

TECNIDEA CIDUE
S.r.l.



PRESENTAZIONE ARTICOLI / PRODUCT RANGE

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TECNOLOGIA

• **Forza di spinta:**

Tutti gli elementi elastici BLU sono caratterizzati da quattro diverse taglie tra cui scegliere:

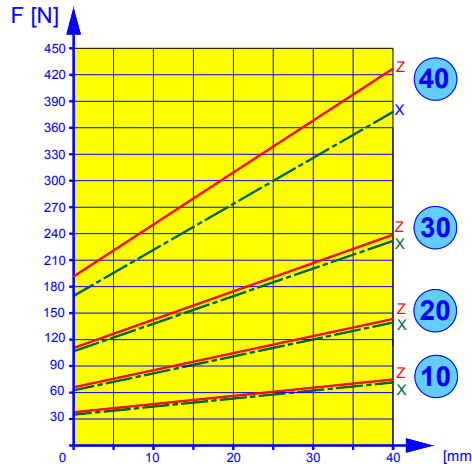
Elementi con una molla:

Taglia	Molla zincata	Molla inox
10	36 – 79 N	35 – 77 N
20	64 – 142 N	63 – 139 N
30	108 – 239 N	105 – 233 N
40	194 – 430 N	171 – 380 N

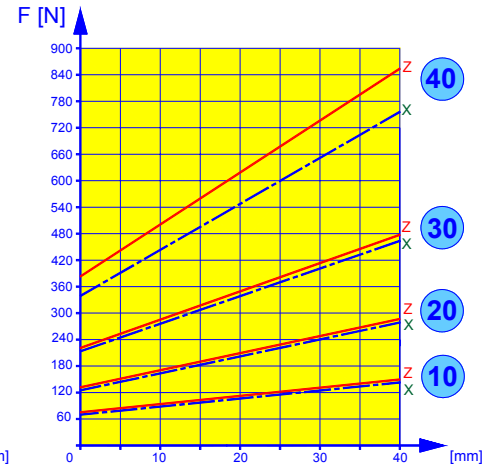
Elementi con due molle:

Taglia	Molla zincata	Molla inox
10	72 – 158 N	70 – 154 N
20	128 – 284 N	126 – 278 N
30	216 – 478 N	210 – 466 N
40	388 – 860 N	342 – 760 N

Diagramma di carico



Con una molla

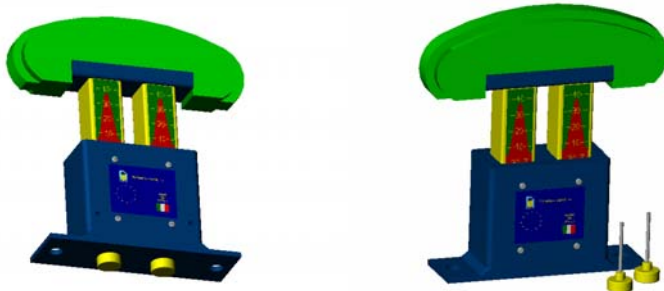


Con due molle

• **Istruzioni di montaggio:**

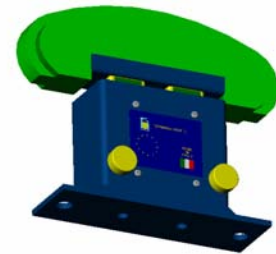
Tutti gli elementi elastici BLU con corpo scatolare hanno un sistema di precarica per facilitare le operazioni di montaggio.

Fase 1



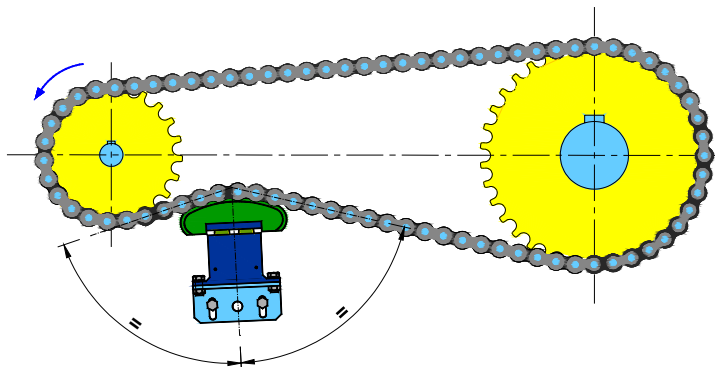
Estrarre i pioli di precarica di colore giallo dal fondo del corpo.

Fase 2



Comprimere il tenditore ed inserire i pioli di precarica nei fori presenti sul corpo.

Fase 3



Posizionare il tenditore nella trasmissione sul ramo lento e vicino al pignone motore.
Rimuovere i pioli di precarica. Durante l'operazione di montaggio, inoltre, bisogna prestare attenzione agli angoli di posizionamento: l'angolo tra l'asse della catena in "entrata" al tenditore e l'asse del tenditore deve essere uguale all'angolo tra l'asse della catena in "uscita" dal tenditore e l'asse del tenditore.

Durante le manutenzioni verificare la corsa rimanente del tenditore mediante la scala graduata presente sulle colonne del tenditore:

- 20-40: Prevalenza colore verde → ideale
- 10-20: Prevalenza colore rosso → accettabile
- 10- 0: Rosso → necessità di ripristino condizioni di lavoro.



TECHNOLOGY

• *Pushing force:*

All BLU elastic elements are characterized by four different sizes to choose from:

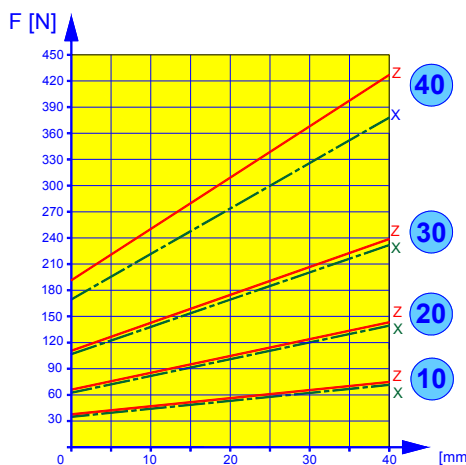
Elements with one spring:

Size	Zinc plated spring	Stainless steel spring
10	36 – 79 N	35 – 77 N
20	64 – 142 N	63 – 139 N
30	108 – 239 N	105 – 233 N
40	194 – 430 N	171 – 380 N

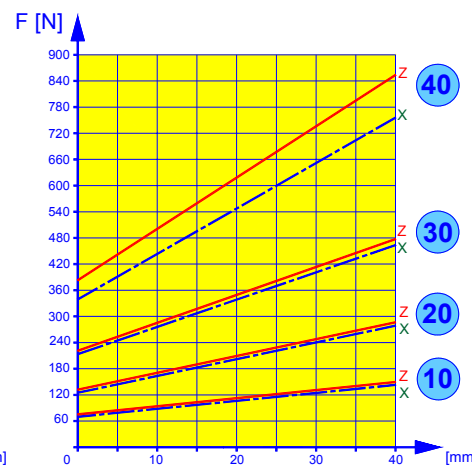
Elements with two springs:

Size	Zinc plated spring	Stainless steel spring
10	72 – 158 N	70 – 154 N
20	128 – 284 N	126 – 278 N
30	216 – 478 N	210 – 466 N
40	388 – 860 N	342 – 760 N

Loading diagram



With one spring

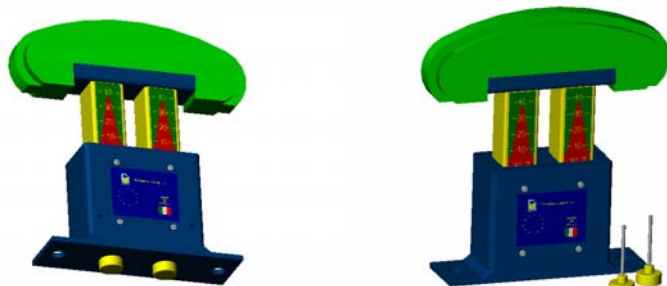


With two springs

• *Assembly instructions:*

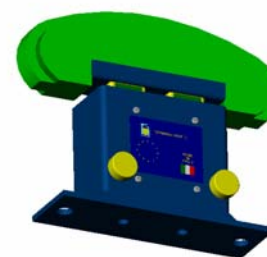
All BLU elements with box-shaped body have a preloading system to simplify the assembly operations.

Phase 1



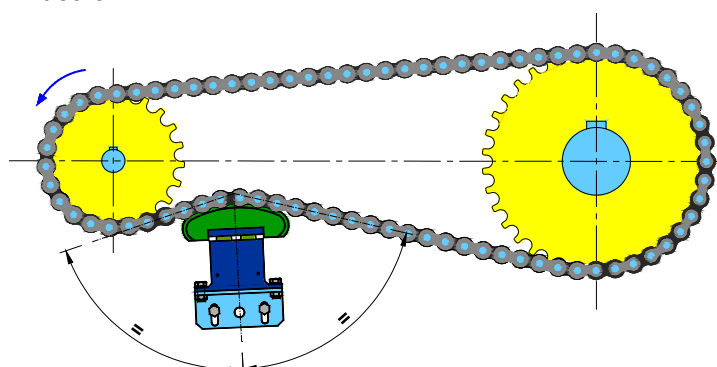
Extract the yellow preloading pins from the bottom of the body.

Phase 2



Compress the tensioner and insert preloading pins into the holes on the body.

Phase 3



Place the tensioner into the transmission on the slow branch and near the motor pinion.

Remove preloading pins. During the assembly operation, moreover, pay attention to the positioning angles: the angle between the axis of the “incoming” chain to the tensioner and the axis of tightener must be equal to the angle between the axis of the “outgoing” chain to the tightener and the axis of tightener.

During the maintenances, check the remaining travel of the tightener through the graduated scale present on the columns of the tightener:

20-40: Prevalence green color → ideal

10-20: Prevalence red color → acceptable

10- 0: Red → need to reset working conditions.



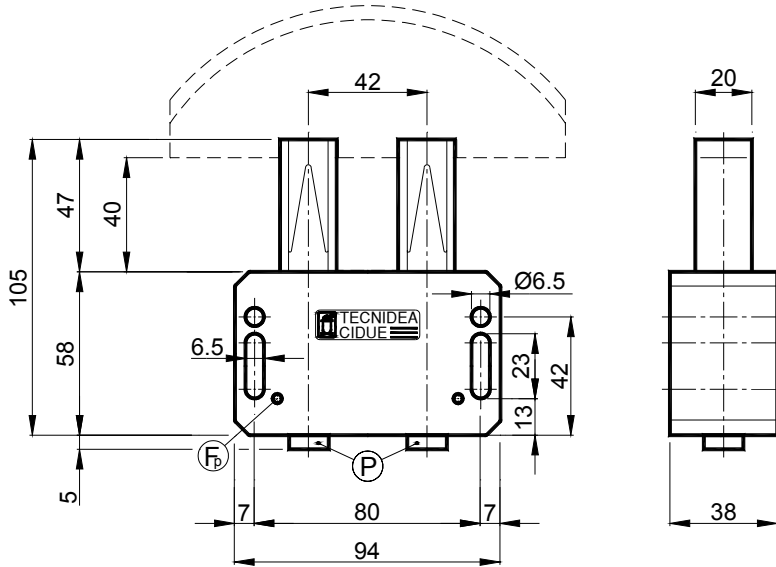
Elementi elastici **BLU** – Tipo: **BP-Z** (con molle in acciaio zincato) / Tipo: **BP-X** (con molle in acciaio inox)
BLU elastic elements – Type: **BP-Z** (with springs in galvanized steel) / Type: **BP-X** (with springs in stainless steel)

MATERIALI Plastica. Viteria in acciaio inox. Le molle sono in acciaio zincato (BP-Z) oppure in acciaio inox (BP-X).

IMPIEGO Elemento elastico per tendicatena. Tutti gli articoli vengono forniti con sistema di precarica. La temperatura massima di lavoro è +80°C. La corsa è di 40 mm.

MATERIALS Plastic. The bolts are made of stainless steel. Springs can be in zinc plated (BP-Z) or stainless steel (BP-X).

USE Elastic chain tensioner. All the articles are supplied with a preloading system. The maximum operating temperature is +80°C. The travel is 40 mm.



Tipo Type	Cod. N°	Newton	Peso Weight in Kg
BP 10 Z	BL010990	72 ÷ 158	0.24
BP 20 Z	BL010994	128 ÷ 284	0.24
BP 30 Z	BL010998	216 ÷ 478	0.24
BP 40 Z	BL011002	388 ÷ 859	0.24
BP 10 X	BL011010	70 ÷ 154	0.24
BP 20 X	BL011014	126 ÷ 278	0.24
BP 30 X	BL011018	210 ÷ 466	0.24
BP 40 X	BL011022	343 ÷ 759	0.24

⊕ = Foro precarica – Preloading hole

Ⓟ = Piolo per precarica – Preloading pin

KIT per tendicatena / KIT for chain tighteners

Pattino in polietilene – Tipo: **HG** / Polyethylene sliding block – Type: **HG**

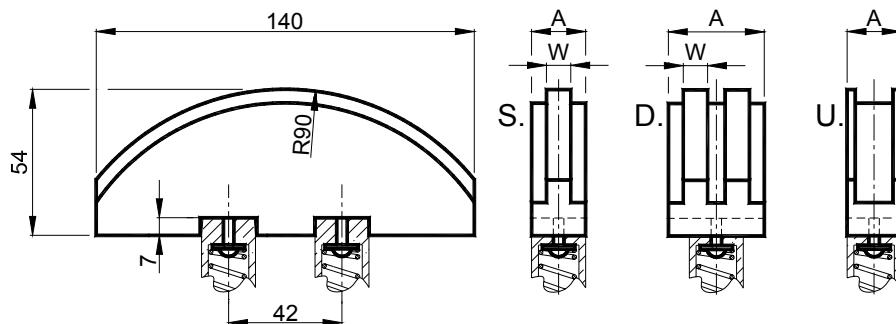
MATERIALI Pattino in polietilene ad alta densità molecolare. Viti in acciaio inox.

