Ride Regina. Be one of us!

General Catalogue 2020
Our history is our future.

In 2019, Regina will celebrate its 100th anniversary. The company was founded in 1919, initially manufacturing chains and freewheels for bicycles. In those days, the “Milano-Sanremo” race was the annual happening; the “Giro d’Italia” was a show for everybody and the “Tour de France” was already a sensational event. Regina was always present, collecting victories and successes. Ninety percent of the racing teams used components and parts made by Regina.

Innocenti’s “Lambretta”. The original design of Lambretta did not have a transmission by chain, but after the problems experienced with the cardan transmission, the company asked for a solution from Regina which, with its skill, solved the problem and reached success with this new method of power transmission. As the motorcycle market was thriving, new companies approached the market: Benelli regained strength and MotoMorini, Ducati, the 4-cylinder Gilera and the Verghera of MV competed with the 8-cylinder from Mandello Guzzi. In the 80’s, Italy was a leader in motorcycle manufacturing. And Regina was part of this success: an Italian company proudly representing the Italian ability of providing technology for the world.

Bayliss, Biaggi, Lorenzo, Rossi, Everts, Cairoli, Herlings, Eriksson, Prado, and Remes appreciated the high quality of the Regina products, as well as the “Regina Race” by combining innovation with an outstanding and consistently high quality level has allowed Regina to be a market leader, enabling it to serve leading motorcycle manufacturers such as Aprilia, BMW, Ducati, Harley-Davidson, Honda, KTM and Yamaha, just to name a few.

The production of motorcycle chains began in 1939; Regina was the first chains manufacturer in the world with a serious approach to the motorcycle field. After the Second World War, companies such as Guzzi and Gilera came out with an intuitive move to offer new affordable models, anticipating the scooter era and innovating the market with light bikes such as the “Guzzino”. Carelli was offering the “Mosquito” and many other companies produced small engines of 25-50cc to fit on bicycles. This was the birth of the “moped”, the first real integral motorisation for Italians.

Close behind followed Piaggio’s “Vespa” and

Lowson, Capirossi, Stoner, Roberts, “The chain of Champions”

Service Team” which is today, and has been ever since, present on all European and US race tracks and circuits, providing significant assistance to the achievement of world records and titles. Over the period of 100 years, many championships in each discipline and category have been won, both in the road and off-road segments, with nearly 350 World Championship titles so far.

Hundreds of Italian and foreign champions such as Ruffo, Ubbiali, Nieto, Duke, Surtees, Hailwood, Agostini, Lucchinelli, “Original equipment on top bike manufacturers.”

difference between Regina and other players, making Regina the undisputed world leader in research, development and production of chains for every type of application.

Regina’s key to success is rooted in a close cooperation with the most prominent motorcycle manufacturers. Understanding the needs of OEMs and meeting their requirements

“100% Made in Italy.”

Regina Chain, performance in motion since 1919.
In motorcycle field, the chain drive offers high reliability, versatility and an excellent efficiency rating (more than 97%). A drive chain, engaging on front and rear sprockets, transfers the power from the engine to the rear wheel. By following a few simple indications, it is possible to utilize its full efficiency and at the same time eliminate any obstacles to obtain a safe and long life. In fact, poor assembly and inadequate maintenance could compromise both performance and safety. It is necessary therefore to follow all the information about the selection, assembly and maintenance of the chain. In these pages, Regina wants to give suggestions for proper installation, use and maintenance of the drive chain and all components.
### Adventure
- CROSS
- SUPERMOTARD
- ENDURO

<table>
<thead>
<tr>
<th>Chain Width</th>
<th>Pitch</th>
<th>Speed</th>
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<tbody>
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<td>4</td>
</tr>
<tr>
<td>420/124</td>
<td>124</td>
<td>5</td>
</tr>
<tr>
<td>428/126</td>
<td>126</td>
<td>7</td>
</tr>
<tr>
<td>520/135</td>
<td>135</td>
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<tr>
<td>420/124 RX3</td>
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<td>5</td>
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<tr>
<td>428/126 RX3</td>
<td>126</td>
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</tr>
<tr>
<td>520/135 RX3</td>
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<tr>
<td>520/135 ZSE</td>
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<td>9</td>
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<tr>
<td>520/135 ZRE</td>
<td>135</td>
<td>9</td>
</tr>
<tr>
<td>525/137 ZRE</td>
<td>137</td>
<td>9</td>
</tr>
</tbody>
</table>

### Performance
- Black Dual

This chart is only to be used as a general guide. For actual chain fitment, please refer to the Fitment List.

