min	kW	Kg
6300	1000	480	160	50	175	16/5,3	20/6,5	0,37/0,12	230
10000	1000	510	160	50	175	16/5,3	20/6,5	0,55/0,18	270
16000	1200	540	200	60	220	16/5,3	20/6,5	0,75/0,25	500
25000	1450	570	250	60	270	16/5,3	20/6,5	1,5/0,55	820
32000	1450	570	320	70	345	16/5,3	20/6,5	2x1,1/0,37	1050
40000	2000	590	320	90	345	16/5,3	20/6,5	2x1,5/0,55	1850
50000	2000	590	320	90	345	16/5,3	20/6,5	2x1,5/0,55	1850





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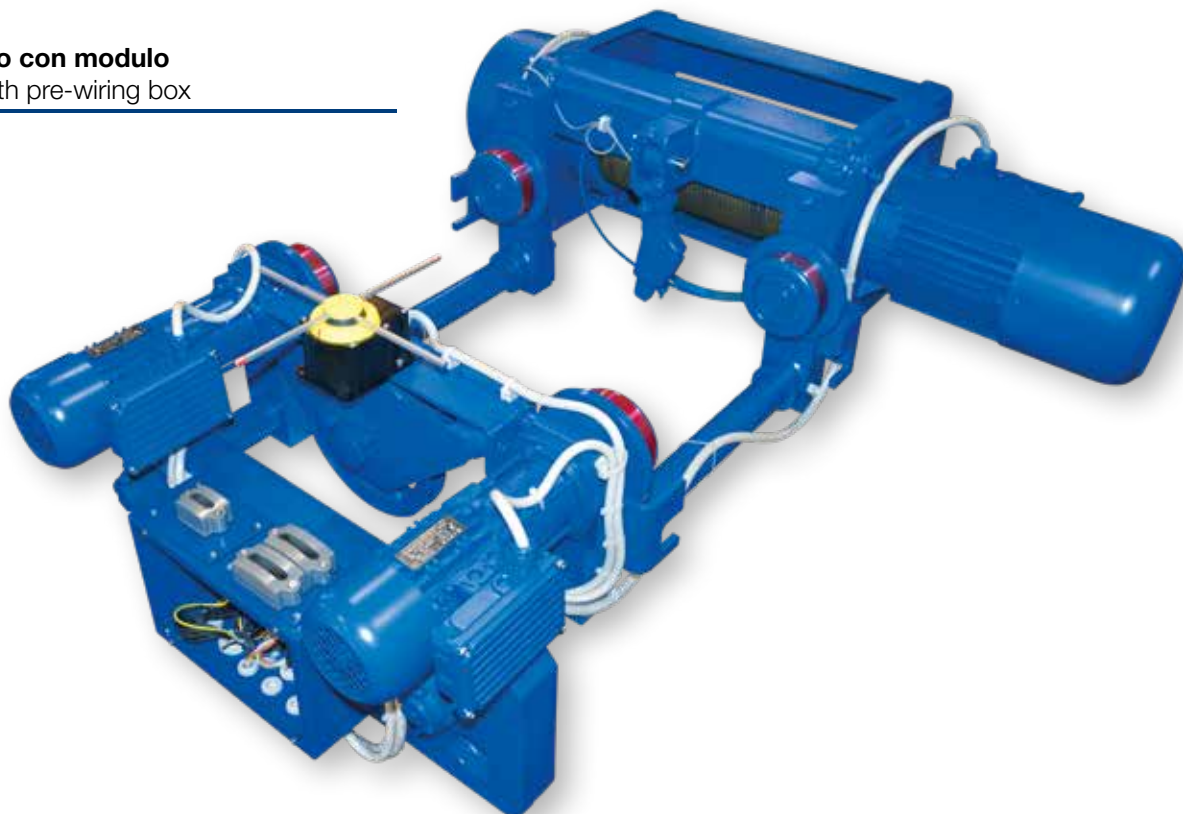
Componenti elettrici
Electrical components

Componenti elettrici

Electrical components

Paranco con modulo

Hoist with pre-wiring box



Modulo

Wiring box



Quadro elettrico con connettori per paranco; carrello paranco e gru

Electrical control panel with connectors;
hoist trolley and crane "plug and play" type



Il quadro elettrico Misia è realizzato con componenti Schneider.
Misia electric control panel is made with Schneider brand components.