IMPIEGO Profilo semicircolare per trasmissioni con medio/lungo interasse. Velocità di lavoro ≤20 m/min. Temperatura di lavoro del pattino ≤70°C.

MATERIALS Sliding block made of high molecular density polyethylene. Stainless steel bolts.

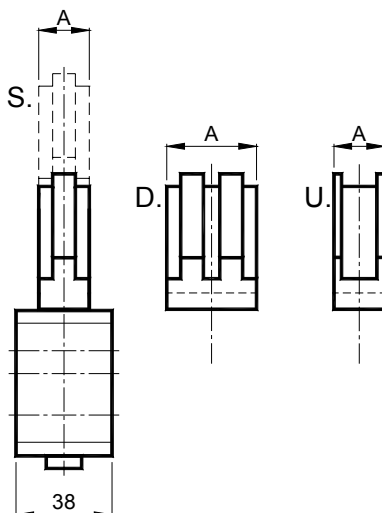
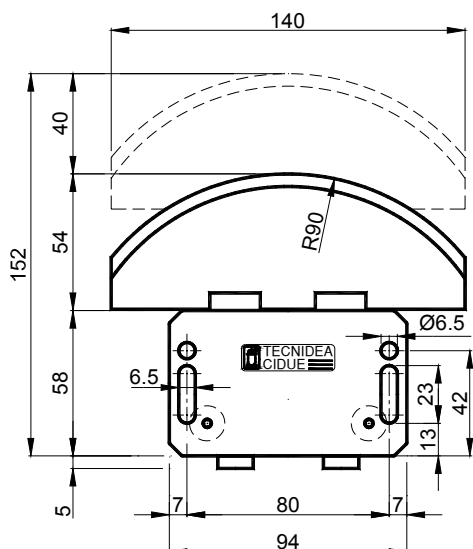
USE Semi-circular lowered profile suitable for medium/large interaxis.

Operating speed ≤20 m/min. Operating sliding block temperature ≤70°C.



Tipo Type	Cod. N°	Catena Chain	A	W	Peso Weight in Kg
HG U	BL010899	≤06-B1	20		0.11
HG 2 S	BL010902	08-B1	20	7	0.11
HG 3 S	BL010903	10-B1	20	9	0.11
HG 4 S	BL010904	12-B1	20	11	0.11
HG 5 S	BL010905	16-B1	20	16	0.14
HG 0 D	BL010910	05-B2	20	2.5	0.11
HG 1 D	BL010911	06-B2	20	5	0.11
HG 2 D	BL010912	08-B2	20	7	0.11
HG 3 D	BL010913	10-B2	25	9	0.14
HG 4 D	BL010914	12-B2	30	11	0.16

BLU Tipo BPZHG – BPXHG / BLU Type BPZHG – BPXHG



I tenditori sono composti dall'elemento elastico BP e la testa HG.

I tenditori BPZHG sono disponibili con molle in acciaio zincato ed i tipi BPXHG con molle in acciaio inox; i valori di carico sono riportati a pag 03. La corsa è di 40 mm.

Tensioners are made up by BP elastic element and HG sliding block.

Tensioners BPZHG are available with zinc plated springs and BPXHG types with stainless steel spring; load values are indicated on pag 04. The travel is 40 mm.

Catena Chain DIN 8187		Con molle zincate/ Zinc plated springs				Con molle inox / Stainless steel springs				
ISO Pitch		BPZ+HG	BPZ		← HG →		BPX		BPX+HG	
≤06-B1	≤3/8"x7/32"	BP10ZHG1U	BP 10 Z	BL010990	HG U	BL010899	20	BP 10 X	BL011010	BP10XHG1U
08-B1	1/2"x5/16"	BP10ZHG2S	BP 10 Z	BL010990	HG 2 S	BL010902	20	BP 10 X	BL011010	BP10XHG2S
08-B1	1/2"x5/16"	BP20ZHG2S	BP 20 Z	BL010994	HG 2 S	BL010902	20	BP 20 X	BL011014	BP20XHG2S
10-B1	5/8"x3/8"	BP10ZHG3S	BP 10 Z	BL010990	HG 3 S	BL010903	20	BP 10 X	BL011010	BP10XHG3S
10-B1	5/8"x3/8"	BP20ZHG3S	BP 20 Z	BL010994	HG 3 S	BL010903	20	BP 20 X	BL011014	BP20XHG3S
10-B1	5/8"x3/8"	BP30ZHG3S	BP 30 Z	BL010998	HG 3 S	BL010903	20	BP 30 X	BL011018	BP30XHG3S
12-B1	3/4"x7/16"	BP10ZHG4S	BP 10 Z	BL010990	HG 4 S	BL010904	20	BP 10 X	BL011010	BP20XHG4S
12-B1	3/4"x7/16"	BP20ZHG4S	BP 20 Z	BL010994	HG 4 S	BL010904	20	BP 20 X	BL011014	BP20XHG4S
12-B1	3/4"x7/16"	BP30ZHG4S	BP 30 Z	BL010998	HG 4 S	BL010904	20	BP 30 X	BL011018	BP30XHG4S
16-B1	1"x17.02mm	BP30ZHG5S	BP 30 Z	BL010998	HG 5 S	BL010905	20	BP 30 X	BL011018	BP30XHG5S
16-B1	1"x17.02mm	BP40ZHG5S	BP 40 Z	BL011002	HG 5 S	BL010905	20	BP 40 X	BL011022	BP40XHG5S
05-B2	8mm	BP10ZHG0D	BP 10 Z	BL010990	HG 0 D	BL010910	20	BP 10 X	BL011010	BP10XHG0D
06-B2	3/8"x7/32"	BP10ZHG1D	BP 10 Z	BL010990	HG 1 D	BL010911	20	BP 10 X	BL011010	BP10XHG1D
06-B2	3/8"x7/32"	BP20ZHG1D	BP 20 Z	BL010994	HG 1 D	BL010911	20	BP 20 X	BL011014	BP20XHG1D
08-B2	1/2"x5/16"	BP20ZHG2D	BP 20 Z	BL010994	HG 2 D	BL010912	20	BP 20 X	BL011014	BP20XHG2D
10-B2	5/8"x3/8"	BP20ZHG3D	BP 20 Z	BL010994	HG 3 D	BL010913	25	BP 20 X	BL011014	BP20XHG3D
10-B2	5/8"x3/8"	BP30ZHG3D	BP 30 Z	BL010998	HG 3 D	BL010913	25	BP 30 X	BL011018	BP30XHG3D
12-B2	3/4"x7/16"	BP20ZHG4D	BP 20 Z	BL010994	HG 4 D	BL010914	30	BP 20 X	BL011022	BP20XHG4D
12-B2	3/4"x7/16"	BP30ZHG4D	BP 30 Z	BL010998	HG 4 D	BL010914	30	BP 30 X	BL011018	BP30XHG4D

I tenditori per catena tripla si forniscono solo su richiesta. / Tighteners for triple chain are provided on request only.

Elementi elastici **BLU** – Tipo: **BC-Z** (con molle in acciaio zincato) / Tipo: **BC-X** (con molle in acciaio inox)
BLU elastic elements – Type: **BC-Z** (with springs in galvanized steel) / Type: **BC-X** (with springs in stainless steel)

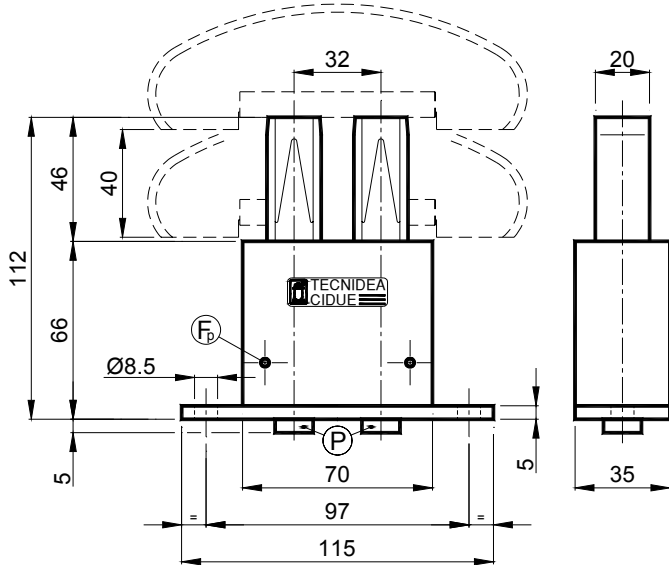
MATERIALI Il corpo esterno è in acciaio verniciato. I componenti interni sono in materiale plastico. Viteria in acciaio inox.

Le molle all'interno sono in acciaio zincato (BC-Z) oppure in acciaio inox (BC-X).

IMPIEGO Elemento elastico per tendicatena. Tutti gli articoli vengono forniti con sistema di precarica. La temperatura massima di lavoro è +80°C. La corsa è di 40 mm.

MATERIALS The external box is made of painted steel. The internal components are made of plastic material. The bolts are made of stainless steel. The inner springs can be in zinc plated (BC-Z) or in stainless steel (BC-X).

USE Elastic chain tensioner. All the articles are supplied with a preloading system. The maximum operating temperature is +80°C. The travel is 40 mm.



Tipo Type	Cod. N°	Newton	Peso Weight in Kg
BC 10 Z	BL010600	72 ÷ 158	0.60
BC 20 Z	BL010602	128 ÷ 284	0.60
BC 30 Z	BL010604	216 ÷ 478	0.60
BC 40 Z	BL010606	388 ÷ 859	0.60
BC 10 X	BL011610	70 ÷ 154	0.60
BC 20 X	BL011612	126 ÷ 278	0.60
BC 30 X	BL011614	210 ÷ 466	0.60
BC 40 X	BL011616	343 ÷ 759	0.60

⊕ = Foro precarica – Preloading hole

Ⓟ = Piolo per precarica – Preloading pin

KIT per tendicatena / KIT for chain tighteners

Pattino in polietilene – Tipo: **CG** / Polyethylene sliding block – Type: **CG**

MATERIALI Pattino in polietilene ad alta densità molecolare.

Bulloneria in acciaio inox. Profilo in acciaio.

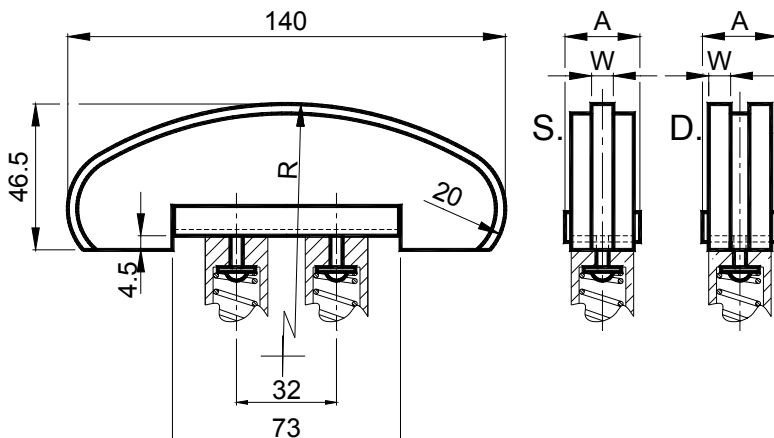
IMPIEGO Profilo ad arco per trasmissioni con medio/lungo interasse.

Velocità di lavoro ≤20 m/min. Temperatura di lavoro del pattino ≤70°C.

MATERIALS Sliding block made of high molecular density polyethylene. Stainless steel bolts. Steel profile.

USE Arc lowered profile suitable for medium/large interaxis.

Operating speed ≤20 m/min. Operating temperature ≤70°C.



Tipo Type	Cod. N°	Catena Chain	A	R	W	Peso Weight in Kg
CG 0 S	BL010770	05-B1	24	120	2.5	0.13
CG 1 S	BL010771	06-B1	24	120	5	0.14
CG 2 S	BL010772	08-B1	24	120	7	0.14
CG 3 S	BL010773	10-B1	24	140	9	0.11
CG 4 S	BL010774	12-B1	24	140	11	0.16
CG 5 S	BL010775	16-B1	29	160	16	0.18
CG 6 S	BL010776	20-B1	29	160	18	0.28
CG 0 D	BL010780	05-B2	24	120	2.5	0.13
CG 1 D	BL010781	06-B2	24	120	5	0.14
CG 2 D	BL010782	08-B2	24	120	7	0.18
CG 3 D	BL010783	10-B2	29	140	9	0.18
CG 4 D	BL010784	12-B2	34	140	11	0.33
CG 5 D	BL010785	16-B2	52	160	16	0.56

KIT per tendicatena / KIT for chain tighteners

Pattino in polietilene – Tipo: **CV** / *Polyethylene sliding block – Type: CV*

MATERIALI Pattino in polietilene ad alta densità molecolare. Bulloneria in acciaio inox.

IMPIEGO Profilo semicircolare per trasmissioni con corto interasse.

