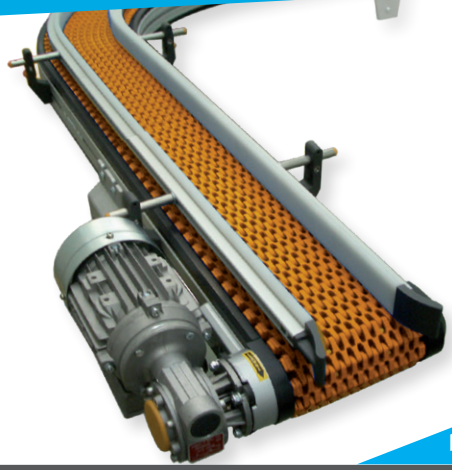
5

PROGRAMMA DI PRODUZIONE
PRODUCTION PROGRAM



Antinfortunistico!
Safety solution!

MC103 SERIES

156
232
307
383

Components for Chain Conveyors System

Parts 3D

BETTSISTEMI

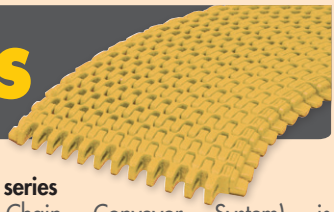
PARTNER FOR SYSTEMS IN FLEXIBLE AUTOMATION AND THE SAFETY OF MACHINES

www.bettsistemi.com

CATALOGO COMPLETO
COMPLETE CATALOGUE



MC103 SERIES



La **Serie MC103** (Modular Chain Conveyor System), è caratterizzata dalla **CATENA MODULARE** in tecnopolimero che attribuisce al sistema di trasporto caratteristiche differenti rispetto agli altri sistemi di trasporto a catena e rappresenta un'ottima alternativa ai trasportatori a tappeto, in particolare quando il percorso da realizzare prevede cambi di direzione o curve che il tappeto non consente di realizzare.
La Serie MC103 si contraddistingue per alcune caratteristiche fondamentali, quali:
FLESSIBILITA' E MODULARITA' grazie alla catena a maglia modulare, disponibile da una larghezza di 156 mm fino a 383 mm, la serie MC103 permette la realizzazione di configurazioni rettilinee, curvilinee o inclinate con curve verticali;
SILENZIOSITA' di funzionamento, rispetto ai tradizionali trasportatori con catena a tapparella (Esempio: Catena L = 307 mm, Velocità = 70 m/min, Rumorosità **< 70 dB**);
SICUREZZA la catena modulare, non offrendo appigli, rende il sistema particolarmente ANTINFORTUNISTICO;
EFFICIENZA in termini di energia;
AFFIDABILITA' senza richiedere particolari manutenzioni.
La Serie MC103 inoltre è particolarmente indicata per trasportare prodotti a base non rigida e/o ingombranti che necessitano della stabilità che solo una catena larga e senza interruzioni in curva può offrire. Nel fine linea, per collegarsi alle macchine d'imballaggio, il sistema a catena modulare BETT trova il suo impiego ideale.
La sagoma della catena garantisce stabilità e integrità del prodotto, soprattutto per applicazioni in accumulo, e consente una facile pulizia della superficie.

Settori di applicazione: packaging, industria cartiera, industria alimentare.

Naturalmente è possibile montare tutti gli accessori della linea B-Flex, per il contenimento e il controllo del prodotto.