Componenti elettrici

Electrical components

Quadro elettrico con morsetti e pressacavi per paranco; carrelli paranchi e gru

Electrical panel "clamps" type



Inverter

Vfd control



Pulsantiera pensile completa di cavo e connettore

Pendant push button complete of cable and plug socket



Radiocomando completo di cavo e connettore

Wireless remote control complete of cable and plug socket



Sistemi di alimentazione Power supply systems

Linee di alimentazione a festoni in canalina per percorsi rettilinei

Festoon feeding line channel for straight way



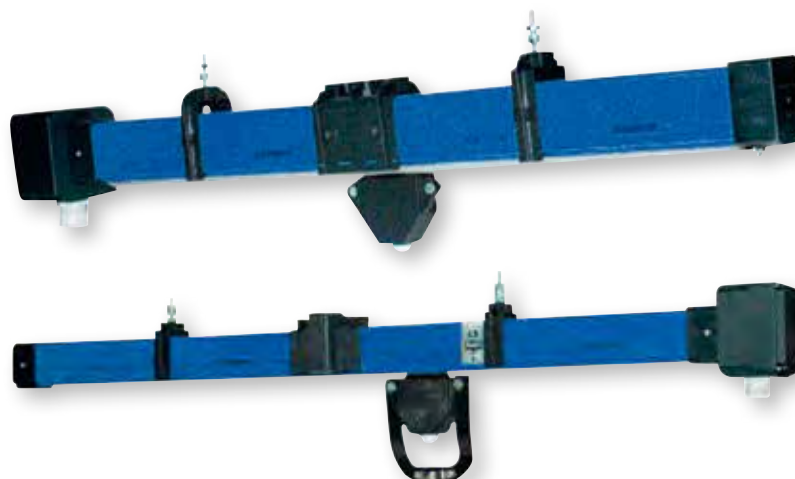
Linea di alimentazione a festoni in canalina quadra per percorsi curvi

Festoon feeding line in square channel for curved way



Blindo trolley

PVC multi-pole copper conductor (Bus bar)





MISIA



Accessori
Accessories

Bozzelli Hook blocks

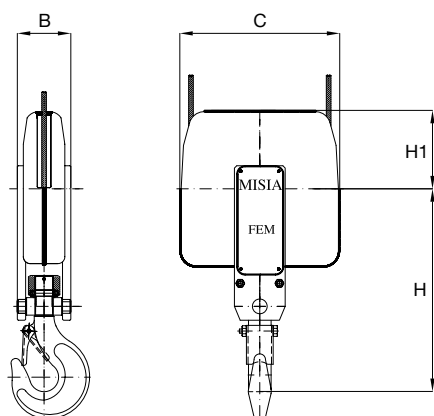
BOZZELLI A 2 TIRI DI FUNE "S2" A 4 TIRI DI FUNE "S4"

"S2" 2 ROPE FALLS

"S4" 4 ROPE FALLS HOOK BLOCKS

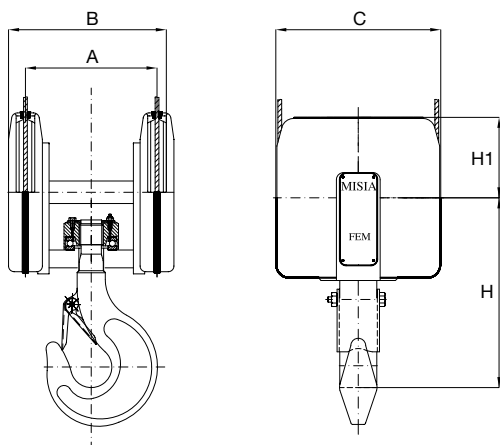


S2 (2/1) GANCI NORMA DIN 15401 - HOOKS STANDARD DIN 15401



Portata max Max capacity	Gruppo Group	Ø Fune Rope Ø	Ø Puleggia Roller Ø	Dimensioni Dimensions				Numero gancio Hook number	Peso Weight
t	FEM	mm	mm	H mm	H1 mm	B mm	C mm		Kg
1,6	2 m	7	195	330	122	95	244	1	15
3,2	2 m	10	233	375	144	105	288	1,6	25
5	2 m	12	276	440	170	125	340	2,5	35
8	2 m	15	352	525	218	145	436	4	60
10	2 m	15	352	665	218	145	436	6	90
10	3 m	20	352	665	218	145	436	10	110
12,5	2 m	20	430	665	265	165	530	6	90
16	1 Am	20	430	665	265	165	530	6	90
25	1 Am	30	565	900	340	190	680	10	140