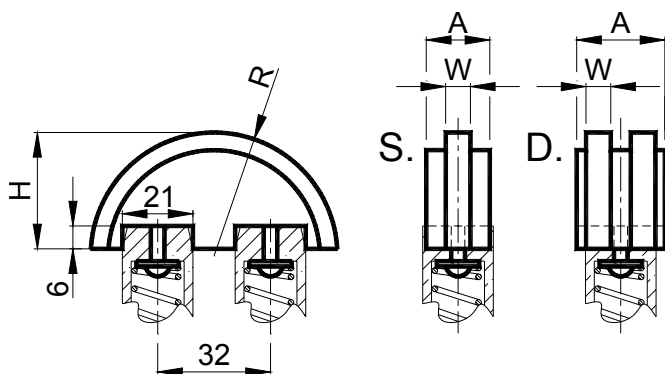
Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro del pattino $\leq 70^\circ\text{C}$.

MATERIALS Sliding block made of high molecular density polyethylene.

Stainless steel bolts.

USE Semi-circular lowered profile suitable for small interaxis.

Operating speed ≤ 20 m/min. Operating temperature $\leq 70^\circ\text{C}$.



Tipo Type	Cod. N°	Catena Chain	A	R	H	W	Peso Weight in Kg
CV 1 S	BL010641	06-B1	18	35	33	5	0.03
CV 2 S	BL010642	08-B1	18	35	33	7	0.03
CV 3 S	BL010643	10-B1	18	45	43	9	0.05
CV 4 S	BL010644	12-B1	18	45	43	11	0.08
CV 1 D	BL010651	06-B2	18	35	33	5	0.03
CV 2 D	BL010652	08-B2	21	35	33	7	0.03
CV 3 D	BL010653	10-B2	25	45	43	9	0.08
CV 4 D	BL010654	12-B2	30	45	43	11	0.09

KIT per tendicatena / KIT for chain tighteners

Pattino in polietilene – Tipo: **CR** / *Polyethylene sliding block – Type: CR*

MATERIALI Pattino in polietilene ad alta densità molecolare. Bulloneria in acciaio inox.

IMPIEGO Profilo circolare per avvolgimenti a 180° .

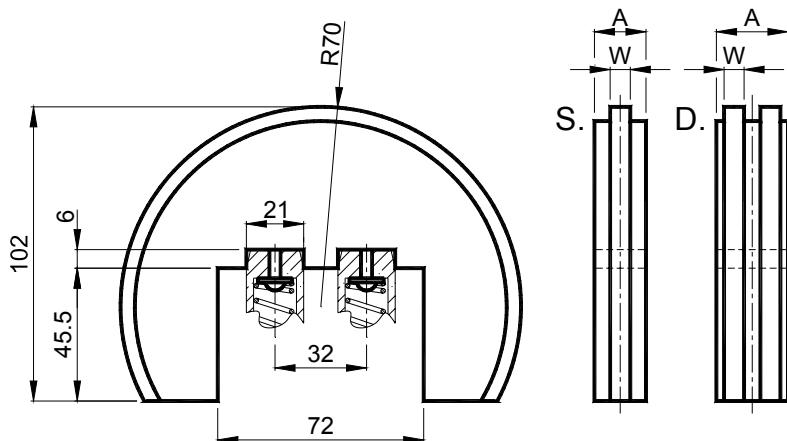
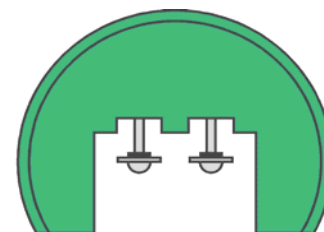
Velocità di lavoro ≤ 20 m/min. Temperatura di lavoro del pattino $\leq 70^\circ\text{C}$.

MATERIALS Sliding block made of high molecular density polyethylene.

Stainless steel bolts.

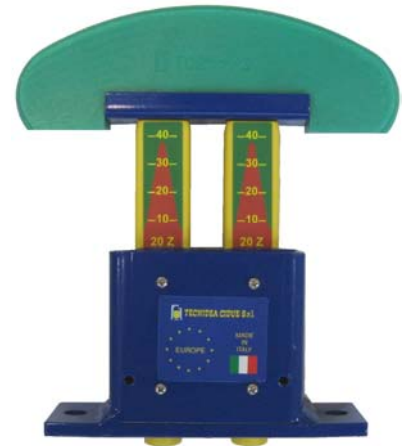
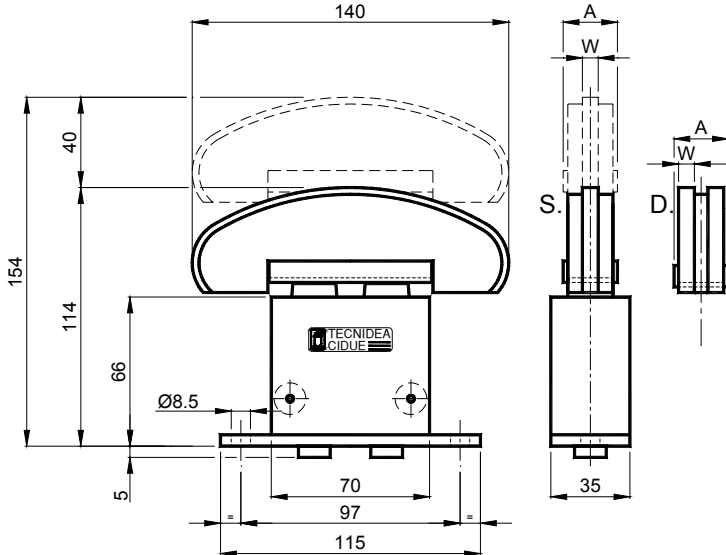
USE Round profile suitable for windings to 180° .

Operating speed ≤ 20 m/min. Operating temperature $\leq 70^\circ\text{C}$.



Tipo Type	Cod. N°	Catena Chain	A	W	Peso Weight in Kg
CR 1 S	BL010711	06-B1	30	5	0.40
CR 2 S	BL010712	08-B1	30	7	0.41
CR 3 S	BL010713	10-B1	30	9	0.43
CR 4 S	BL010714	12-B1	30	11	0.44
CR 5 S	BL010715	16-B1	30	16	0.45
CR 1 D	BL010721	06-B2	30	5	0.41
CR 2 D	BL010722	08-B2	30	7	0.42
CR 3 D	BL010723	10-B2	30	9	0.44
CR 4 D	BL010724	12-B2	30	11	0.45

BLU Tipo BCZCG – BCXCG / BLU Type BCZCG – BCXCG



I tenditori sono composti dall'elemento elastico BC e la testa CG.

I tenditori BCZCG sono disponibili con molle in acciaio zincato ed i tipi BCXCG con molle in acciaio inox; i valori di carico sono riportati a pag 03. La corsa è di 40 mm.

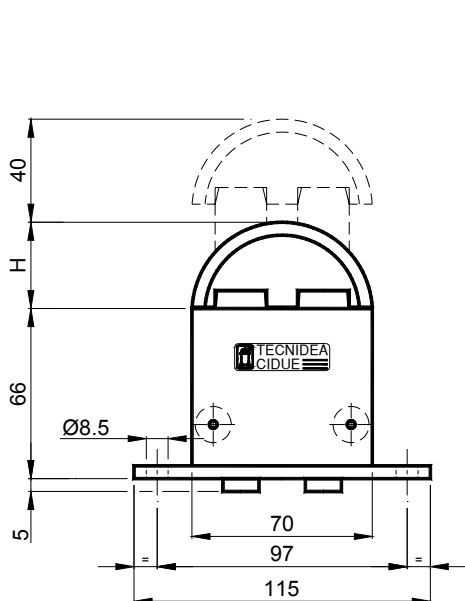
Tensioners are made up by BC elastic element and CG sliding block.

Tensioners BCZCG are available with zinc plated springs and BCXCG types with stainless steel spring; load values are indicated on pag 04. The travel is 40 mm.

Catena Chain DIN 8187		Con molle zincate/ Zinc plated springs				Con molle inox / Stainless steel springs					
ISO Pitch		BCZ+CG	BCZ	CG		BCX	W		BCX+CG		
05-B1	8mm	BC10ZCG0S	BC 10 Z	BL010600	CG 0 S	BL010770	24	2.5	BC 10 X	BL010610	BC10XCG0S
06-B1	3/8"x7/32"	BC10ZCG1S	BC 10 Z	BL010600	CG 1 S	BL010771	24	5	BC 10 X	BL010610	BC10XCG1S
06-B1	3/8"x7/32"	BC20ZCG1S	BC 20 Z	BL010602	CG 1 S	BL010771	24	5	BC 20 X	BL010612	BC20XCG1S
08-B1	1/2"x5/16"	BC10ZCG2S	BC 10 Z	BL010600	CG 2 S	BL010772	24	7	BC 10 X	BL010610	BC10XCG2S
08-B1	1/2"x5/16"	BC20ZCG2S	BC 20 Z	BL010602	CG 2 S	BL010772	24	7	BC 20 X	BL010612	BC20XCG2S
10-B1	5/8"x3/8"	BC20ZCG3S	BC 20 Z	BL010602	CG 3 S	BL010773	24	9	BC 20 X	BL010612	BC20XCG3S
10-B1	5/8"x3/8"	BC30ZCG3S	BC 30 Z	BL010604	CG 3 S	BL010773	24	9	BC 30 X	BL010614	BC30XCG3S
12-B1	3/4"x7/16"	BC20ZCG4S	BC 20 Z	BL010602	CG 4 S	BL010774	24	11	BC 20 X	BL010612	BC20XCG4S
12-B1	3/4"x7/16"	BC30ZCG4S	BC 30 Z	BL010604	CG 4 S	BL010774	24	11	BC 30 X	BL010614	BC30XCG4S
16-B1	1"x17.02mm	BC30ZCG5S	BC 30 Z	BL010604	CG 5 S	BL010775	29	16	BC 30 X	BL010614	BC30XCG5S
16-B1	1"x17.02mm	BC40ZCG5S	BC 40 Z	BL010606	CG 5 S	BL010775	29	16	BC 40 X	BL010616	BC40XCG5S
20-B1	1"1/4x3/4"	BC30ZCG6S	BC 30 Z	BL010604	CG 6 S	BL010776	29	18	BC 30 X	BL010614	BC30XCG6S
20-B1	1"1/4x3/4"	BC40ZCG6S	BC 40 Z	BL010606	CG 6 S	BL010776	29	18	BC 40 X	BL010616	BC40XCG6S
05-B2	8mm	BC10ZCG0D	BC 10 Z	BL010600	CG 0 D	BL010780	24	2.5	BC 10 X	BL010610	BC10XCG0D
06-B2	3/8"x7/32"	BC10ZCG1D	BC 10 Z	BL010600	CG 1 D	BL010781	24	5	BC 10 X	BL010610	BC10XCG1D
06-B2	3/8"x7/32"	BC20ZCG1D	BC 20 Z	BL010602	CG 1 D	BL010781	24	5	BC 20 X	BL010612	BC20XCG1D
08-B2	1/2"x5/16"	BC20ZCG2D	BC 20 Z	BL010602	CG 2 D	BL010782	24	7	BC 20 X	BL010612	BC20XCG2D
10-B2	5/8"x3/8"	BC20ZCG3D	BC 20 Z	BL010602	CG 3 D	BL010783	29	9	BC 20 X	BL010612	BC20XCG3D
10-B2	5/8"x3/8"	BC30ZCG3D	BC 30 Z	BL010604	CG 3 D	BL010783	29	9	BC 30 X	BL010614	BC30XCG3D
12-B2	3/4"x7/16"	BC30ZCG4D	BC 30 Z	BL010604	CG 4 D	BL010784	34	11	BC 30 X	BL010614	BC30XCG4D
16-B2	1"x17.02mm	BC30ZCG5D	BC 30 Z	BL010604	CG 5 D	BL010785	52	16	BC 30 X	BL010614	BC30XCG5D
16-B2	1"x17.02mm	BC40ZCG5D	BC 40 Z	BL010606	CG 5 D	BL010785	52	16	BC 40 X	BL010616	BC40XCG5D

tenditori per catena tripla si forniscono solo su richiesta. / Tighteners for triple chain are provided on request only.

BLU Tipo BCZCV – BCXCV / BLU Type BCZCV – BCXCV

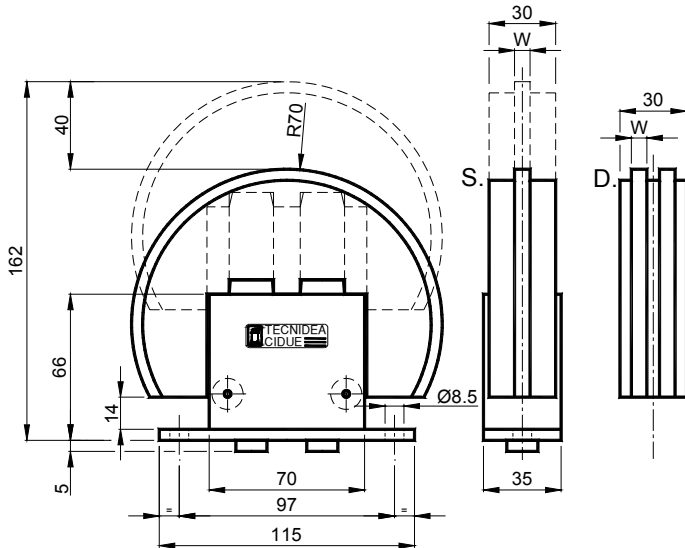


I tenditori sono composti dall'elemento elastico BC e la testa CV.
I tenditori BCZCV sono disponibili con molle in acciaio zincato ed i tipi BCXCV con molle in acciaio inox; i valori di carico sono riportati a pag 03. La corsa è di 40 mm.
Tensioners are made up by BC elastic element and CV sliding block.
Tensioners BCZCV are available with zinc plated springs and BCXCV types with stainless steel spring; load values are indicated on pag 04. The travel is 40 mm.