### Speedway

### OFF-ROAD Racing

### Regina Extra

### Specialties
- SUPERBIKE
- TOURING STREET
- SPORTBIKE
- URBAN

### Regina Extra VS Professional

### Regina Extra VS Premium

This chart is only to be used as a general guide. For actual chain fitment, please refer to the Fitment List.
Invisible precision.

A wide range of bush / roller chains and inverted tooth chains for engine timing drives, available in various versions for motorcycle and automotive applications.

Once upon a time.

This chart is only to be used as a general guide. For actual chain fitment, please refer to the Fitment List.

RIVET LINK TYPE 19
This is the rivet link traditionally proposed by Regina to close chains, used also in some motorcycle competition. It resists the mechanical stresses in the same way as the other links of the chain. Special tools are required to correctly install this link (see page 26).

RIVET LINK TYPE 44
The rivet link type 44, which guarantees the same resistance as the link type 19, has special pins with holes that facilitate the pin head chamfering. A special tool is required to correctly install this link (see page 26).

SLIP FIT LINK TYPE 26
This connecting link is designed for installation on cross, enduro and supermotard bikes, as well as on mopeds. It is extremely easy to install and does not require dedicated tools. It should not be used on road motorcycles with more than 250 cc engine displacement and on off road motorcycles with more than 450 cc engine displacement.

PRESS FIT LINK TYPE 42
This connecting link is easy to install, requires a hammer for press fitting its external plate onto the pins, applying a second hammer on the back side, in contact with the pins’ head (alternatively use a pliers with a straight plate on the back side in contact with the pins’ head). It is designed mainly for installation on cross, enduro and supermotard bikes. It should not be used on motorcycles with more than 500 cc engine displacement.

TIMING

Invisible precision.

A wide range of bush / roller chains and inverted tooth chains for engine timing drives, available in various versions for motorcycle and automotive applications.

TOOLS

Maximize the Effectiveness.

A wide range of tools, including spare parts, to install and maintain your chains. All tools, designed and manufactured by Regina, were conceived to maximize the effectiveness and the safety of all operations.
ZRP and ZRT are Original Equipments on:

DUCATI

The new generation Z-Ring seal, patented since 2003, featuring a special-designed conical shape on their inner side, represent the evolution of previous X-Ring and Z-Ring designs. The Z-Ring flexes when assembled, creating a spring effect that guarantees the seal will not decrease over time. The special Z-Ring section provides enhanced chain flexibility. The conical section enhances the assembling on the bushing. The lubricant trapped between the plates and the lobes of the Z-Ring keeps the ring lubricated and increases its life.
Specifically designed for application on high powered bikes, these chains are able to offer exceptional performance thanks to the patented Z-Ring.

Assembled with high alloy steel pins and plates, solid bushings and rollers, shot-peening of plates, pins and rollers and pre-stressed for performance enhancement, assuring excellent resistance to mechanical stresses of the latest superbikes.

**Sportbike**

Briefly designed for application on high powered bikes, these chains are able to offer exceptional performance thanks to the patented Z-Ring.

Assembled with high alloy steel pins and plates, solid bushings and rollers, shot-peening of plates, pins and rollers and pre-stressed for performance enhancement, assuring excellent resistance to mechanical stresses of the latest superbikes.

**Touring Street**

Intended for touring use, these chains ensure high mileage with reduced elongation thanks to the Z-Ring seal.

Assembled with solid bushings and rollers, shot-peening of plates, pins and rollers to increase the fatigue resistance. Submitted to performance-enhancing pre-stretching, they are available in several quality levels to ensure the right type of chain for every application.
Urban

Quality chains: performance, durability and style designed for urban vehicles. Special extended bushings, developed to increase the press-fit into the inner link plates of the chain, ensure a high resistance to chain kinking. All chains are pre-stretched to increase fatigue and made in gold color to increase wear resistance.

Chain Kit

Available for most of the popular motorcycles, Regina Chain Kits are the best choice to perfectly replace the secondary drive train of your bike. Each kit is provided with heat treated front sprocket, induction hardened rear sprocket and the right Regina chain for each motorcycle.
RX3 chain features the special **Shaped Bushing** which eliminates the “barrel” effect that occurs when a standard bushing is assembled. The result is full contact between bushings and pins along the entire length, with a subsequent reduction in specific contact pressure and, hence, reduction wear.