S4 (4/1) GANCI NORMA DIN 15401 - HOOKS STANDARD DIN 15401

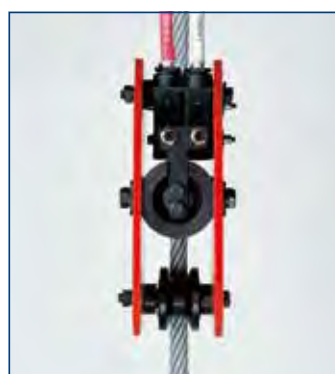


Portata max Max capacity	Gruppo Group	Ø Fune Rope Ø	Ø Puleggia Roller Ø	Dimensioni Dimensions					Numero gancio Hook number	Peso Weight
t	FEM	mm	mm	H mm	H1 mm	A mm	B mm	C mm		Kg
3,2	2 m	7	195	280	122	155	225	244	1,6	30
5	2 m	10	233	325	144	250	325	288	2,5	40
6,3	2 m	10	233	345	170	250	325	288	4	45
10	2 m	12	276	440	218	300	390	340	6	80
16	2 m	15	352	510	218	350	460	436	6	110
20	2 m	15	352	510	218	350	460	436	10	130
20	3 m	20	430	560	265	440	575	530	10	135
25	2 m	20	430	560	265	440	575	530	10	135
32	1 Am	20	430	650	265	440	575	530	16	160
50	1 Am	30	565	700	340	510	645	680	16	280

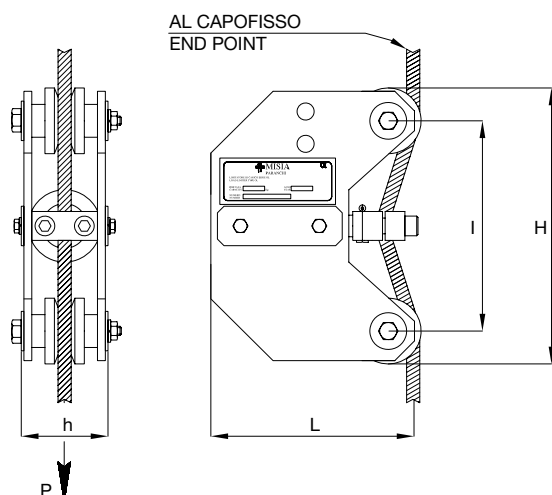
Limitatori di carico Serie OL

Overload limiter OL Series

**APPLICAZIONE DIRETTA SULLE FUNI
DEGLI APPARECCHI DI SOLLEVAMENTO**
DIRECTLY ACTING ON SINGLE PULL ROPES



LIMITATORI DI CARICO - OVERLOAD LIMITER



Tipo Type	P max kg	Ø Fune Rope Ø mm	Dimensioni Dimensions				Peso Weight Kg
			I mm	H mm	L mm	H mm	
10	1000	7 ÷ 10	120	160	135	65	3,5
25	2500	10 ÷ 14	160	210	160	80	5
50	5000	14 ÷ 20	200	295	175	120	14