The **MC103 series** (Modular Chain Conveyor System) is characterised by the **MODULAR CHAIN** in technopolymer making this conveying system different from other chain conveyor systems and an excellent alternative to belt conveyors, in particular when the path to be travelled includes changes of direction or curves which a belt does not allow.
The MC103 series stands out for some basic features, such as:
FLEXIBILITY AND MODULARITY thanks to the modular mesh chain available in widths of 156 mm to 383 mm, the MC103 series allows rectilinear or curvilinear configurations or inclined with vertical curves;
QUIET OPERATION compared to conventional tabletop chain conveyors (e.g. Chain L = 307 mm, Speed = 70 m/min, Noise **< 70 dB**);
SAFETY as the modular chain has no hooking or attachment points, the system features a high level of SAFETY;
EFFICIENCY in terms of energy;
RELIABILITY without requiring any particular maintenance.
The MC103 series is moreover particularly suitable for conveying products with a non-rigid base and/or bulky products that require stability, that only a wide chain without interruptions can provide. The BETT modular chain system finds its best use at the end of a line to connect to packaging machines.
The shape of the chain assures product stability and integrity, especially for accumulation applications, and the surface is easy to clean.

Sectors of application: packaging, paper industry, food industry.

You can fit all the accessories of the B-Flex line for product containment and control.

BETT SISTEMI
Original COMPONENTS

Conveyors components collection













Per essere sempre aggiornato:

www.bettsistemi.com

Bett Sistemi Srl - **Sede legale:** Via N. Biondo, 2 - 41012 Carpi (MO)
Stabilimento: Via della Costituzione, 55 - 42015 Correggio (RE)
Tel. +39 0522 635111 - Fax. +39 0522 635222 - bsistemi@bettsistemi.com
R.E.A. MO n. 278086 - P.IVA e C.F. 02262780360 - Cod. Ident. IVA CEE IT 02262780360
Registro Imprese n° 02262780360 - EXPORT MO 028777

Pubbl. 04648 -Rev.00 - 08/2021




SPIRALLIFT
SERIE 100
BETT
SPIRAL LIFT SERIE 100













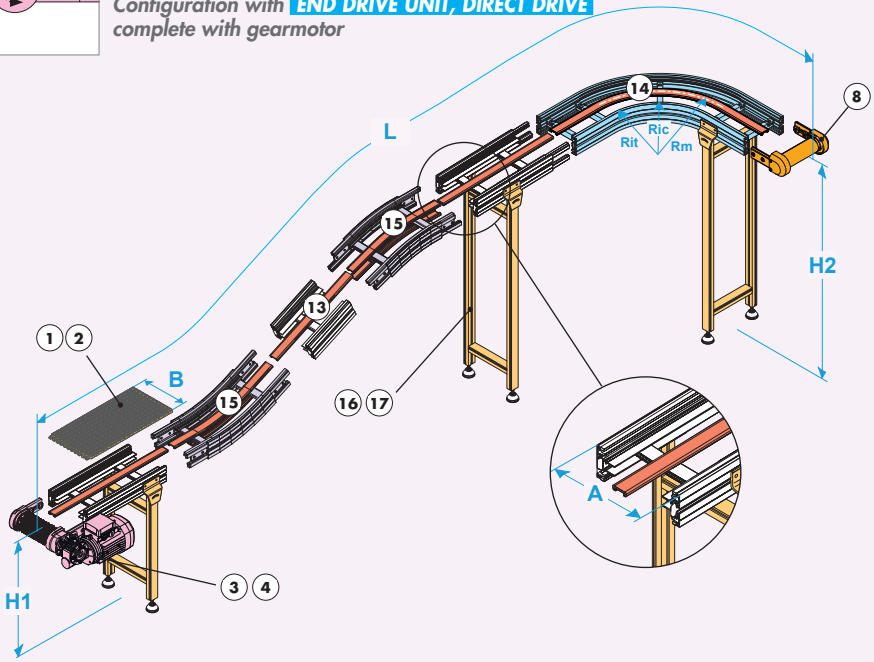








Configurazione con TRAINO DI TESTA A FISSAGGIO DIRETTO completo di motoriduttore
Configuration with END DRIVE UNIT, DIRECT DRIVE complete with gearmotor



LEGENDA DATI TECNICI / *TECHNICAL DATA LEGEND*:

A = LARGHEZZA MODULO/ *MODULE WIDTH*
B + 45,5 mm

B = LARGHEZZA CATENA/ *CHAIN WIDTH*

156 mm
232 mm
307 mm
} STANDARD *

* Per ulteriori larghezze contattare il nostro ufficio commerciale
For further dimensions please contact our Sales Department

Ric = RAGGIO INTERNO CATENA/*CHAIN INTERNAL RADIUS*
(vedi tabella catene/*see chains table*)

Rit = RAGGIO INTERNO CURVA/*BEND INTERNAL RADIUS*
Rm - (A/2)

Rm = RAGGIO MEDIO CURVA/*BEND CENTRAL RADIUS*
(vedi tabella curve/*see bends table*)

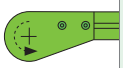
H1 = ALTEZZA DEL PIANO DI LAVORO (IN USCITA)/
HEIGHT FROM WORK LEVEL TO GROUND (OUTGOING)

H2 = ALTEZZA DEL PIANO DI LAVORO (IN ENTRATA)/
HEIGHT FROM WORK LEVEL TO GROUND (INCOMING)

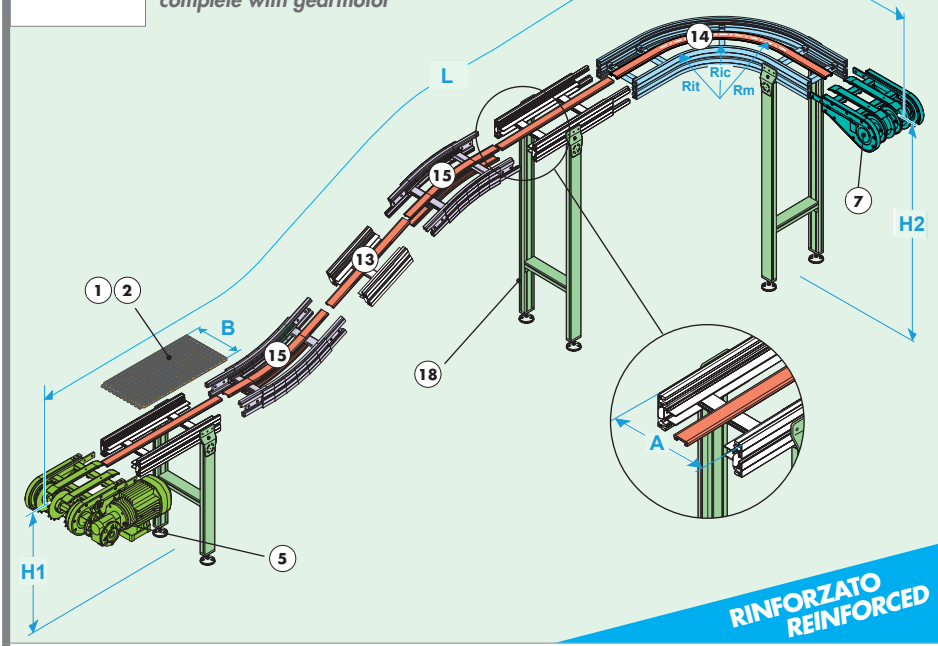
L = LUNGHEZZA MASSIMA DEL CONVOGLIATORE/
MAXIMUM LENGHT OF CONVEYOR
8.000 mm

Velocità massima/*Maximum speed* = 44 m/min

Peso trasportabile/*Trasportable weight* = 20 Kg (Total)



Configurazione con TRAINO DI TESTA A FISSAGGIO DIRETTO RINFORZATO completo di motoriduttore
Configuration with REINFORCED END DRIVE UNIT, DIRECT DRIVE complete with gearmotor



LEGENDA DATI TECNICI / *TECHNICAL DATA LEGEND*:

A = LARGHEZZA MODULO/ *MODULE WIDTH*
B + 45,5 mm

B = LARGHEZZA CATENA/ *CHAIN WIDTH*

156 mm 383 mm
232 mm
307 mm
STANDARD *

* Per ulteriori larghezze contattare il nostro ufficio commerciale
For further dimensions please contact our Sales Department

Ric = RAGGIO INTERNO CATENA/*CHAIN INTERNAL RADIUS*
(vedi tabella catene/*see chains table*)

Rit = RAGGIO INTERNO CURVA/*BEND INTERNAL RADIUS*
Rm - (A/2)

Rm = RAGGIO MEDIO CURVA/*BEND CENTRAL RADIUS*
(vedi tabella curve/*see bends table*)

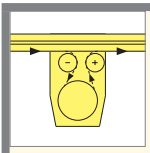
H1 = ALTEZZA DEL PIANO DI LAVORO (IN USCITA)/
HEIGHT FROM WORK LEVEL TO GROUND (OUTGOING)

H2 = ALTEZZA DEL PIANO DI LAVORO (IN ENTRATA)/
HEIGHT FROM WORK LEVEL TO GROUND (INCOMING)

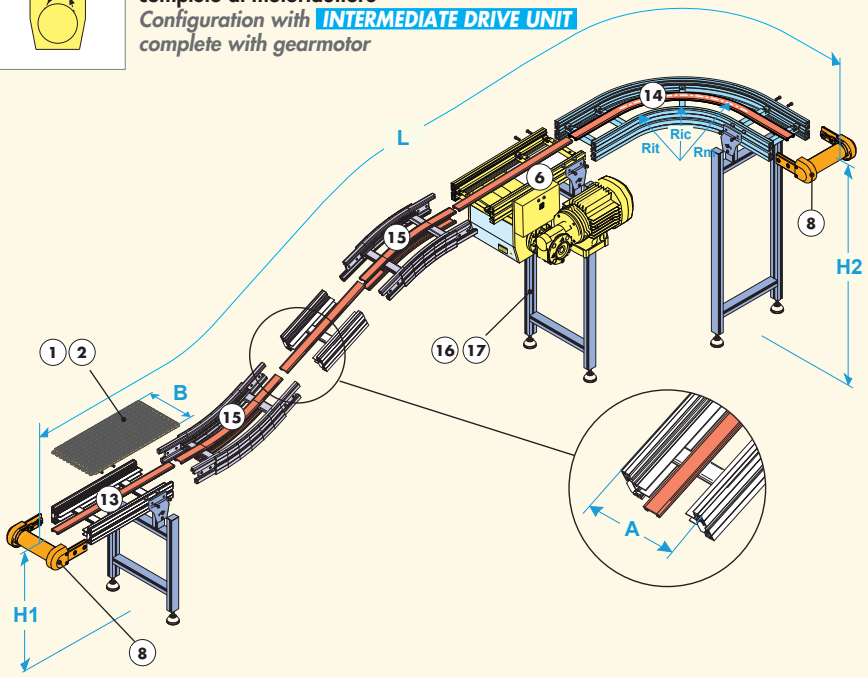
L = LUNGHEZZA MASSIMA DEL CONVOGLIATORE/
MAXIMUM LENGHT OF CONVEYOR
12.000 mm

Velocità massima/*Maximum speed* = 45 m/min

Peso trasportabile/*Trasportable weight* = 30 Kg (Total)



Configurazione con TRAINO INTERMEDIO completo di motoriduttore
Configuration with INTERMEDIATE DRIVE UNIT complete with gearmotor



LEGENDA DATI TECNICI / *TECHNICAL DATA LEGEND*:

A = LARGHEZZA MODULO/ *MODULE WIDTH*
B + 45,5 mm

B = LARGHEZZA CATENA/ *CHAIN WIDTH*

156 mm	383 mm	STANDARD *
232 mm		
307 mm		

* Per ulteriori larghezze contattare il nostro ufficio commerciale
For further dimensions please contact our Sales Department