RX3 chain features also **Chromized Pins**: exceptional pins surface hardness to maximize wear resistance and enhanced pin core strength to guarantee outstanding shock resistance.
Designed to ensure high resistance to elongation and to the severe impulsive stresses caused by Off-Road riding. Extended bushings and solid rollers, alloy carbon steel pins, shot-peened plates to offer increased tensile strength and fatigue resistance are some of the most important features. RX chains feature shaped bushings and special “X” chromized alloy carbon steel pins, together with special beveled plates to provide sure engagement in the most severe Off-Road applications.

Cross Supermotard

Designed to ensure high resistance to elongation and to the severe impulsive stresses caused by Off-Road riding. Extended bushings and solid rollers, alloy carbon steel pins, shot-peened plates to offer increased tensile strength and fatigue resistance are some of the most important features. RX chains feature shaped bushings and special “X” chromized alloy carbon steel pins, together with special beveled plates to provide sure engagement in the most severe Off-Road applications.

Cross Supermotard

Enduro

The new ZSE chains are the result of an intense development process made side by side with the best Enduro Racing Teams, with the aim to deliver the most efficient power transmission from engine to wheel, limiting friction while preserving durability. The result is the best light-running chain available on the market today. The new narrow Z-Ring, together with high carbon alloy steel shot-peened plates, offers a reliability proven by the fact many OEMs have chosen to fit ZSE chain as original equipment on their Enduro bike range. These features, added to light weight and narrow width, make ZSE the best choice in terms of performance for Enduro competitions.
**Adventure**

Designed and developed to withstand the severe stresses caused by Off-Road riding, ZRE chains are intended for long distance Adventure use, thanks to the special Z-Ring which allows extended lubrication intervals while delivering incredible durability levels. ZRE chains are assembled with high carbon alloy steel, solid bushings and rollers, shot-peened plates, pins and rollers to reach high fatigue limits. ZRE is the chain you can trust, the best choice for Adventure riding.

**Black Dual**

BLACK DUAL chains have a natural steel color and are available in 520 and 525 dimensions only. Manufactured with high carbon alloy steel components, solid bushings and rollers, shot-peened plates, pins and rollers to reach high fatigue resistance. Laser marking on outer plates to identify dimension, model and origin. Submitted to performance enhancing pre-stretching, also thanks to the Z-Ring seals, BLACK DUAL chains ensure high mileage, reduced elongation and extended lubrication intervals.
The Chain of Champions.

Designed expressly for racing use, REGINA EXTRA series chains are the sum of Regina’s experience collected in motorcycle competition. Available in several different models for every high performance application.

### OFF ROAD RACING

<table>
<thead>
<tr>
<th>Application</th>
<th>International Reference</th>
<th>Regina Reference</th>
<th>Pitch (mm)</th>
<th>Inner Width (mm)</th>
<th>Roller Ø (mm)</th>
<th>Plate Thickness (mm)</th>
<th>Pin Length (mm)</th>
<th>Weight (kg/m)</th>
<th>Weight (lb/100 links)</th>
<th>Tensile Strength (N)</th>
<th>Average Tensile Strength (kg/100 links)</th>
<th>Color</th>
<th>Connecting Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF-ROAD MX</td>
<td>520 135 ORAW2</td>
<td>15,875</td>
<td>5/8</td>
<td>6.35</td>
<td>1/4</td>
<td>10.16</td>
<td>2.0</td>
<td>2.0</td>
<td>18.1</td>
<td>3.08</td>
<td>5.43</td>
<td>35,000</td>
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**New!**

### ROAD RACING

<table>
<thead>
<tr>
<th>Application</th>
<th>International Reference</th>
<th>Regina Reference</th>
<th>Pitch (mm)</th>
<th>Inner Width (mm)</th>
<th>Roller Ø (mm)</th>
<th>Plate Thickness (mm)</th>
<th>Pin Length (mm)</th>
<th>Weight (kg/m)</th>
<th>Weight (lb/100 links)</th>
<th>Tensile Strength (N)</th>
<th>Average Tensile Strength (kg/100 links)</th>
<th>Color</th>
<th>Connecting Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROAD RACING</td>
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<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>
### SPECIALTIES