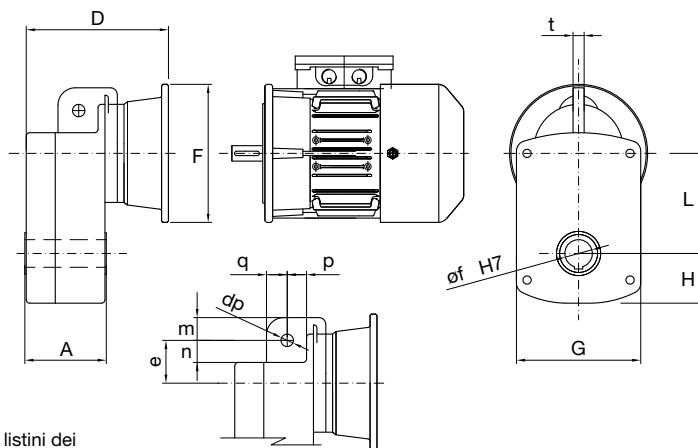


Riduttori a albero cavo Hollow shaft gear unit

RIDUTTORI A ALBERO CAVO PER CARRELLI E GRU A PONTE HOLLOW SHAFT GEAR UNIT FOR TROLLEYS AND BRIDGE CRANES

CARATTERISTICHE TECNICHE - TECHNICAL DATA

Tipo riduttore "TP" Reducer type "TP"	Ø f	L	H	G	A	m	n	q	p	e	t	Grandezza motore Motor size	F	D	Peso Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	kg
160	30	100	63	130	99	25	25	24	20	50	15	71	160	149	13
												80-90	200	169	
200	35	125	72	150	110	33	25	24	20	53	16	71	160	162	20
												80-90	200	182	
250	40	145	88	180	122	33	32	30	28	63	16	80-90	200	196	30
												100-112	250	206	
315	50	174	102	210	150	34	36	35	32	70	18	100-112	250	219	43
												132	300	229	
400	60	230	127	265	193	50	60	51	53	105	20	100-112	250	312	75
												132	300	312	



Per le quotazioni dei motorriduttori a corsa lunga, è possibile consultare i nostri listini dei carri ponte o scrivere a: export@misia.com

For motoreducers quotations of long travel motions, you can also refer to our overhead crane end carriages price lists or write to: export@misia.com

RAPPORTI DI RIDUZIONE DISPONIBILI / POTENZE MASSIME APPLICABILI AI MOTORI - AVAILABLE RATIOS / MAXIMUM MOTORS POWER

TP 160 Coppia massima Mt 250 Nm Max torque Mt 250 Nm				TP 200 Coppia massima Mt 500 Nm Max torque Mt 500 Nm				TP 250 Coppia massima Mt 800 Nm Max torque Mt 800 Nm				TP 315 Coppia massima Mt 1200 Nm Max torque Mt 1200 Nm				TP 400 Coppia massima Mt 2100 Nm Max torque Mt 2100 Nm			
2 Poli 2 Poles	2800 rpm	4 Poli 4 Poles	1400 rpm	2 Poli 2 Poles	2800 rpm	4 Poli 4 Poles	1400 rpm	2 Poli 2 Poles	2800 rpm	4 Poli 4 Poles	1400 rpm	2 Poli 2 Poles	2800 rpm	4 Poli 4 Poles	1400 rpm	2 Poli 2 Poles	2800 rpm	4 Poli 4 Poles	1400 rpm
P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x	P1 kW	i 1:x
0,55	79	0,25	79	0,75	84	0,37	84	1,5	88	0,75	88	1,5	108	0,75	108	3	114	1,5	114
0,55	70	0,25	70	1,1	70	0,55	70	1,5	79	0,75	79	2,2	93	1,1	93	3	105	1,5	105
0,55	64	0,25	64	1,1	69	0,55	69	1,5	72	0,75	72	2,2	86	1,1	86	3	95	1,5	95
0,75	58	0,37	58	1,5	57	0,75	57	1,5	66	0,75	66	2,2	78	1,1	78	4	87	1,5	87
0,75	56	0,37	56	1,5	54	0,75	54	1,5	65	0,75	65	3	70	1,5	70	4	80	2,2	80
0,75	49	0,37	49	1,5	50	0,75	50	2,2	61	1,1	61	3	65	1,5	65	4	73	2,2	73
0,75	48	0,37	48	1,5	44	0,75	44	2,2	60	1,1	60	3	60	1,5	60	4	68	2,2	68
0,75	47	0,37	47	1,5	43	0,75	43	2,2	54	1,1	54	3	59	1,5	59	5,5	63	2,2	63
0,75	45	0,37	45	1,5	41	0,75	41	2,2	52	1,1	52	3	58	1,5	58	5,5	59	3	59
0,75	43	0,37	43	2,2	40	1,1	40	2,2	50	1,1	50	3	54	1,5	54	5,5	54	3	54
1,1	39	0,55	39	2,2	35	1,1	35	2,2	48	1,1	48	4	51	1,5	51	7,5	48	3	48
1,1	36	0,55	36	2,2	33	1,1	33	3	46	1,5	46	4	46	2,2	46	7,5	44	4	44
1,1	35	0,55	35	2,2	32	1,1	32	3	39	1,5	39	4	45	2,2	45	9,2	36	4	36
1,1	33	0,55	33	3	27	1,5	27	3	36	1,5	36	4	41	2,2	41	11	32	5,5	32
1,1	30	0,55	30	3	25	1,5	25	4	27	2,2	27	5,5	35	3	35				
1,5	29	0,75	29	4	22	1,5	22	5,5	20	3	20	5,5	29	3	29				
1,5	28	0,75	28	4	20	2,2	20					7,5	27	3	27				
1,5	27	0,75	27	4	18	2,2	18					9,2	20	4	20				
1,5	22	0,75	22																
1,5	21	0,75	21																
2,2	20	1,1	20																
2,2	16	1,1	16																
3	13	1,5	13																