Catena Chain DIN 8187		Con molle zincate/ Zinc plated springs				Con molle inox / Stainless steel springs						
ISO Pitch		BCZ+CV	BCZ		CV			BCX		BCX+CV		
						A	H	W				
06-B1	3/8"x7/32"	BC10ZCV1S	BC 10 Z	BL010600	CV 1 S	BL010641	18	33	5	BC 10 X	BL010610	BC10XCV1S
06-B1	3/8"x7/32"	BC20ZCV1S	BC 20 Z	BL010602	CV 1 S	BL010641	18	33	5	BC 20 X	BL010612	BC20XCV1S
08-B1	1/2"x5/16"	BC10ZCV2S	BC 10 Z	BL010600	CV 2 S	BL010642	18	33	7	BC 10 X	BL010610	BC10XCV2S
08-B1	1/2"x5/16"	BC20ZCV2S	BC 20 Z	BL010602	CV 2 S	BL010642	18	33	7	BC 20 X	BL010612	BC20XCV2S
10-B1	5/8"x3/8"	BC20ZCV3S	BC 20 Z	BL010602	CV 3 S	BL010643	18	43	9	BC 20 X	BL010612	BC20XCV3S
10-B1	5/8"x3/8"	BC30ZCV3S	BC 30 Z	BL010604	CV 3 S	BL010643	18	43	9	BC 30 X	BL010614	BC30XCV3S
12-B1	3/4"x7/16"	BC20ZCV4S	BC 20 Z	BL010602	CV 4 S	BL010644	18	43	11	BC 20 X	BL010612	BC20XCV4S
12-B1	3/4"x7/16"	BC30ZCV4S	BC 30 Z	BL010604	CV 4 S	BL010644	18	43	11	BC 30 X	BL010614	BC30XCV4S
06-B2	3/8"x7/32"	BC10ZCV1D	BC 10 Z	BL010600	CV 1 D	BL010651	18	33	5	BC 10 X	BL010610	BC10XCV1D
06-B2	3/8"x7/32"	BC20ZCV1D	BC 20 Z	BL010602	CV 1 D	BL010651	18	33	5	BC 20 X	BL010612	BC20XCV1D
08-B2	1/2"x5/16"	BC20ZCV2D	BC 20 Z	BL010602	CV 2 D	BL010652	21	43	7	BC 20 X	BL010612	BC20XCV2D
10-B2	5/8"x3/8"	BC20ZCV3D	BC 20 Z	BL010602	CV 3 D	BL010653	25	43	9	BC 20 X	BL010612	BC20XCV3D
10-B2	5/8"x3/8"	BC30ZCV3D	BC 30 Z	BL010604	CV 3 D	BL010653	25	43	9	BC 30 X	BL010614	BC30XCV3D
12-B2	3/4"x7/16"	BC30ZCV4D	BC 30 Z	BL010604	CV 4 D	BL010654	30	33	11	BC 30 X	BL010614	BC30XCV4D

I tenditori per catena tripla si forniscono solo su richiesta. / Tighteners for triple chain are provided on request only.

BLU Tipo BCZCR – BCXCR / BLU Type BCZCR – BCXCR



I tenditori sono composti dall'elemento elastico BC e la testa CR.

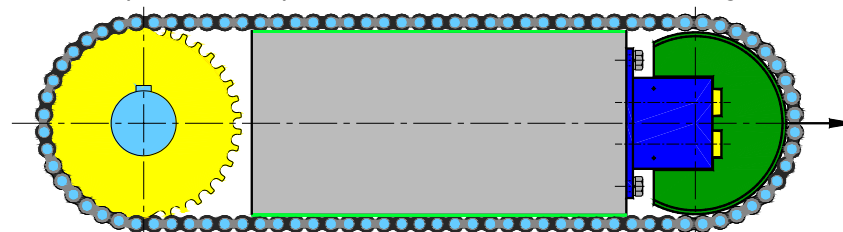
I tenditori BCZCR sono disponibili con molle in acciaio zincato ed i tipi BCXCR con molle in acciaio inox; i valori di carico sono riportati a pag 034. La corsa è di 40 mm.

Tensioners are made up by BC elastic element and CR sliding block.

Tensioners BCZCR are available with zinc plated springs and BCXCR types with stainless steel spring; load values are indicated on pag 04. The travel is 40 mm.

Catena Chain DIN 8187		Con molle zincate/ Zinc plated springs				Con molle inox / Stainless steel springs			
ISO Pitch		BCZ+CR	BCZ		← CR →		BCX		BCX+CR
				W					
06-B1	3/8"x7/32"	BC10ZCR1S	BC 10 Z	BL010600	CR 1 S BL010711	5	BC 10 X	BL010610	BC10XCR1S
06-B1	3/8"x7/32"	BC20ZCR1S	BC 20 Z	BL010602	CR 1 S BL010711	5	BC 20 X	BL010612	BC20XCR1S
08-B1	1/2"x5/16"	BC10ZCR2S	BC 10 Z	BL010600	CR 2 S BL010712	7	BC 10 X	BL010610	BC10XCR2S
08-B1	1/2"x5/16"	BC20ZCR2S	BC 20 Z	BL010602	CR 2 S BL010712	7	BC 20 X	BL010612	BC20XCR2S
10-B1	5/8"x3/8"	BC20ZCR3S	BC 20 Z	BL010602	CR 3 S BL010713	9	BC 20 X	BL010612	BC20XCR3S
10-B1	5/8"x3/8"	BC30ZCR3S	BC 30 Z	BL010604	CR 3 S BL010713	9	BC 30 X	BL010614	BC30XCR3S
12-B1	3/4"x7/16"	BC20ZCR4S	BC 20 Z	BL010602	CR 4 S BL010714	11	BC 20 X	BL010612	BC20XCR4S
12-B1	3/4"x7/16"	BC30ZCR4S	BC 30 Z	BL010604	CR 4 S BL010714	11	BC 30 X	BL010614	BC30XCR4S
16-B1	1"x17.02mm	BC30ZCR5S	BC 30 Z	BL010604	CR 5 S BL010715	16	BC 30 X	BL010614	BC30XCR5S
16-B1	1"x17.02mm	BC40ZCR5S	BC 40 Z	BL010606	CR 5 S BL010715	16	BC 40 X	BL010616	BC40XCR5S
06-B2	3/8"x7/32"	BC10ZCR1D	BC 10 Z	BL010600	CR 1 D BL010721	5	BC 10 X	BL010610	BC10XCR1D
06-B2	3/8"x7/32"	BC20ZCR1D	BC 20 Z	BL010602	CR 1 D BL010721	5	BC 20 X	BL010612	BC20XCR1D
08-B2	1/2"x5/16"	BC20ZCR2D	BC 20 Z	BL010602	CR 2 D BL010722	7	BC 20 X	BL010612	BC20XCR2D
10-B2	5/8"x3/8"	BC20ZCR3D	BC 20 Z	BL010602	CR 3 D BL010722	9	BC 20 X	BL010612	BC20XCR3D
10-B2	5/8"x3/8"	BC30ZCR3D	BC 30 Z	BL010604	CR 3 D BL010723	9	BC 30 X	BL010614	BC30XCR3D
12-B2	3/4"x7/16"	BC30ZCR4D	BC 30 Z	BL010604	CR 4 D BL010724	11	BC 30 X	BL010614	BC30XCR4D

I tenditori per catena tripla si forniscono solo su richiesta. / Tighteners for triple chain are provided on request only.



Esempio di applicazione
Example of application

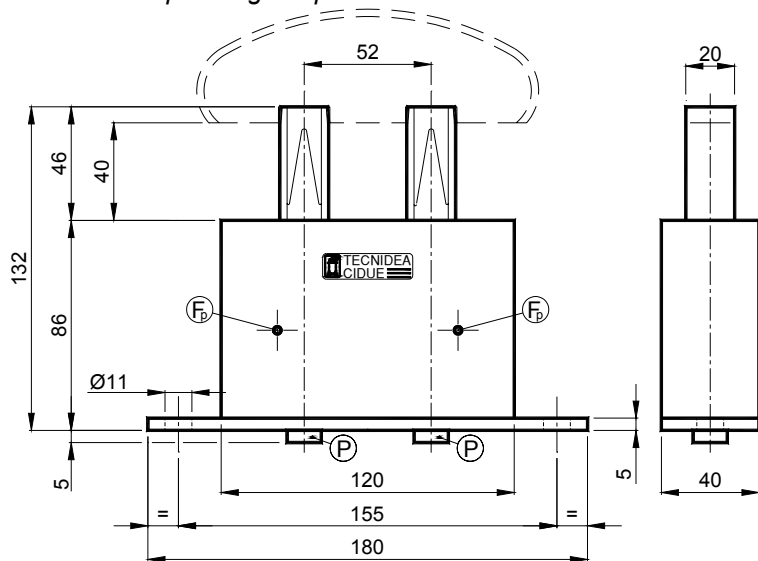
Elementi elastici **BLU** – Tipo: **BB-Z** (con molle in acciaio zincato) / Tipo: **BB-X** (con molle in acciaio inox)
BLU elastic elements – Type: **BB-Z** (with springs in galvanized steel) / Type: **BB-X** (with springs in stainless steel)

MATERIALI Il corpo esterno è in acciaio verniciato. I componenti interni sono in materiale plastico. Viteria in acciaio inox. Le molle all'interno sono in acciaio zincato (BB-Z) oppure in acciaio inox (BB-X).

IMPIEGO Elemento elastico per tendicatena. Tutti gli articoli vengono forniti con sistema di precarica. La temperatura massima di lavoro è +80°C. La corsa è di 40 mm.

MATERIALS The external box is made of painted steel. The internal components are made of plastic material. The bolts are in stainless steel. The inside springs can be in zinc plated (BB-Z) or in stainless steel (BB-X).

USE Elastic chain tensioner. All the articles are supplied with a preloading system. The maximum operating temperature is +80°C. The travel is 40 mm.



Tipo Type	Cod. N°	Newton	Peso Weight in Kg
BB 10 Z	BL010620	72 ÷ 158	1.25
BB 20 Z	BL010622	128 ÷ 284	1.25
BB 30 Z	BL010624	216 ÷ 478	1.25
BB 40 Z	BL010626	388 ÷ 859	1.25
BB 10 X	BL011630	70 ÷ 154	1.25
BB 20 X	BL011632	126 ÷ 278	1.25
BB 30 X	BL011634	210 ÷ 466	1.25
BB 40 X	BL011636	343 ÷ 759	1.25

(F_p) = Foro precarica – Preloading hole

(P) = Piolo per precarica – Preloading pin

KIT per tendicatena / KIT for chain tighteners

Pattino in polietilene – Tipo: **VG** / Polyethylene sliding block – Type: **VG**

MATERIALI Pattino in polietilene ad alta densità molecolare. Bulloneria in acciaio inox.

IMPIEGO Profilo ad arco per trasmissioni con medio/lungo interasse.

Velocità di lavoro ≤20 m/min.

Temperatura di lavoro del pattino ≤70°C.

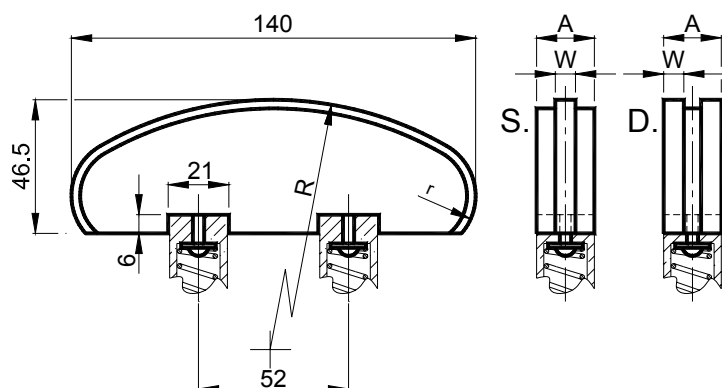


MATERIALS Sliding block made of high molecular density polyethylene. Stainless steel bolts.

USE Arc lowered profile suitable for medium/large interaxis.

Operating speed ≤20 m/min.

Operating temperature ≤70°C.



Tipo Type	Cod. N°	Catena Chain	A	R	W	Peso Weight in Kg
VG 0 S	BL010500	05-B1	20	120	2.5	0.07
VG 1 S	BL010502	06-B1	20	120	5	0.07
VG 2 S	BL010504	08-B1	20	120	7	0.08
VG 3 S	BL010506	10-B1	20	140	9	0.10
VG 4 S	BL010508	12-B1	20	140	11	0.12
VG 5 S	BL010510	16-B1	25	160	16	0.20
VG 6 S	BL010512	20-B1	25	160	18	0.20
VG 7 S	BL010514	24-B1	30	160	24	0.35
VG 0 D	BL010520	05-B2	20	120	2.5	0.07
VG 1 D	BL010522	06-B2	20	120	5	0.08
VG 2 D	BL010524	08-B2	20	120	7	0.08
VG 3 D	BL010526	10-B2	25	140	9	0.12
VG 4 D	BL010528	12-B2	30	140	11	0.25
VG 5 D	BL010530	16-B2	48	160	16	0.50
VG 6 D	BL010532	20-B2	55	160	18	1.30
VG 7 D	BL010534	24-B2	70	160	24	1.40

KIT per tendicatena / KIT for chain tighteners

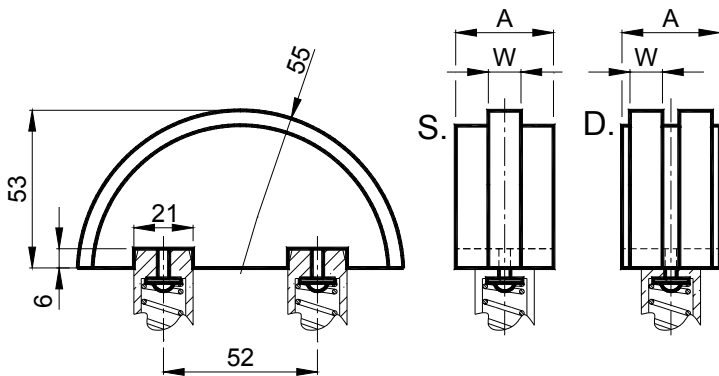
 Pattino in polietilene – Tipo: **BV** / *Polyethylene sliding block – Type: BV*

MATERIALI Pattino in polietilene ad alta densità molecolare.
Bulloneria in acciaio inox.