Ric = RAGGIO INTERNO CATENA/*CHAIN INTERNAL RADIUS*
(vedi tabella catene/*see chains table*)

Rit = RAGGIO INTERNO CURVA/*BEND INTERNAL RADIUS*
Rm - (A/2)

Rm = RAGGIO MEDIO CURVA/*BEND CENTRAL RADIUS*
(vedi tabella curve/*see bends table*)

H1 = ALTEZZA DEL PIANO DI LAVORO (IN USCITA)/
HEIGHT FROM WORK LEVEL TO GROUND (OUTGOING)

H2 = ALTEZZA DEL PIANO DI LAVORO (IN ENTRATA)/
HEIGHT FROM WORK LEVEL TO GROUND (INCOMING)

L = LUNGHEZZA MASSIMA DEL CONVOGLIATORE/
MAXIMUM LENGHT OF CONVEYOR
4.000 mm

Velocità massima/*Maximum speed* = 53 m/min

Peso trasportabile/*Trasportable weight* = 30 Kg (Total)

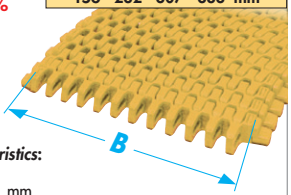
CATENE / *CHAINS*

A GRIGLIA CHIUSA
CLOSED GRID

Larghezze catena/*Chain width*
B
156 - 232 - 307 - 383 mm

Superficie aperta al **47%**
Surface **47%** *open*

Materiale/*Material*:
Resafon
Colore/*Colour*:
Giallo/*Yellow* RAL1006
Caratteristiche/*Characteristics*:
Passo/*Pitch*: 25,4 mm
Spessore/*Thickness*: 13,1 mm



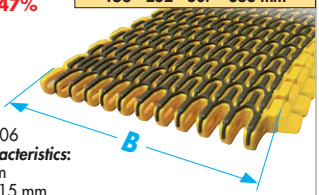
Ric (raggio interno catena/*chain internal radius*) = **2,3 x B** (1)

CON SUPERFICIE GOMMATA
WITH RUBBERIZED SURFACE

Larghezze catena/*Chain width*
B
156 - 232 - 307 - 383 mm

Superficie aperta al **47%**
Surface **47%** *open*

Materiale/*Material*:
Resafon PPG
Colore/*Colour*:
Giallo/*Yellow* RAL1006
Caratteristiche/*Characteristics*:
Passo/*Pitch*: 25,4 mm
Spessore/*Thickness*: 15 mm

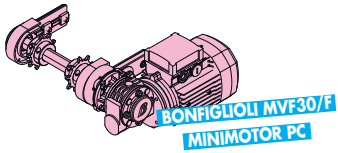


Ric (raggio interno catena/*chain internal radius*) = **2,3 x B** (2)

A richiesta si realizzano catene idonee al contatto con prodotti alimentari / *Chains suitable for contact with food are available on request*

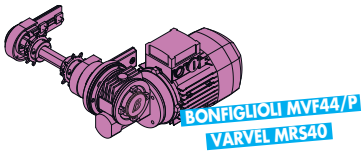
GRUPPI DI TRAINO E RINVIO / *DRIVE AND IDLER UNITS*

Gruppo di traino **DI TESTA DIRETTO**
End drive unit, ***DIRECT DRIVE***



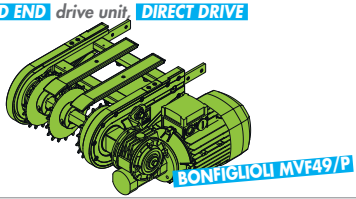
(3)

Gruppo di traino **DI TESTA DIRETTO**
End drive unit, ***DIRECT DRIVE***



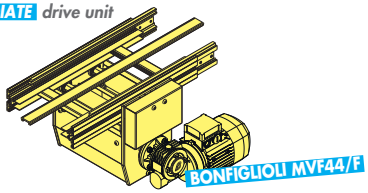
(4)