Caratteristiche motori / Motors characteristics: (N° avv/h = 180 - S.I. 40% - Vel. aux 15%)



Crane kits for single girder cranes

MISIA provides solutions for new and existing cranes.

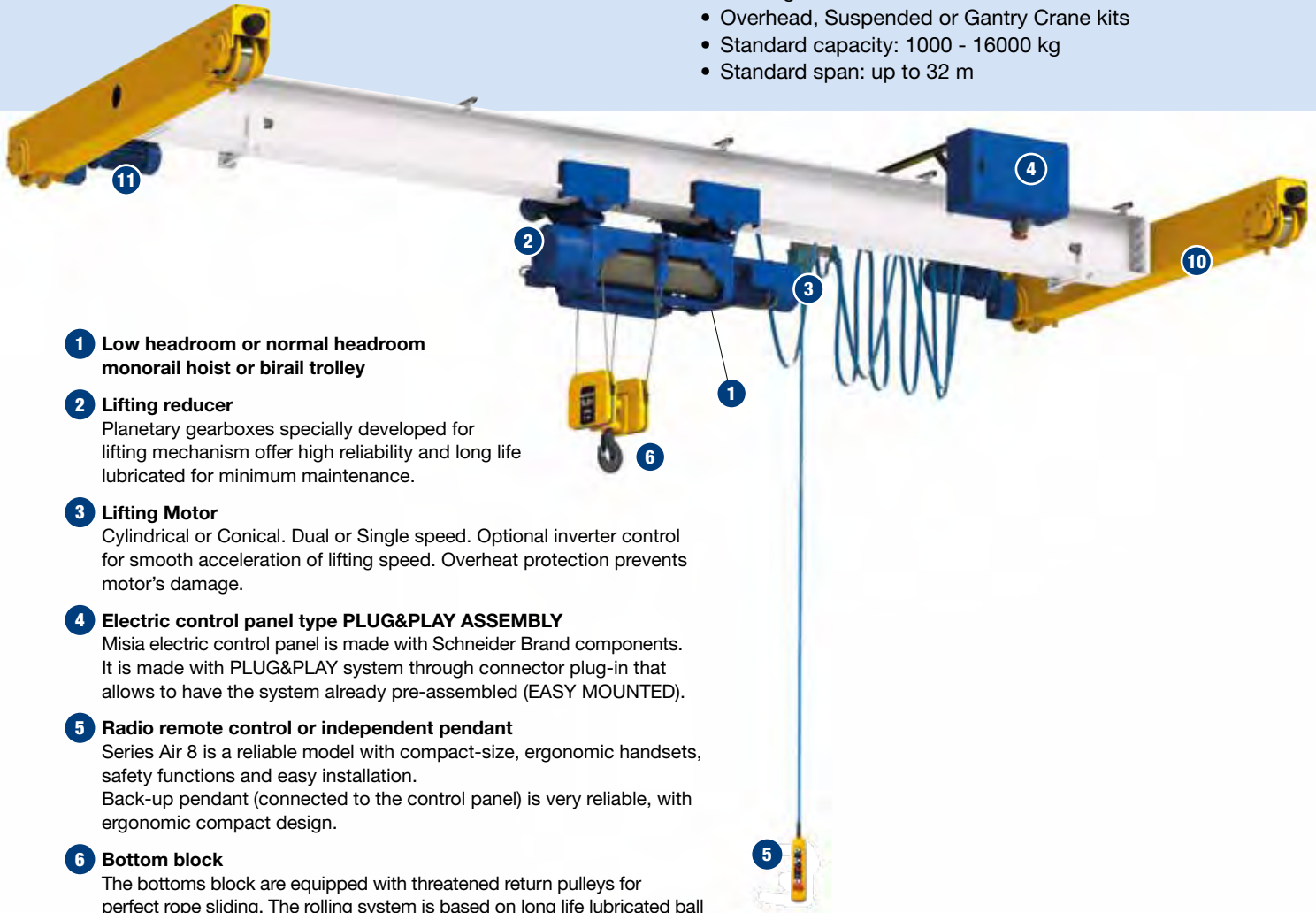


Components can be individually engineered to suit different requirements. All our products and components are designed, engineered and manufactured in Europe, in compliance with the European standards (CE mark). MISIA components follow latest innovations in the field of crane building using 35-years experience and know-how of worldwide partners.

Single Girder Cranes

Compact construction allowing maximum utilization of room height:

- Overhead, Suspended or Gantry Crane kits
- Standard capacity: 1000 - 16000 kg
- Standard span: up to 32 m



1 Low headroom or normal headroom monorail hoist or birail trolley

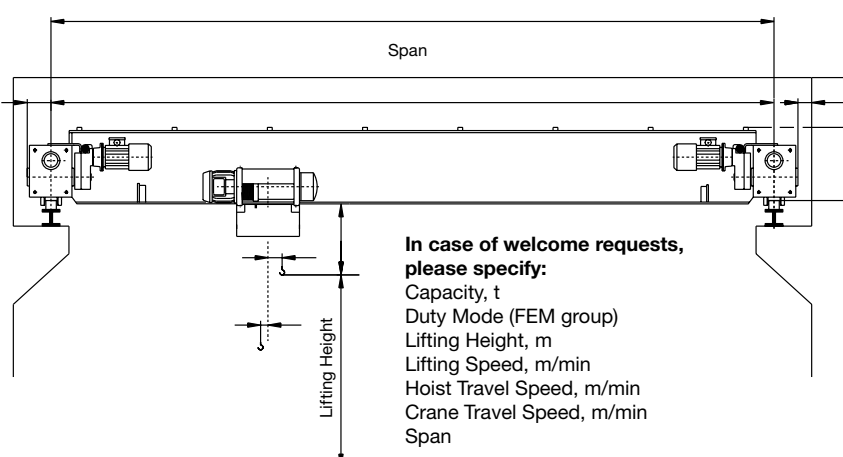
2 Lifting reducer
Planetary gearboxes specially developed for lifting mechanism offer high reliability and long life lubricated for minimum maintenance.

3 Lifting Motor
Cylindrical or Conical. Dual or Single speed. Optional inverter control for smooth acceleration of lifting speed. Overheat protection prevents motor's damage.

4 Electric control panel type PLUG&PLAY ASSEMBLY
Misia electric control panel is made with Schneider Brand components. It is made with PLUG&PLAY system through connector plug-in that allows to have the system already pre-assembled (EASY MOUNTED).