IMPIEGO Profilo semicircolare per trasmissioni con corto interasse.
Velocità di lavoro ≤ 20 m/min.
Temperatura di lavoro del pattino $\leq 70^\circ\text{C}$.

MATERIALS Sliding block made of high molecular density polyethylene.
Stainless steel bolts.

USE Semi-circular lowered profile suitable for small interaxis.
Operating speed ≤ 20 m/min. Operating temperature $\leq 70^\circ\text{C}$.



Tipo Type	Cod. N°	Catena Chain	A	W	Peso Weight in Kg
BV 4 S	BL010684	12-B1	33	11	0.08
BV 5 S	BL010685	16-B1	33	16	0.08
BV 2 D	BL010692	08-B2	33	7	0.08
BV 3 D	BL010693	10-B2	33	9	0.09
BV 4 D	BL010694	12-B2	33	11	0.10

KIT per tendicatena / KIT for chain tighteners

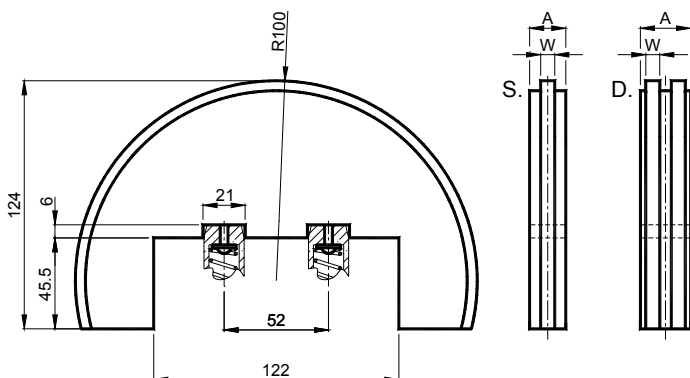
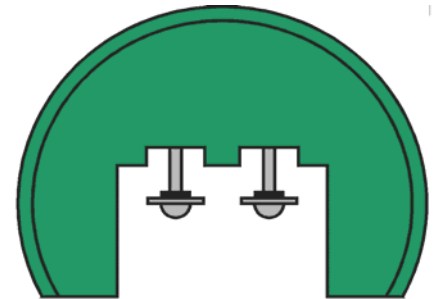
 Pattino in polietilene – Tipo: **BR** / *Polyethylene sliding block – Type: BR*

MATERIALI Pattino in polietilene ad alta densità molecolare.
Bulloneria in acciaio inox.

IMPIEGO Profilo circolare per avvolgimenti a 180° .
Velocità di lavoro ≤ 20 m/min.
Temperatura di lavoro del pattino $\leq 70^\circ\text{C}$.

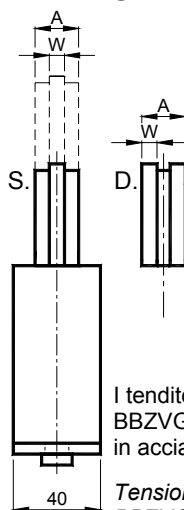
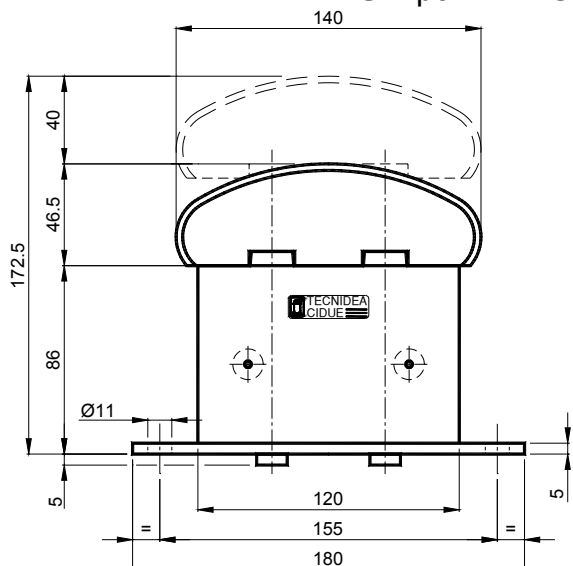
MATERIALS Sliding block made of high molecular density polyethylene.
Stainless steel bolts.

USE Round profile suitable for windings to 180° .
Operating speed ≤ 20 m/min. Operating temperature $\leq 70^\circ\text{C}$.



Tipo Type	Cod. N°	Catena Chain	A	W	Peso Weight in Kg
BR 4 S	BL010744	12-B1	33	11	0.85
BR 5 S	BL010745	16-B1	33	16	0.86
BR 6 S	BL010746	20-B1	33	18	0.87
BR 2 D	BL010752	08-B2	33	7	0.85
BR 3 D	BL010753	10-B2	33	9	0.86
BR 4 D	BL010754	12-B2	33	11	0.88

BLU Tipo BBZVG – BBXVG / BLU Type BBZVG – BBXVG

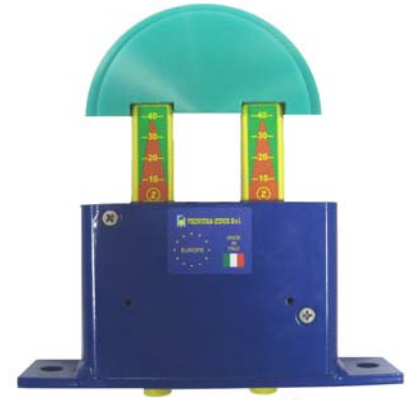
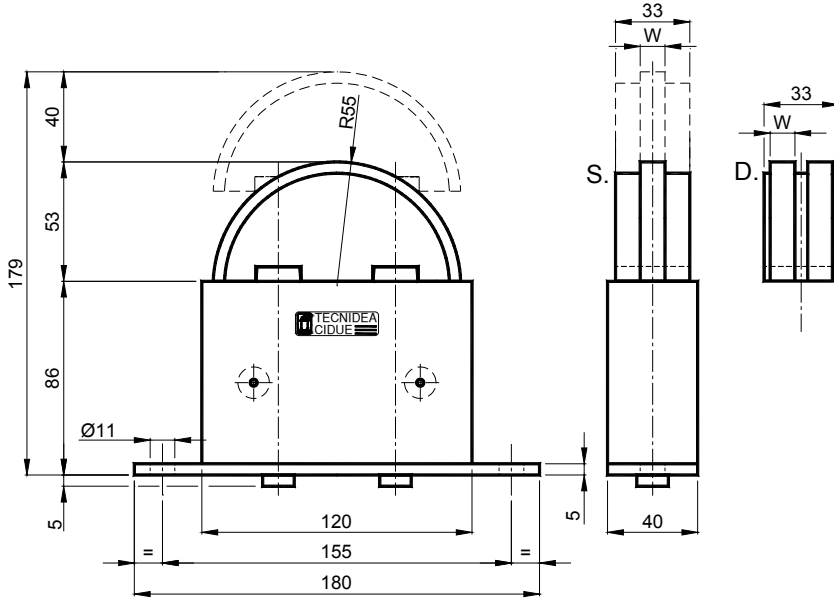


I tenditori sono composti dall'elemento elastico BC e la testa VG. I tenditori BBZVG sono disponibili con molle in acciaio zincato ed i tipi BBXVG con molle in acciaio inox; i valori di carico sono riportati a pag 03. La corsa è di 40 mm.

Tensioners are made up by BB elastic element and VG sliding block. Tensioners BBZVG are available with zinc plated springs and BBXVG types with stainless steel spring; load values are indicated on pag 04. The travel is 40 mm.

Catena Chain DIN 8187		Con molle zincate / Zinc plated springs				Con molle inox / Stainless steel springs					
ISO Pitch		BBZ+VG	BBZ	← VG →		W	A	BBX	BBX+VG		
05-B1	8mm	BB10ZVG0S	BB 10 Z	BL010620	VG 0 S	BL010500	20	2.5	BB 10 X	BL011630	BB10XVG0S
06-B1	3/8"x7/32"	BB10ZVG1S	BB 10 Z	BL010620	VG 1 S	BL010502	20	5	BB 10 X	BL011630	BB10XVG1S
06-B1	3/8"x7/32"	BB20ZVG1S	BB 20 Z	BL010622	VG 1 S	BL010502	20	5	BB 20 X	BL011632	BB20XVG1S
08-B1	1/2"x5/16"	BB10ZVG2S	BB 10 Z	BL010620	VG 2 S	BL010504	20	7	BB 10 X	BL011630	BB10XVG2S
08-B1	1/2"x5/16"	BB20ZVG2S	BB 20 Z	BL010622	VG 2 S	BL010504	20	7	BB 20 X	BL011632	BB20XVG2S
10-B1	5/8"x3/8"	BB20ZVG3S	BB 20 Z	BL010622	VG 3 S	BL010506	20	9	BB 20 X	BL011632	BB20XVG3S
10-B1	5/8"x3/8"	BB30ZVG3S	BB 30 Z	BL010624	VG 3 S	BL010506	20	9	BB 30 X	BL011634	BB30XVG3S
12-B1	3/4"x7/16"	BB20ZVG4S	BB 20 Z	BL010622	VG 4 S	BL010508	20	11	BB 20 X	BL011632	BB20XVG4S
12-B1	3/4"x7/16"	BB30ZVG4S	BB 30 Z	BL010624	VG 4 S	BL010508	20	11	BB 30 X	BL011634	BB30XVG4S
16-B1	1"x17.02mm	BB30ZVG5S	BB 30 Z	BL010624	VG 5 S	BL010510	25	16	BB 30 X	BL011634	BB30XVG5S
16-B1	1"x17.02mm	BB40ZVG5S	BB 40 Z	BL010626	VG 5 S	BL010510	25	16	BB 40 X	BL011636	BB40XVG5S
20-B1	1"1/4x3/4"	BB30ZVG6S	BB 30 Z	BL010624	VG 6 S	BL010512	25	18	BB 30 X	BL011634	BB30XVG6S
20-B1	1"1/4x3/4"	BB40ZVG6S	BB 40 Z	BL010626	VG 6 S	BL010512	25	18	BB 40 X	BL011636	BB40XVG6S
24-B1	1"1/2x1"	BB30ZVG7S	BB 30 Z	BL010624	VG 7 S	BL010514	30	24	BB 30 X	BL011634	BB30XVG7S
24-B1	1"1/2x1"	BB40ZVG7S	BB 40 Z	BL010626	VG 7 S	BL010514	30	24	BB 40 X	BL011636	BB40XVG7S
05-B2	8mm	BB10ZVG0D	BB 10 Z	BL010620	VG 0 D	BL010520	20	2.5	BB 10 X	BL011630	BB10XVG0D
06-B2	3/8"x7/32"	BB10ZVG1D	BB 10 Z	BL010620	VG 1 D	BL010522	20	5	BB 10 X	BL011630	BB10XVG1D
06-B2	3/8"x7/32"	BB20ZVG1D	BB 20 Z	BL010622	VG 1 D	BL010522	20	5	BB 20 X	BL011632	BB20XVG1D
08-B2	1/2"x5/16"	BB20ZVG2D	BB 20 Z	BL010622	VG 2 D	BL010524	20	7	BB 20 X	BL011632	BB20XVG2D
10-B2	5/8"x3/8"	BB20ZVG3D	BB 20 Z	BL010622	VG 3 D	BL010526	25	9	BB 20 X	BL011632	BB20XVG3D
10-B2	5/8"x3/8"	BB30ZVG3D	BB 30 Z	BL010624	VG 3 D	BL010526	25	9	BB 30 X	BL011634	BB30XVG3D
12-B2	3/4"x7/16"	BB30ZVG4D	BB 30 Z	BL010624	VG 4 D	BL010528	30	11	BB 30 X	BL011634	BB30XVG4D
16-B2	1"x17.02mm	BB30ZVG5D	BB 30 Z	BL010624	VG 5 D	BL010530	48	16	BB 30 X	BL011634	BB30XVG5D
16-B2	1"x17.02mm	BB40ZVG5D	BB 40 Z	BL010626	VG 5 D	BL010530	48	16	BB 40 X	BL011636	BB40XVG5D
20-B2	1"1/4x3/4"	BB30ZVG6D	BB 30 Z	BL010624	VG 6 D	BL010532	55	18	BB 30 X	BL011634	BB30XVG6D
20-B2	1"1/4x3/4"	BB40ZVG6D	BB 40 Z	BL010626	VG 6 D	BL010532	55	18	BB 40 X	BL011636	BB40XVG6D
24-B2	1"1/2x1"	BB30ZVG7D	BB 30 Z	BL010624	VG 7 D	BL010534	70	24	BB 30 X	BL011634	BB30XVG7D
24-B2	1"1/2x1"	BB40ZVG7D	BB 40 Z	BL010626	VG 7 D	BL010534	70	24	BB 40 X	BL011636	BB40XVG7D