Gruppo di traino **DI TESTA DIRETTO RINFORZATO**
REINFORCED END *drive unit,* ***DIRECT DRIVE***



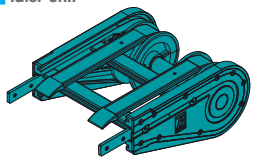
(5)

Gruppo di traino **INTERMEDIO**
INTERMEDIATE *drive unit*



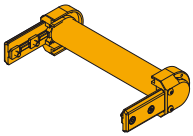
(6)

Gruppo di rinvio **RINFORZATO**
REINFORCED *idler unit*



(7)

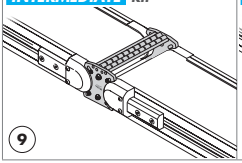
Gruppo di rinvio **STANDARD**
STANDARD *idler unit*



(8)

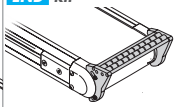
KIT DI TRASFERIMENTO PRODOTTO A RULLINI / *KIT FOR TRASFERING PRODUCT BY ROLLS*

Kit **INTERMEDIO**
INTERMEDIATE *kit*



(9)

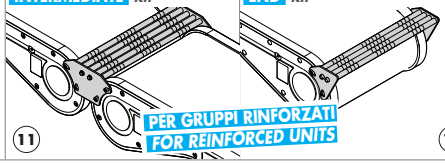
Kit **TERMINALE**
END *kit*



(10)

Kit **INTERMEDIO**
INTERMEDIATE *kit*

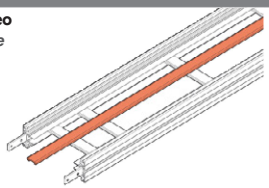
Kit **TERMINALE**
END *kit*



(11) (12)

MODULI RETTILINEI E CURVE / *STRAIGHT MODULES AND BENDS*

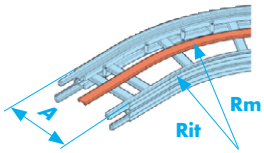
Modulo rettilineo
Straight module



13

	Larghezze catena / *Chain width* B (mm)			
	156	232	307	383
A	200,4	276,9	352,5	428,5

Curva piana a strisciamento
Plain bend

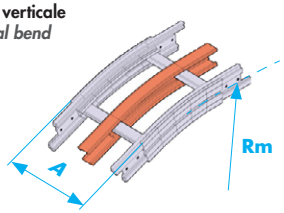


14

α
15°±1°
30°±1°
45°±1°
60°±1°
90°±1°

	Larghezze catena / *Chain width* B (mm)			
	156	232	307	383
A	200,4	276,9	352,5	428,5
Rit	349	562	724	886
Rm	450	700	900	1100

Curva verticale
Vertical bend



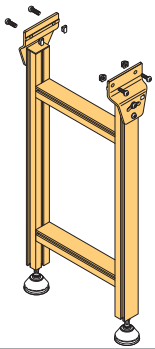
15

α
10°
15°
20°
25°
30°

	Larghezze catena / *Chain width* B (mm)			
	156	232	307	383
A	200,4	276,9	352,5	428,5
Rm	690	690	690	690