5 Radio remote control or independent pendant
Series Air 8 is a reliable model with compact-size, ergonomic handsets, safety functions and easy installation. Back-up pendant (connected to the control panel) is very reliable, with ergonomic compact design.

6 Bottom block
The bottoms block are equipped with threatened return pulleys for perfect rope sliding. The rolling system is based on long life lubricated ball bearings. The hook type DIN 15401 (single hook) or 15402 (double hook) is made of high resistance pressed steel, it has always a safety catch.



In case of welcome requests, please specify:

Capacity, t
Duty Mode (FEM group)
Lifting Height, m
Lifting Speed, m/min
Hoist Travel Speed, m/min
Crane Travel Speed, m/min
Span

Standard MISIA Crane Kits:

- Hoist unit including trolley mechanism and electrical control panel
- End-carriages with plates, buffers and travel drives
- Crane Control Panel
- Control (RRC or pendant)
- Festoon system - preassembled type plug-in
- Accessories (lights, towing arms, panel holders, brackets, etc)
- All electric system will be delivered just pre-assembled with plug-in connectors
- Bus-bar Conductor Systems

Optional Devices for MISIA Crane Kit:

- Inverter control for lifting
- Anti-collision devices
- Load LED display
- Horn
- Drawings for main girder fabrication

Crane kits for double girder cranes

MISIA products are well known by the market for their high quality-price ratio and for the effectiveness of our pre-post sale service.