BLU Tipo BBZBV – BBXBV / BLU Type BBZBV – BBXBV



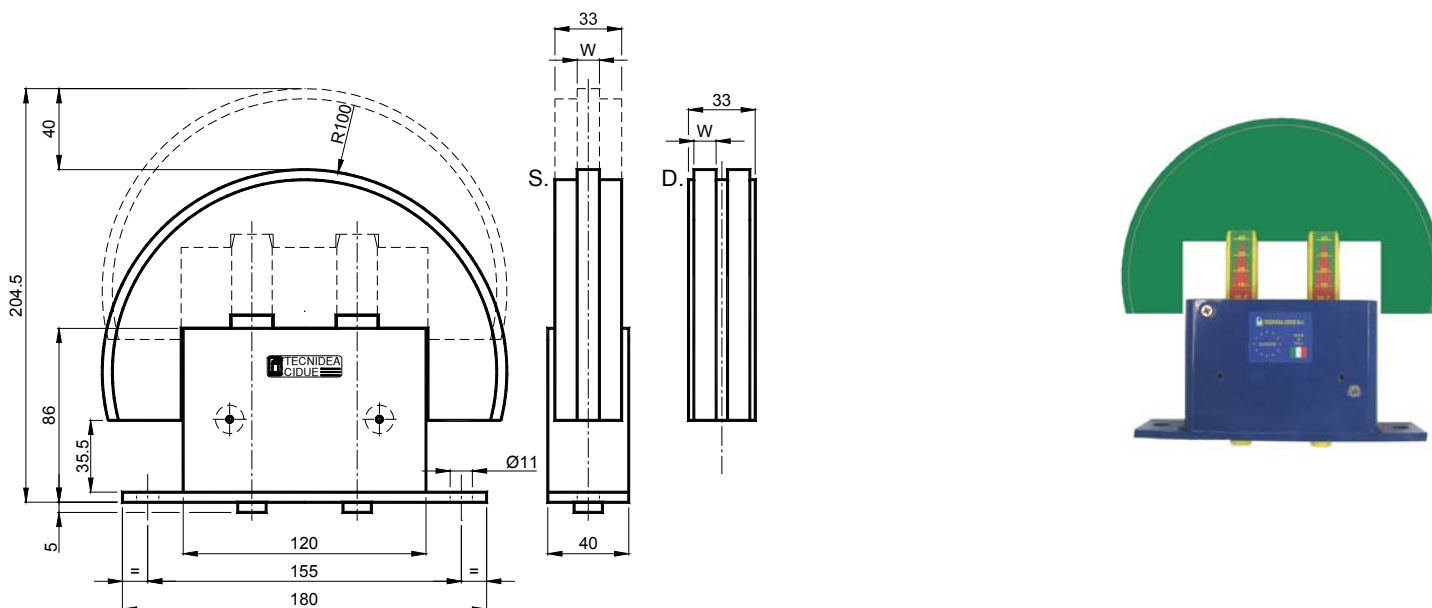
I tenditori sono composti dall'elemento elastico BB e la testa BV.
I tenditori BBZBV sono disponibili con molle in acciaio zincato ed i tipi BBXBV con molle in acciaio inox; i valori di carico sono riportati a pag 03. La corsa è di 40 mm.

Tensioners are made up by BB elastic element and BV sliding block.
Tensioners BBZBV are available with zinc plated springs and BBXBV types with stainless steel spring; load values are indicated on pag 04. The travel is 40 mm.

Catena Chain DIN 8187		Con molle zincate / Zinc plated springs				Con molle inox / Stainless steel springs				
ISO Pitch 		BBZ+BV	BBZ	← BV →		W	BBX	BBX+BV		
12-B1	3/4"x7/16"	BB20ZBV4S	BB 20 Z	BL010622	BV 4 S	BL010684	11	BB 20 X	BL011632	BB30XBV4S
12-B1	3/4"x7/16"	BB30ZBV4S	BB 30 Z	BL010624	BV 4 S	BL010684	11	BB 30 X	BL011634	BB30XBV4S
16-B1	1"x17.02mm	BB30ZBV5S	BB 30 Z	BL010624	BV 5 S	BL010685	16	BB 30 X	BL011634	BB30XBV5S
16-B1	1"x17.02mm	BB40ZBV5S	BB 40 Z	BL010626	BV 5 S	BL010685	16	BB 40 X	BL011636	BB40XBV5S
08-B2	1/2"x5/16"	BB20ZBV2D	BB 20 Z	BL010622	BV 2 D	BL010692	7	BB 20 X	BL011632	BB20XBV2D
10-B2	5/8"x3/8"	BB20ZBV3D	BB 20 Z	BL010622	BV 3 D	BL010693	9	BB 20 X	BL011632	BB20XBV3D
10-B2	5/8"x3/8"	BB30ZBV3D	BB 30 Z	BL010624	BV 3 D	BL010693	9	BB 30 X	BL011634	BB30XBV3D
12-B2	3/4"x7/16"	BB30ZBV4D	BB 30 Z	BL010624	BV 4 D	BL010694	11	BB 30 X	BL011634	BB30XBV4D

I tenditori per catena tripla si forniscono solo su richiesta. / Tighteners for triple chain are provided on request only.

BLU Tipo BBZBR – BBXBR / BLU Type BBZBR – BBXBR

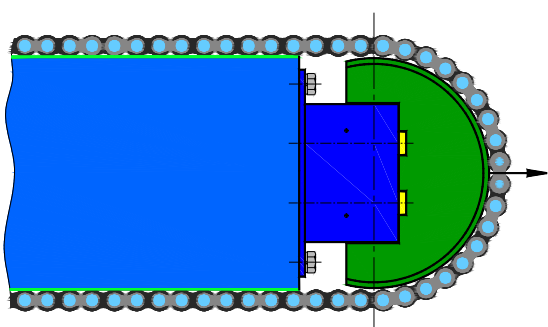


I tenditori sono composti dall'elemento elastico BB e la testa BR.
I tenditori BBZBR sono disponibili con molle in acciaio zincato ed i tipi BBXBR con molle in acciaio inox; i valori di carico sono riportati a pag 03. La corsa è di 40mm.

Tensioners are made up by BB elastic element and BR sliding block.
Tensioners BBZBR are available with zinc plated springs and BBXBR types with stainless steel spring; load values are indicated on pag 04. Travel is 40mm.

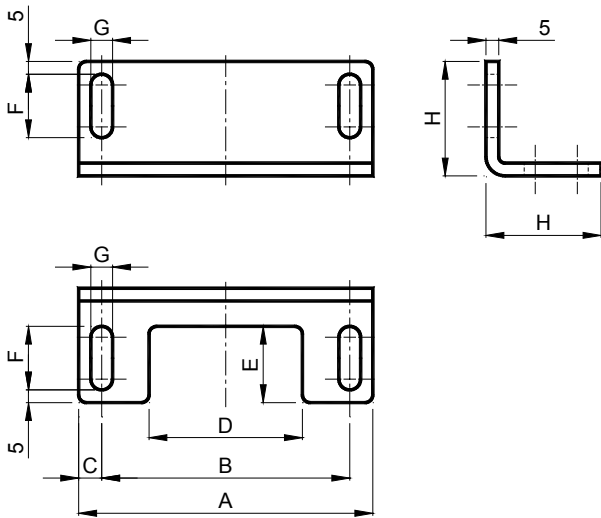
Catena Chain DIN 8187		Con molle zincate / Zinc plated springs				Con molle inox / Stainless steel springs				
ISO Pitch		BBZ+BR	BBZ		← BR →		W	BBX	BBX+BR	
12-B1	3/4"x7/16"	BB20ZBR4S	BB 20 Z	BL010622	BR 4 S	BL010744	11	BB 20 X	BL011632	BB20XBR4S
12-B1	3/4"x7/16"	BB30ZBR4S	BB 30 Z	BL010624	BR 4 S	BL010744	11	BB 30 X	BL011634	BB30XBR4S
16-B1	1"x17.02mm	BB30ZBR5S	BB 30 Z	BL010624	BR 5 S	BL010745	20	BB 30 X	BL011634	BB30XBR5S
16-B1	1"x17.02mm	BB40ZBR5S	BB 40 Z	BL010626	BR 5 S	BL010745	20	BB 40 X	BL011636	BB40XBR5S
20-B1	1"1/4x3/4"	BB30ZBR6S	BB 30 Z	BL010624	BR 6 S	BL010746	18	BB 30 X	BL011634	BB30XBR6S
20-B1	1"1/4x3/4"	BB40ZBR6S	BB 40 Z	BL010626	BR 6 S	BL010746	18	BB 40 X	BL011636	BB40XBR6S
08-B2	1/2"x5/16"	BB20ZBR2D	BB 20 Z	BL010622	BR 2 D	BL010752	7	BB 20 X	BL011632	BB20XBR2D
10-B2	5/8"x3/8"	BB20ZBR3D	BB 20 Z	BL010622	BR 3 D	BL010753	9	BB 20 X	BL011632	BB20XBR3D
10-B2	5/8"x3/8"	BB30ZBR3D	BB 30 Z	BL010624	BR 3 D	BL010753	9	BB 30 X	BL011634	BB30XBR3D
12-B2	3/4"x7/16"	BB30ZBR4D	BB 30 Z	BL010624	BR 4 D	BL010754	11	BB 30 X	BL011634	BB30XBR4D

I tenditori per catena tripla si forniscono solo su richiesta. / Tighteners for triple chain are provided on request only.



Esempio di applicazione
Example of application

BLU Tipo BS / BLU Type BS



MATERIALI Acciaio zincato
IMPIEGO Staffa di montaggio per elementi elastici BC e BB

MATERIALS Zinc plated steel
USE Fixing brackets for installation of the elastic elements BC and BB

Tipo Type	Cod. N°	A	B	C	D	E	F	G	H	Peso Weight in Kg
BS 1	BL011095	115	97	9	60	30	25	8.5	45	0.33
BS 2	BL011096	180	155	12.5	90	35	30	11	50	0.58

Esempi di fissaggio / Installation examples :

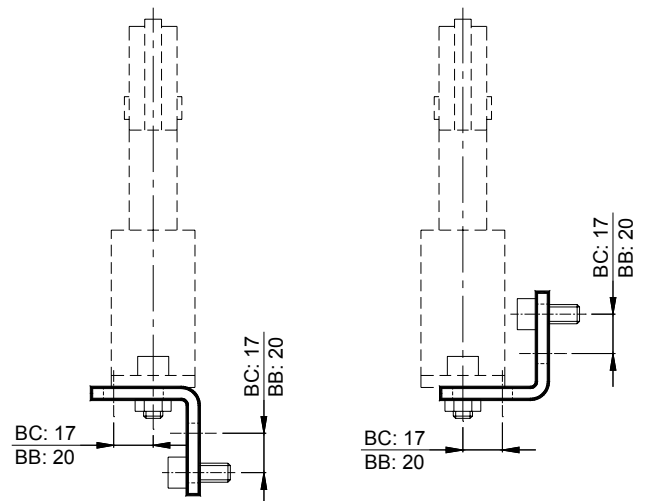
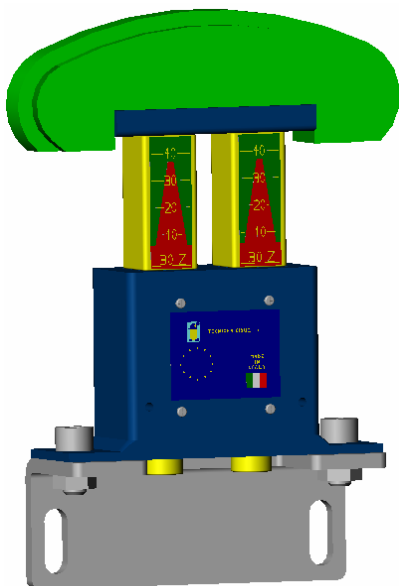
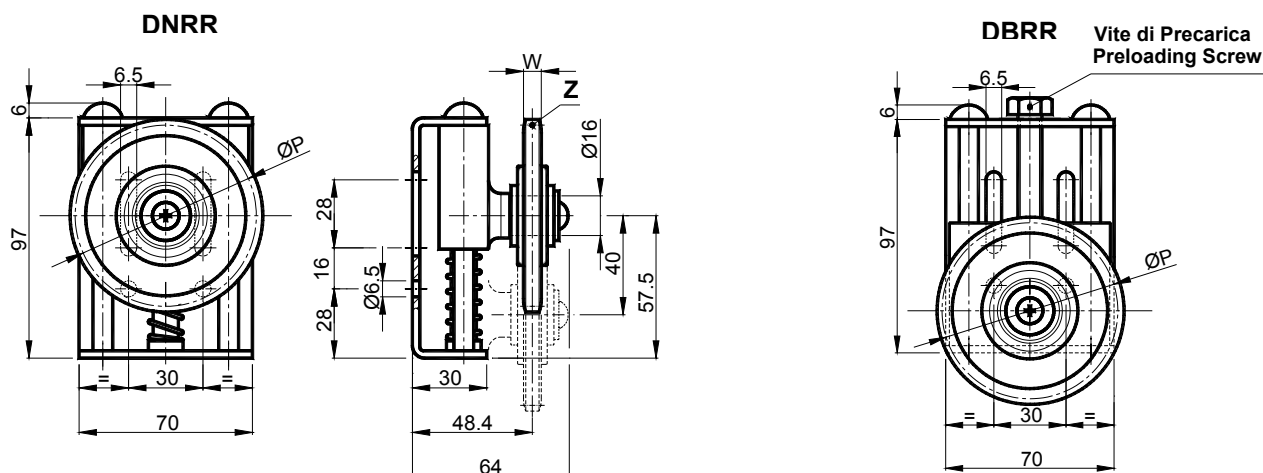