**SPEEDWAY**
- Reference: 15,875
- Pitch: 5/8
- Inner Width: 3/8
- Plate Thickness: 3/8
- Pin Length: 3/8
- Weight: 13.0
- Tensile Strength: 3.5

**ATV / QUAD**
- Reference: 12,70
- Pitch: 1/2
- Inner Width: 7/16
- Plate Thickness: 3/16
- Pin Length: 3/16
- Weight: 24.0
- Tensile Strength: 4.5

**TRIAL**
- Reference: 15,875
- Pitch: 5/8
- Inner Width: 3/8
- Plate Thickness: 3/8
- Pin Length: 3/8
- Weight: 13.0
- Tensile Strength: 3.5

**KART**
- Reference: 12,70
- Pitch: 1/2
- Inner Width: 7/16
- Plate Thickness: 3/16
- Pin Length: 3/16
- Weight: 24.0
- Tensile Strength: 4.5

**DRAG RACE**
- Reference: 15,875
- Pitch: 5/8
- Inner Width: 3/8
- Plate Thickness: 3/8
- Pin Length: 3/8
- Weight: 13.0
- Tensile Strength: 3.5

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In keeping with the history and tradition of Regina, we offer a range of original style natural coloured chains to suit Classic Motorcycles. The strength and integrity of this range is a continuation of our dedication to quality and durability. Offset links are available for this range, in line with original chain fitment requirements.
**TIMING**

Invisible precision.

Bushing or roller chains for engine timing drives (cam drive, oil pump, water pump). Available in different types to fit motorcycle and automotive applications.

<table>
<thead>
<tr>
<th>CHAIN REFERENCE</th>
<th>INNER WIDTH</th>
<th>PLATE THICKNESS</th>
<th>PIN D</th>
<th>PLATE Ø</th>
<th>PIN LENGTH</th>
<th>WEIGHT</th>
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<tr>
<td>C121HCS</td>
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<td>1.6</td>
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<td>2X1</td>
<td>0.8</td>
<td>1.6</td>
<td>13.0</td>
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<tr>
<td>C226T3</td>
<td>1/2</td>
<td>3/8</td>
<td>2X1.5</td>
<td>1.4</td>
<td>2.4</td>
<td>31.0</td>
</tr>
<tr>
<td>CA35-352N</td>
<td>3/8</td>
<td>1/4</td>
<td>2X1.5</td>
<td>1.4</td>
<td>2.4</td>
<td>31.0</td>
</tr>
</tbody>
</table>

A range of patented inverted tooth chains for engine timing drives (cam drive, oil pump, water pump). Several types of chains, improved by the special “M” anti-wear pin treatment, are available to meet any requirement.

**TOOLS**

Maximize the Effectiveness.

**CHAIN TOOLS**

<table>
<thead>
<tr>
<th>N.</th>
<th>DESCRIPTION</th>
<th>REGINA P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chain breaker type 1 for 3/8”-1/2”-5/8”-3/4” chains</td>
<td>805330</td>
</tr>
<tr>
<td>2</td>
<td>Chain breaker type 7 for 3/8”-1/2”-5/8”-3/4” chains</td>
<td>805330</td>
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<tr>
<td>3</td>
<td>Pliers for O-Ring spring clip connecting link</td>
<td>805203</td>
</tr>
<tr>
<td>4</td>
<td>Professional tool for 1/2” chains assembling</td>
<td>805181</td>
</tr>
<tr>
<td>5</td>
<td>Professional tool for 5/8” chains assembling</td>
<td>805187</td>
</tr>
<tr>
<td>6</td>
<td>Professional tool for 3/4” chains assembling</td>
<td>805183</td>
</tr>
<tr>
<td>7</td>
<td>Professional tool for 1/2” chains riveting</td>
<td>805184</td>
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<td>8</td>
<td>Professional tool for 5/8” chains riveting</td>
<td>805185</td>
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<tr>
<td>9</td>
<td>Professional tool for 3/4” chains riveting</td>
<td>805186</td>
</tr>
<tr>
<td>10</td>
<td>Cutting, assembling and riveting tool for 5/8” chains suitable for type 19 &amp; type 44 connecting links</td>
<td>805199</td>
</tr>
<tr>
<td>11</td>
<td>Cutting, assembling and riveting tool for Silent chain</td>
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<tr>
<td>12</td>
<td>Tools set for 5/8” chains: 805330 + 805187 + 805185</td>
<td>805191</td>
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**SPARE PARTS FOR TOOLS**