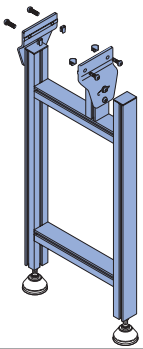
SOSTEGNI / *SUPPORTS*

VERSIONE STRETTA
NARROW VERSION



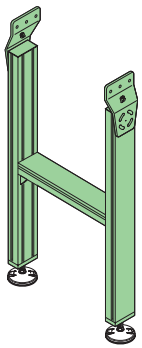
16

VERSIONE ALLARGATA
EXTENDED VERSION



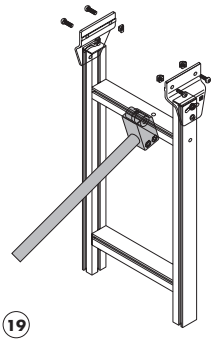
17

VERSIONE RINFORZATA
REINFORCED VERSION



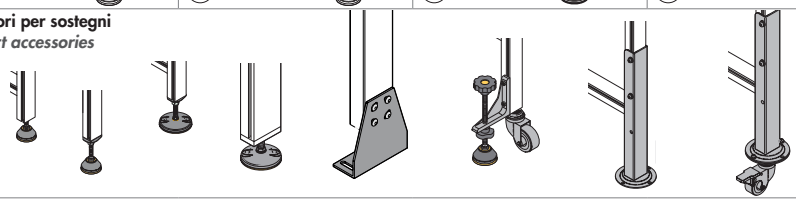
18

Kit di collegamento sostegni
Supports connection kit



19

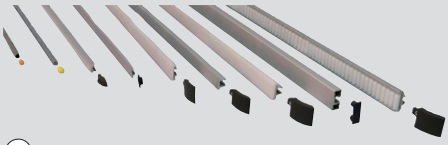
Accessori per sostegni
Support accessories



20

ACCESSORI / ACCESSORIES

Guide di contenimento
Containment guides



21

Supporti per guide di contenimento
Supports for containment guides



22

Kit ed accessori per guide di contenimento
Kits and accessories for containment guides



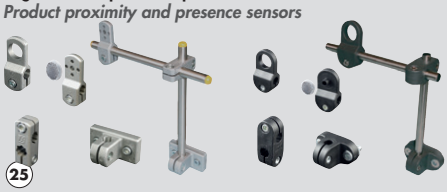
23

Cambio formato manuale
Manual format change



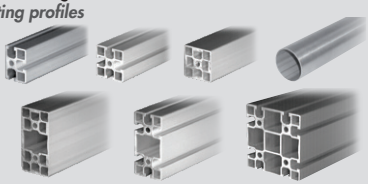
24

Segnalazione presenza prodotto
Product proximity and presence sensors



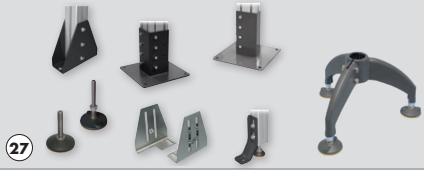
25

Profilati di sostegno
Supporting profiles



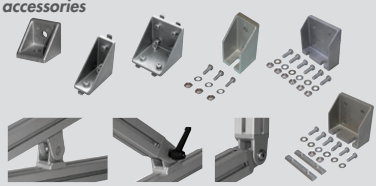
26

Basi di sostegno
Support bases



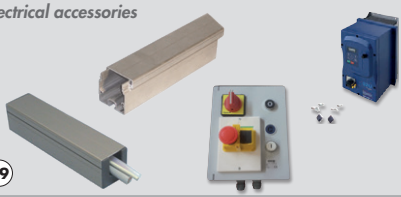
27

Accessori di sostegno
Support accessories



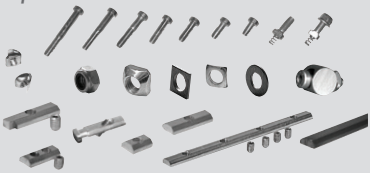
28

Accessori elettrici
Electrical accessories



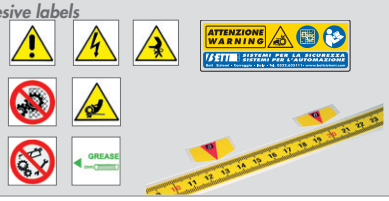
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Elementi di fissaggio
Fixing components



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Etichette adesive
Adhesive labels



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BETT SISTEMI
Original
COMPONENTS