Fig. 1: Tipo BLU BC montato con staffa BS 1
Type BLU BC assembled with BS 1 support

Configurazioni
Configurations

BLU Tipo DNRR – DBRR / BLU Type DNRR – DBRR



Tipo Type	Cod. N°	Catena Chain DIN 8187		ØP	W	Z	Newton	Peso Weight in Kg	Cod. N°	Tipo Type
		ISO Pitch								
DN20RR1S21	BL011100	06-B1	3/8"x7/32"	63.91	5.3	21	64 - 142	0.57	BL011130	DB20RR1S21
DN20RR2S14	BL011102	08-B1	1/2"x5/16"	57.07	7.2	14	64 - 142	0.55	BL011132	DB20RR2S14
DN20RR2S15	BL011104	08-B1	1/2"x5/16"	61.09	7.2	15	64 - 142	0.56	BL011134	DB20RR2S15
DN20RR2S16	BL011106	08-B1	1/2"x5/16"	65.10	7.2	16	64 - 142	0.58	BL011136	DB20RR2S16
DN20RR2S17	BL011108	08-B1	1/2"x5/16"	69.11	7.2	17	64 - 142	0.61	BL011138	DB20RR2S17
DN20RR2S18	BL011110	08-B1	1/2"x5/16"	73.14	7.2	18	64 - 142	0.63	BL011140	DB20RR2S18
DN20RR3S14	BL011112	10-B1	5/8"x3/8"	71.34	9.1	14	64 - 142	0.64	BL011142	DB20RR3S14
DN20RR3S15	BL011114	10-B1	5/8"x3/8"	76.36	9.1	15	64 - 142	0.68	BL011144	DB20RR3S15
DN20RR3S16	BL011116	10-B1	5/8"x3/8"	81.37	9.1	16	64 - 142	0.74	BL011146	DB20RR3S16
DN20RR3S17	BL011118	10-B1	5/8"x3/8"	86.39	9.1	17	64 - 142	0.76	BL011148	DB20RR3S17
DN20RR4S13	BL011120	12-B1	3/4"x7/16"	79.59	11.1	13	64 - 142	0.82	BL011150	DB20RR4S13
DN20RR4S14	BL011122	12-B1	3/4"x7/16"	85.61	11.1	14	64 - 142	0.84	BL011152	DB20RR4S14
DN20RR4S15	BL011124	12-B1	3/4"x7/16"	91.63	11.1	15	64 - 142	0.86	BL011154	DB20RR4S15



MATERIALE: Staffa, perni, molla e bulloneria in acciaio. Corona in acciaio zincato. Corsore e guida in poliammide.

TRATTAMENTI: Staffa verniciata, molla e bulloneria con trattamento di zincatura. Corona in acciaio zincato montata su cuscinetto nazionale a base maggiorata.

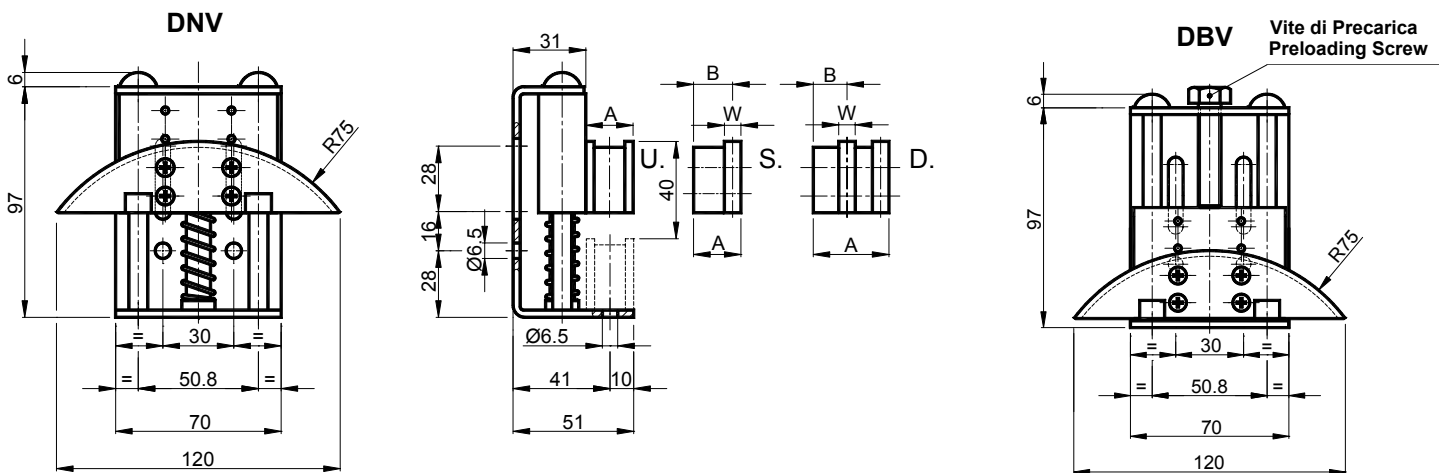
IMPIEGO: Tendicatena. La corsa è di 40mm. Velocità di lavoro ≤60 m/min. Temperatura di lavoro ≤70°C

MATERIALS: Bracket, pins, springs and bolts in steel. Crown in galvanized steel. Cursor and guide in polyamide. **TREATMENTS:** Painted bracket, spring and bolts with zinc plated treatment. Crown in zinc plated steel installed on a national enlarged bearing.

USE: Chain tightener. The travel is 40mm. Operating speed ≤60 m/min. Operating temperature ≤70°C.



BLU Tipo DNV – DBV / BLU Type DNV – DBV



Tipo Type	Cod. N°	Catena Chain DIN 8187		A	B	W	Newton	Peso Weight in Kg	Cod. N°	Tipo Type
		ISO Pitch								
DN10VUS	BL011180	≤06-B1	≤3/8"x7/32"	20			36 - 79	0.46	BL011220	DB10VUS
DN20VUS	BL011181	≤06-B1	≤3/8"x7/32"	20			64 - 142	0.46	BL011221	DB20VUS
DN10V2S	BL011184	08-B1	1/2"x5/16"	20	17	7	36 - 79	0.46	BL011224	DB10V2S
DN20V2S	BL011185	08-B1	1/2"x5/16"	20	17	7	64 - 142	0.46	BL011225	DB20V2S
DN10V3S	BL011186	10-B1	5/8"x3/8"	20	17	9	36 - 79	0.46	BL011226	DB10V3S
DN20V3S	BL011187	10-B1	5/8"x3/8"	20	17	9	64 - 142	0.46	BL011227	DB20V3S
DN10V4S	BL011188	12-B1	3/4"x7/16"	20	15.5	1	36 - 79	0.46	BL011228	DB10V4S
DN20V4S	BL011189	12-B1	3/4"x7/16"	20	15.5	1	64 - 142	0.46	BL011229	DB20V4S
DN10V1D	BL011194	06-B2	3/8"x7/32"	32	11.5	5	36 - 79	0.48	BL011234	DB10V1D
DN20V1D	BL011195	06-B2	3/8"x7/32"	32	11.5	5	64 - 142	0.48	BL011235	DB20V1D
DN10V2D	BL011196	08-B2	1/2"x5/16"	32	15.2	7	36 - 79	0.48	BL011236	DB10V2D
DN20V2D	BL011197	08-B2	1/2"x5/16"	32	15.2	7	64 - 142	0.48	BL011237	DB20V2D
DN10V3D	BL011198	10-B2	5/8"x3/8"	32	11.3	9	36 - 79	0.48	BL011238	DB10V3D
DN20V3D	BL011199	10-B2	5/8"x3/8"	32	11.3	9	64 - 142	0.48	BL011239	DB20V3D

MATERIALE: Staffa, perni, molla e bulloneria in acciaio. Corsore e guida in poliammide. Pattino in polietilene ad alta densità.

TRATTAMENTI: Staffa verniciata, molla e bulloneria con trattamento di zincatura elettrolitica.

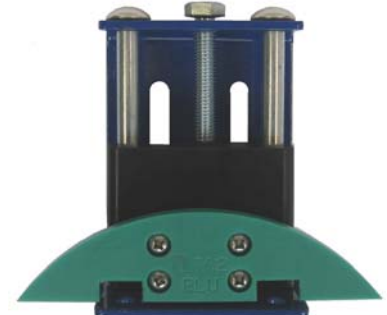
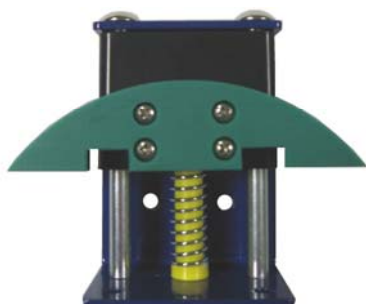
IMPIEGO: Tendicatena.

La corsa è di 40mm.
Velocità di lavoro ≤60 m/min.
Temperatura di lavoro ≤70°C

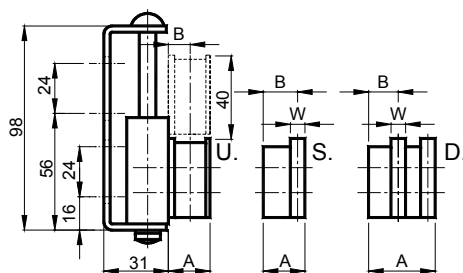
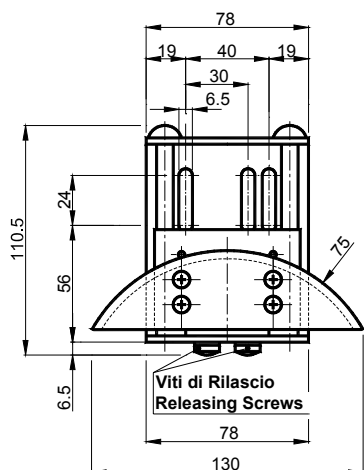
MATERIALS: Bracket, pins, springs and bolts in steel. Cursor and guide in polyamide. Sliding block with high molecular density polyethylene.

TREATMENTS: Painted bracket, spring and bolts with zinc plated treatment.

USE Chain tightener. The travel is 40mm.
Operating speed ≤60 m/min.
Operating temperature ≤70°C.



BLU Tipo DQV / BLU Type DQV



MATERIALE: Staffa, perni, molla e bulloneria in acciaio. Guida in poliammide. Corsore e pattino in polietilene ad alta densità.

TRATTAMENTI: Staffa verniciata, molla e bulloneria con trattamento di zincatura elettrolitica.

IMPIEGO: Tendicatena. La corsa è di 40mm. Velocità di lavoro ≤60 m/min. Temperatura di lavoro ≤70°C

MATERIALS: Bracket, pins, springs and bolts in steel. Guide in polyamide. Sliding block and cursor with high molecular density polyethylene.

TREATMENTS: Oven painted bracket, spring and bolts with zinc plated treatment.

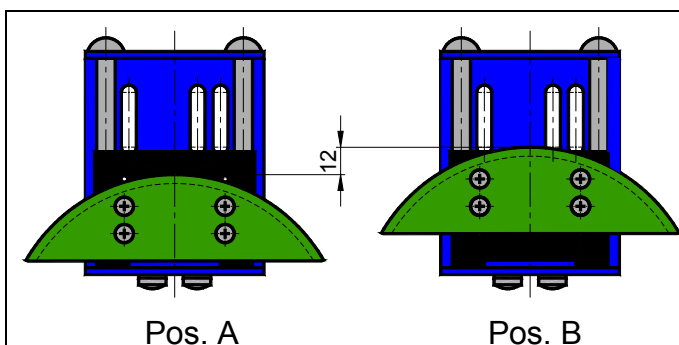
USE: Chain tightener. The travel is 40mm. Operating speed ≤60 m/min. Operating temperature ≤70°C.

Catena Chain DIN 8187		Tipo Type	Cod. N°	A	B	W	Peso Weight in Kg
ISO Pitch							
≤06-B1	≤3/8"x7/32"	DQ10VUS	BL011310	20	10.5		0.50
≤06-B1	≤3/8"x7/32"	DQ20VUS	BL011311	20	10.5		0.50
08-B1	1/2"x5/16"	DQ10V2S	BL011314	20	16.5	7	0.50
08-B1	1/2"x5/16"	DQ20V2S	BL011315	20	16.5	7	0.50
10-B1	5/8"x3/8"	DQ10V3S	BL011316	20	15.7	9	0.50
10-B1	5/8"x3/8"	DQ20V3S	BL011317	20	15.7	9	0.50
12-B1	3/4"x7/16"	DQ10V4S	BL011318	20	14.8	11	0.50
12-B1	3/4"x7/16"	DQ20V4S	BL011319	20	14.8	11	0.50
06-B2	3/8"x7/32"	DQ10V1D	BL011324	20	7.5	5	0.50
06-B2	3/8"x7/32"	DQ20V1D	BL011325	20	7.5	5	0.50
08-B2	1/2"x5/16"	DQ10V2D	BL011326	32	15.3	7	0.70
08-B2	1/2"x5/16"	DQ20V2D	BL011327	32	15.3	7	0.70
10-B2	5/8"x3/8"	DQ10V3D	BL011328	32	11.3	9	0.70
10-B2	5/8"x3/8"	DQ20V3D	BL011329	32	11.3	9	0.70



Forza / Force :

	1 MOLLA RILASCIATA 1 SPRING RELEASED	2 MOLLE RILASCIATE 2 SPRINGS RELEASED
TAGLIA 10	36-79 N	72-158 N
TAGLIA 20	64-142 N	128-284 N



Il pattino può essere installato in due diverse posizioni. In mancanza di specifiche richieste il tenditore sarà fornito in posizione A. Tale posizione, potrà essere comunque poi modificata dal cliente.

