

20 26

CITY & TREKKING CATALOG

Micanda
The European Bike Fundamentals.



Micanda

Miranda & Irmão, established in 1950, has a rich legacy and extensive expertise, honed over the decades through a journey that began with complementary bicycle components in the 50s, the motorcycle industry in the early 70s and culminated in bicycle components again in the late 80s. Today, Miranda is a leading manufacturer of bicycle components, recognized for its unparalleled reliability, quality, and design excellence. The company's commitment to innovation and research and development has resulted in numerous awards and recognition as one of the largest companies investing in innovation and international IP, within Portugal.

As a cutting-edge, industry-leading company, Miranda leverages the latest in Industry 4.0 technology and innovative manufacturing techniques to continuously optimize its production processes and workflows. The company's world-class factory is one of the most advanced in the industry, boasting a footprint of over 30000 sqm and near 100% control over its production processes. This control allows Miranda to continuously experiment with new approaches and test new materials and techniques, resulting in unique, high-quality solutions. Additionally, the company's commitment to environmental preservation is demonstrated through its use of 100% renewable electricity and its focus on reducing waste and investing in energy-efficient machinery.

Miranda's strategic location, less than an hour from a major airport and sea port in Porto and within 3 hours of a plane ride to the center of Europe, further strengthens its competitive advantage. The company's technical know-how is supported by its own World Class Professional Teams, who test and refine its solutions through rigorous competition. In 2020, Miranda was the World Champion in the first ever global e-Bike competition, with its athletes consistently taking the podium in the following years.





The company's commitment to excellence is reflected in its rapid response to customer needs and its ability to produce high-quality, value-added solutions that are tailored to meet their specific requirements. Miranda's lead times are market-leading, a result of its substantial investment in manufacturing capacities and its ability to rapidly understand and solve problems in a cost-effective manner.

As a bicycle components leader with established "green" manufacturing practices, Miranda is paving the way for the bicycle industry around the world. Our commitment to constantly improve and deliver exceptional products is unwavering and we are here to serve you.

and





Cranksets with a single chainring



Cranksets with dual chainrings



Cranksets with three chainrings



Interchangeable cranksets parts



Cranksets with integrated axle



ISIS Interface Standard



JIS square taper Standard



BNI Interface for Bosch Gen3



Dual side Screws Shimano Interface



Dual side Screws Shimano Interface for EP Drive Units



Fazua RIDE 60 Interface



Dual side Screws Bafang Interface for M420, M500, M600 and M800



with CHAINFLOW Technology

Titanium Crankset



Interchangeable cranksets parts



Bottom Bracket BSA 68/73 with 24/22 Size



Bottom Bracket BSA 68/73 with 24/24 Size



Bottom Bracket Pressfit with 24/22 Size



Bottom Bracket Pressfit with 24/24 Size

CRANKSET



Economical chainring option



Bi-dimensional Anti-chaindrop control



Shifting without Drops



Carbon Nanoscaled Coating



Tri-dimensional Anti-chaindrop control 9-10-11-12 speed



Tri-dimensional Anti-chaindrop control specific for Shimano Hyperglide+ and DLC 12 KMC



Tri-dimensional Anti-chaindrop control specific for 13 speed EKAR C13 Campagnolo

BOTTOM BRACKETS

CHAINRINGS TECHNOLOGY



Easy and fast Installation



Durable and resistant Carbon reinforced

SEAT POST

CABLE CLAMPS



CITY & TREKKING Index

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As the world of cycling expands to embrace city and trekking enthusiasts, Miranda is once again at the forefront, offering a diverse range of products tailored to meet the unique needs of urban riders.

Located in Águeda, Portugal, our state-of-the-art in-house production process ensures that we can easily adapt to the evolving demands of the industry. With a deep understanding of the urban landscape and the challenges it presents, we have developed a range of components that excel in both performance and durability.

Our commitment to customization sets us apart. While each product in this section is listed with standard specifications, we offer something extra – the option to supply a proprietary design to Miranda. This unique opportunity allows bike manufacturers to customize components to their exact specifications, ensuring a perfect fit for their urban riding needs.

Within this city and trekking catalogue, you will find a comprehensive range of components meticulously designed to enhance your urban riding experience. From innovative and reliable drivetrain systems to cutting-edge components produced with recycled materials and green energy, our products are engineered to handle the challenges of the city streets and scenic treks.

Whether you're commuting to work, cruising through city streets, or embarking on long-distance treks, Miranda Bike Parts is here to provide you with the cutting-edge components you need to unlock the full potential of your urban adventures.



CITY & TREKKING SOLUTIONS





CRANK MODELS

The Ultimate Properties of our Cold-Forged Aluminium Bike Cranks: An Engineering Marvel

Our bike cranks have been designed with a single purpose in mind: to eliminate any and all weak points in their structure. The use of proprietary cold-forging techniques, along with a carefully crafted composition of materials, has allowed us to create cranks that are not only lightweight, but also incredibly resistant to fatigue and high-impact stress. Also, are environmentally friendly, since we use recycled aluminium and 100% green electricity to produce them.