Advantages for the customer:

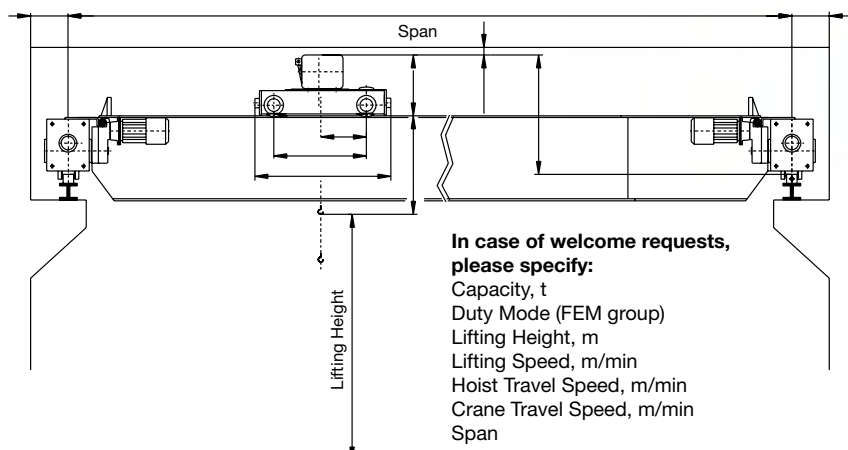
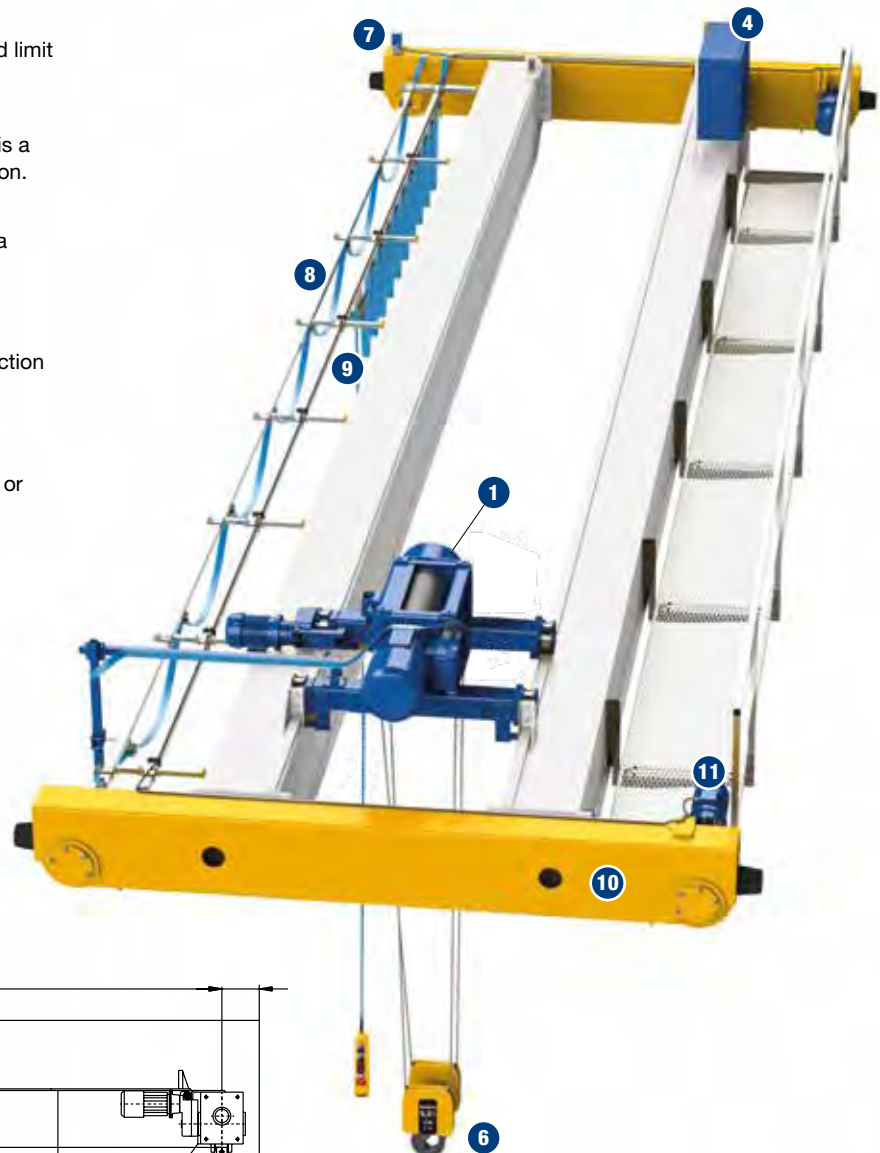
- Reduced transport costs
- Reduced manufacturing costs of the crane by using the preset components
- Reduced on-side installation time by Plug&Play MISIA crane kits.