The sliding block can be installed in two different positions. Without specific requests the tightener will be supplied in A position. Anyway this position, will be changed by the customer.

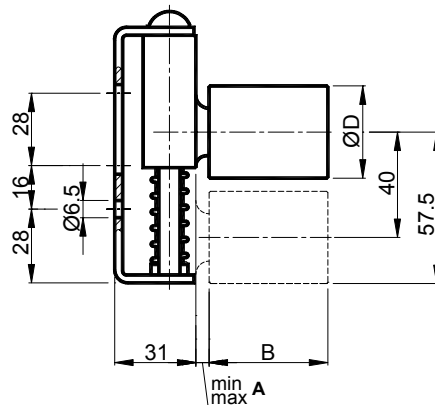
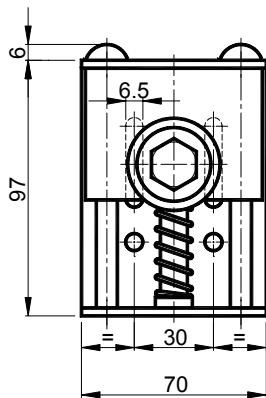
BLU Tipo **DNRP** – **DNRU** / **BLU** Type **DNRP** – **DNRU**
BLU Tipo **DBRP** – **DBRU** / **BLU** Type **DBRP** – **DBRU**
 (RP: Rullo in poliammide / RU: Rullo in acciaio)
 (RP: *Rollerset set in polyamide* / RU: *Rollerset in steel*)



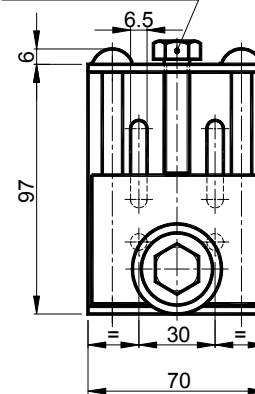
DNRP



DBRP



Vite di Pre carica
Preloading Screw



Tipo Type	Cod. N°	min A	max A	B	ØD	Newton	Peso Weight in Kg	Tipo Type	Cod. N°
DNRP 10-1	BL011260	2	7	35	30	36 - 79	0.35	DBRP 10-1	BL011280
DNRP 20-1	BL011261	2	7	35	30	64 - 142	0.35	DBRP 20-1	BL011281
DNRP 10-2/3	BL011262	2	7	45	40	36 - 79	0.45	DBRP 10-2/3	BL011282
DNRP 20-2/3	BL011263	2	7	45	40	64 - 142	0.45	DBRP 20-2/3	BL011283
DNRP 10-4	BL011264	2	7	60	60	36 - 79	0.65	DBRP 10-4	BL011284
DNRP 20-4	BL011265	2	7	60	60	64 - 142	0.65	DBRP 20-4	BL011285
DNRU 10-1	BL011270	2	7	35	30	36 - 79	0.45	DBRU 10-1	BL011290
DNRU 20-1	BL011271	2	7	35	30	64 - 142	0.45	DBRU 20-1	BL011291
DNRU 10-2/3	BL011272	2	7	45	40	36 - 79	0.65	DBRU 10-2/3	BL011292
DNRU 20-2/3	BL011273	2	7	45	40	64 - 142	0.65	DBRU 20-2/3	BL011293
DNRU 10-4	BL011274	2	7	60	60	36 - 79	1.10	DBRU 10-4	BL011294
DNRU 20-4	BL011275	2	7	60	60	64 - 142	1.10	DBRU 20-4	BL011295



DNRU

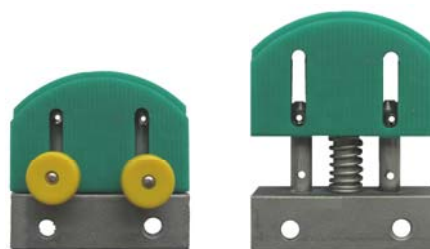
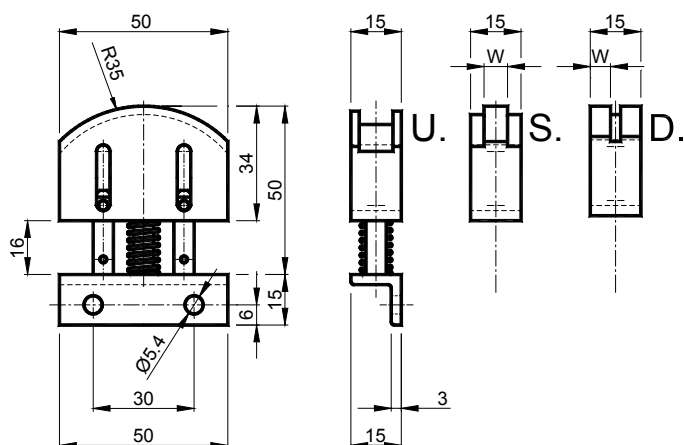


DBRU

MATERIALE: Staffa, perni, molla e bulloneria in acciaio. Corsore e guida molla in poliammide.
 RP: Rullo in poliammide su cuscinetti lubrificati.
 RU: Rullo in acciaio su cuscinetti lubrificati.
TRATTAMENTI: Staffa verniciata, molla e bulloneria con trattamento di zincatura.
IMPIEGO: Tendicinghia. La corsa è di 40mm.
 Temperatura di lavoro ≤70°C

MATERIALS: Bracket, pins, springs and bolts in steel. Cursor and guide in polyamide.
 RP: Polyamide roller on lubricated bearings.
 RU: Steel roller on lubricated bearings.
TREATMENTS: Painted bracket, spring and bolts with zinc plated treatment.
USE: Belt tightener. The travel is 40mm.
 Operating temperature ≤70°C.

BLU Tipo: DM / BLU Type: DM



MATERIALE: Staffa, perni, molla e bulloneria in acciaio. Pattino in polietilene ad alta densità molecolare.

TRATTAMENTI: Tutti i particolari metallici sono forniti con trattamento di zincatura.

IMPIEGO: Mini Tendicatena. La corsa è di 16 mm. Velocità di lavoro ≤20 m/min. Temperatura di lavoro ≤70°C.

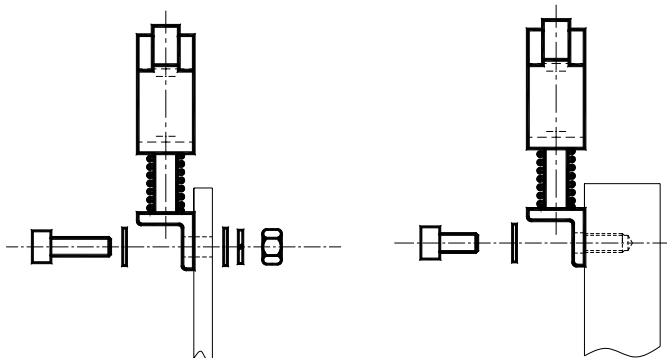
MATERIALS: Bracket, pins, springs and bolts in steel. Sliding block with high molecular density polyethylene.

TREATMENTS: All metal parts are provided with zinc plated treatment.

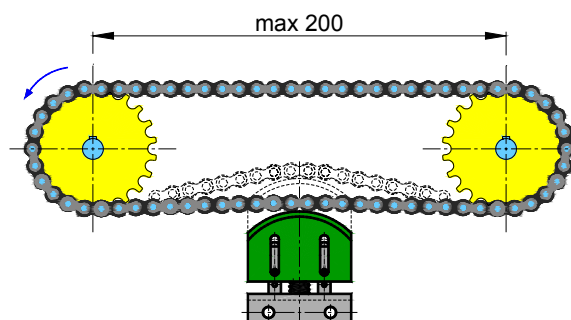
USE: Mini Chain tightener. The travel is 16mm. Operating speed ≤20 m/min. Operating temperature ≤70°C.

Catena Chain DIN 8187 ISO Pitch		Tipo Type	Cod. N°	W	Newton	Peso Weight in Kg
<06-B1	<3/8"x7/32"	DM05VUS	BL011360		39 - 71	0.08
06-B1	3/8"x7/32"	DM05V1S	BL011362	5	39 - 71	0.08
08-B1	1/2"x5/16"	DM05V2S	BL011364	7	39 - 71	0.08
05-B2	8mm	DM05V0D	BL011366	2.5	39 - 71	0.08
06-B2	3/8"x7/32"	DM05V1D	BL011368	5	39 - 71	0.08

**Esempi di montaggio:
Examples of installation:**



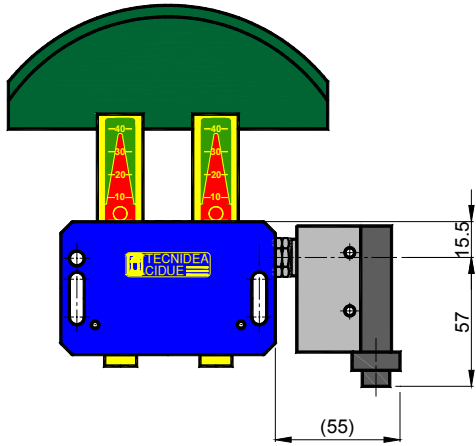
- 1) Fissaggio su fori passanti. 2) Fissaggio su fori ciechi.
1) Installation on through holes. 2) Installation on threaded holes.



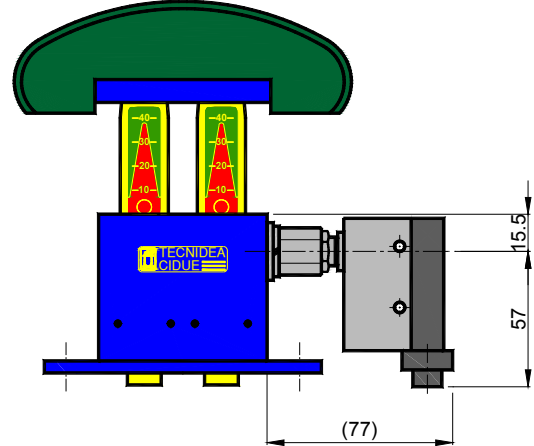
Finecorsa elettrico / Travel-end switch

Il KIT finecorsa elettrico è applicabile su la maggior parte degli elementi elastici di questo catalogo. Il finecorsa elettrico è particolarmente utile quando si voglia controllare il corretto funzionamento della macchina e/o salvaguardare l'incolumità degli operatori.

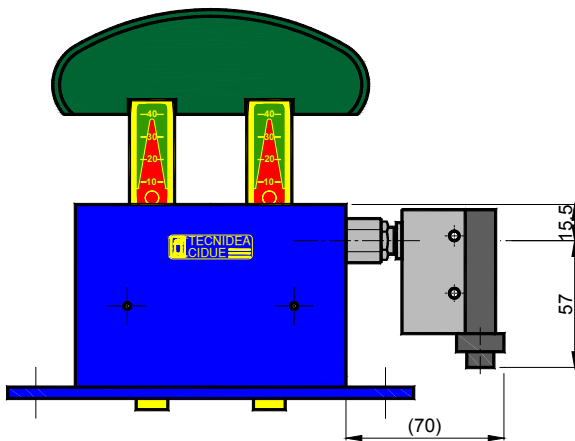
The travel end switch can be mounted on the most elastic elements of this catalogue. The travel end switch is particularly useful when you want to control the correct working of the machine and/or protect the safety of the workers.



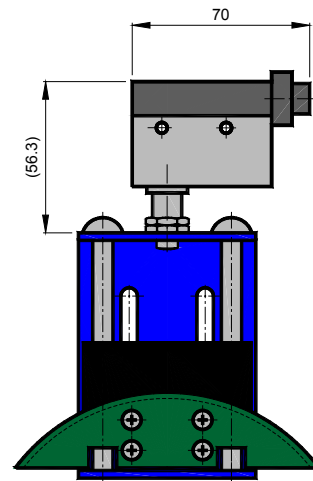
01 Tipo BP con fincursa elettrico E
Type BP with travel end switch E



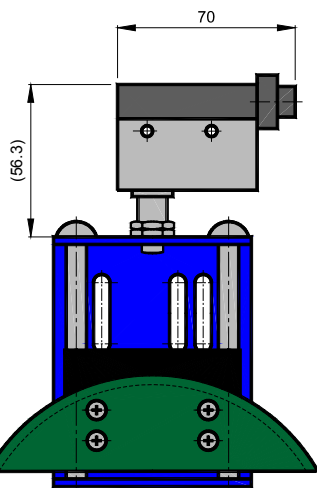
02 Tipo BC con fincursa elettrico E
Type BC with travel end switch E



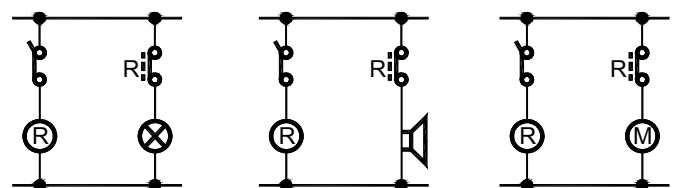
03 Tipo BB con fincursa elettrico E
Type BB with travel end switch E



04 Tipo DN con fincursa elettrico E
Type DN with travel end switch E



05 Tipo DQ con fincursa elettrico E
Type DQ with travel end switch E



Schema elettrico / Electrical diagram

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