<table>
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<tbody>
<tr>
<td>1</td>
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<td>3</td>
<td>Link plate carrier for assembling tools 3/8” chain</td>
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<td>4</td>
<td>Press fit link plate carrier for assembling tools 3/8” chain</td>
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<td>5</td>
<td>Holding blades for link plate carrier assembling tools (in 2 pieces)</td>
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<tr>
<td>6</td>
<td>Centering pin for 5/8” assembling and riveting tools</td>
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<td>7</td>
<td>Link plate carrier for rivet link Type 44</td>
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<td>8</td>
<td>Punch for 1/2” riveting tools</td>
<td>805178A</td>
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<td>Punch for 5/8” riveting tools</td>
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<tr>
<td>10</td>
<td>Punch for 3/4” riveting tools</td>
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<td>Puller for Silent chains breaker</td>
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**CHAIN PITCH INNER WIDTH  ROLLERø PLATE  THICKNESS PIN  LENGTH WEIGHT AVERAGE TENSILE STRENGTH**

<table>
<thead>
<tr>
<th>Regina Reference</th>
<th>mm</th>
<th>in.</th>
<th>mm</th>
<th>in.</th>
<th>mm</th>
<th>mm</th>
<th>mm</th>
<th>mm</th>
<th>kg/m</th>
<th>kg/100 links</th>
<th>lbs/100 links</th>
<th>N</th>
<th>Lbs/100 links</th>
<th>Colors</th>
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<tbody>
<tr>
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<td>5.72</td>
<td>3/8</td>
<td>6.35</td>
<td>1.0</td>
<td>1.3</td>
<td>13.9</td>
<td>0.47</td>
<td>0.44</td>
<td>0.99</td>
<td>13.000</td>
<td>2.022</td>
<td>B</td>
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<tr>
<td>C121CSRF</td>
<td>9.525</td>
<td>3/8</td>
<td>5.72</td>
<td>3/8</td>
<td>6.35</td>
<td>1.0</td>
<td>1.3</td>
<td>13.9</td>
<td>0.47</td>
<td>0.44</td>
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<tr>
<td>C226T3</td>
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<td>1.3</td>
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</table>

**CHAIN Reference**

- 82RH2005M
- 82RH2010M
- 82RH2015M
- 92RH2005M
- 92RH2010M
- 92RH2015M

**Timing bushing or roller chains**

- Suitable for: 805000 + 805187 + 805185

**TIMING Precision.**

Bushing or roller chains for engine timing drives (cam drive, oil pump, water pump). Available in different types to fit motorcycle and automotive applications.

The rivet links have flat shape (as 98 type).

**TIMING**

Invisible precision.

Bushing or roller chains for engine timing drives (cam drive, oil pump, water pump). Available in different types to fit motorcycle and automotive applications.

**TIMING**

Invisible precision.

Bushing or roller chains for engine timing drives (cam drive, oil pump, water pump). Available in different types to fit motorcycle and automotive applications.

**TIMING**

Invisible precision.
Merchandising

- **Roll up display**
  - **OFF-ROAD SHAPED BUSHING**
    - 200x80 cm
    - I: 8ZP003
    - E: 8ZP006
    - DE: 8ZP007
    - ES: 8ZP008
    - FR: 8ZP009
  - **ROAD Z-RING**
    - 200x80 cm
    - I: 8ZP004
    - E: 8ZP010
    - DE: 8ZP011
    - ES: 8ZP012
    - FR: 8ZP013

- **Banner TNT**
  - 5000x80 cm
  - 8ZP005

- **Carpet**
  - 200x80 cm
  - 8ZP002

- **Gloves**
  - L: 8ZA097
  - XL: 8ZA098
  - Pack 20 Pair

- **General Catalogue Moto**
  - **Reduced version**
    - 21x29,7 cm
    - PC13D20EC
    - Pack 25 PCS
  - **Complete version**
    - 21x29,7 cm
    - PC13A20EC
    - Pack 20 PCS

- **Leaflet Moto**
  - 10,5x14,8 cm
  - PD20A20C
  - Pack 250 PCS
REGINA CHAIN is a world leading manufacturer of premium power transmission chains. We are focused on development and production since 1919, 100% made in Italy. We work in close partnership with the top international motorcycle manufacturers taking challenges at global level and achieving new goals every year. Evident result of our commitment are the World Championships we constantly conquer in the core racing categories at international level.

www.racing.reginachain.net