Double Girder Cranes

Applied when greater capacity and higher operation required. In equal conditions double girder cranes offer greater lifting heights:

- Overhead or Gantry Crane kits
- Standard capacity: 2000 - 50000 kg
- Standard span: up to 32 m

- 7 Crane limit switch**
Travel limit switches for cross and long travel - pre- and limit switching in both directions of travel.
- 8 Festoon system (plug-in type)**
European made cable carrying line in galvanized steel is a handy, efficient and safe system for electrical distribution.
- 9 Sliding independent push button feeding line**
European made cable carrying line galvanized steel is a handy, efficient and safe system.
- 10 End carriages (for monorail or birail crane)**
Standard and customized.
End carriages for EOT cranes with TOP or SIDE connection plates.
Buffer stops are always included in the supply.
- 11 Crane travel drives**
Low maintenance gear motor suitable for both inverter or contactor control.



**In case of welcome requests,
please specify:**
Capacity, t
Duty Mode (FEM group)
Lifting Height, m
Lifting Speed, m/min
Hoist Travel Speed, m/min
Crane Travel Speed, m/min
Span



Manuale ricambi Spare parts catalogue

IL MANUALE DEI RICAMBI ORIGINALI MISIA PARANCHI È DISPONIBILE ALLA PAGINA:

THE ORIGINAL SPARE PARTS MANUAL MISIA HOISTS IS AVAILABLE AT PAGE:

LE MANUEL D'UTILISATION DES PIÈCES DE RECHANGE MISIA PARANCHI IL EST DISPONIBLE SUR LA PAGE:

EL MANUAL DE PIEZAS DE REPUESTO MISIA PARANCHI ESTÁ DISPONIBLE EN LA PÁGINA:

www.misia.com

misia.com

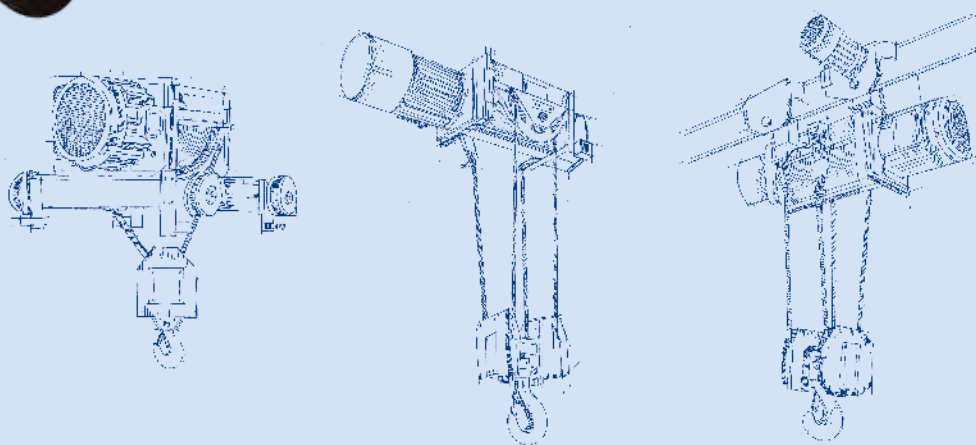




MISIA

Paranchi elettrici a fune Serie XM

Wire rope hoists
XM Series



Misia Paranchi srl Via dei Lavoratori 9/11 - 20092 Cinisello Balsamo (Milano) Italia
Tel. +39 02 61298983 - Fax +39 02 6121769 - www.misia.com - export@misia.com

08/07/2021



Misia Paranchi srl
Via dei Lavoratori 9/11
20092 Cinisello Balsamo (Milano) Italia
Tel. +39 02 61298983 - Fax +39 02 6121769
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