Moreover, the use of advanced computational simulations and extensive real-world testing has allowed us to fine-tune the design of the cranks to ensure that they perform at the highest level possible. The result is a product that is not only lightweight, but also incredibly durable and reliable, making it an ideal choice for bike enthusiasts who demand the best performance from their equipment.

The cold-forging process involves subjecting the aluminium to intense pressure and temperature, which not only strengthens the material, but also refines its microstructure to create a more homogeneous and consistent structure. Our process has several advantages, since we do it uniquely and in a fully automatic way, keeping the properties of material always stable, ensuring the highest quality standards. Our process, made entirely in Portugal, allows our cranks to be more resistant to fatigue and high-impact stress.

If you're looking for cranks that are strong, reliable and built to last, look no further than our bike cranks.

Delta

REF. 003

MGreen

X^{Micanda}**MOD**

HOLLOW TUBE

**Material**

Aluminium

Length (mm)150 . 152 . 155 . 160
165 . 170 . 172,5 . 175**Weight (g)***

245

Finishes**Standard
Polished
Diamant
Double Diamant
Pearl
Plus
Inline
Inline Plus
Graphic
HD

CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:8FB	8,1 mm	30,1 mm	13,5 mm	25,2 mm
Q:16	16,1 mm	27,1 mm	10,5 mm	30,2 mm
55Q:16	16,1 mm	32,6 mm	16 mm	35,7 mm
Q:16-UC	16,1 mm	38,9 mm	22,3 mm	42 mm
Q:19	19,1 mm	27,1 mm	10,5 mm	33,2 mm
Q:21FB	21,1 mm	30,1 mm	13,5 mm	38,2 mm
55Q:21	21,1 mm	32,6 mm	16 mm	40,7 mm
Q:29,5-UC	29,6 mm	38,9 mm	22,3 mm	55,5 mm
55Q:29,5	29,6 mm	32,6 mm	16 mm	49,2 mm
Q:35	35,1 mm	27,1 mm	10,5 mm	49,2 mm
55Q:35	35,1 mm	32,6 mm	16 mm	54,7 mm
Q:38	38,1 mm	27,1 mm	10,5 mm	52,2 mm

*crank (ISIS 170/Q:16) without bolt

**Samples of the finishes on page 37

Epsilon

REF. 005

X^{Micanda}**MOD**

HOLLOW TUBE

**Material**

Aluminium

Length (mm)

165 . 170 . 175

Weight (g)*

201

Finishes**

Standard

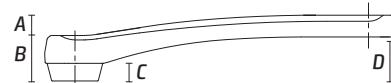
CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
55Q:8	8 mm	32,7 mm	12,5 mm	27,7 mm
Q:16	16 mm	27,2 mm	10,5 mm	30,2 mm
55Q:21	21,1 mm	32,6 mm	16 mm	40,7 mm
Q:35	35,1 mm	27,1 mm	10,5 mm	49,2 mm

*crank (ISIS 165/Q:8) without bolt

**samples of the finishes on page 37

Kappa

REF.006

**XMOD****HOLLOW TUBE****ISIS****JS****Material**

Aluminium

Length (mm)

150 . 155 . 160

170 . 175

Weight (g)*

227

Finishes**

Standard

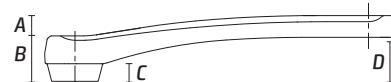
CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:16	16,1 mm	27,1 mm	10,5 mm	30,2 mm
Q:21	21,1 mm	27,1 mm	10,5 mm	35,2 mm
Q:35	35,1 mm	27,1 mm	10,5 mm	49,2 mm

*crank (ISIS 170/Q:0) without bolt

**samples of the finishes on page 37

Omega

REF. 007

**XMOD****HOLLOW TUBE****ISIS****JS****Material**

Aluminium

Length (mm)

150 . 152 . 155

160 . 165 . 170

Weight (g)*

222

Finishes**

Standard

Polished

Diamant

Double Diamant

CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:16	16 mm	27,2 mm	10,5 mm	30,2 mm

*crank (ISIS 160/Q:16) without bolt

**Samples of the finishes on page 37

Sigma

REF. 008

**Material**

Aluminium

Length (mm)

160 . 165 . 170

Weight (g)*

250

Finishes**

Standard

CRANK Q-FACTORS	A	B	C	D
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:12	12,1 mm	27,1 mm	10,5 mm	26,2 mm
Q:16	16,1 mm	27,1 mm	10,5 mm	30,2 mm

*crank (ISIS 170/Q:16) without bolt

**samples of the finishes on page 37

Kies

REF. 009

**Material**

Aluminium

Length (mm)

160 . 165 . 170

Weight (g)*

240

Finishes**

Standard

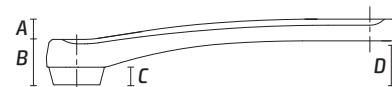
CRANK Q-FACTORS	A	B	C	D
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:12	12,1 mm	27,1 mm	10,5 mm	26,2 mm

crank (ISIS 170/Q:16) without bolt

**samples of the finishes on page 37

Tethys

REF. 013

**Material**

Aluminium

Length (mm)

150 . 152 . 155

160 . 165 . 170

Weight (g)*

240

Finishes**

Standard

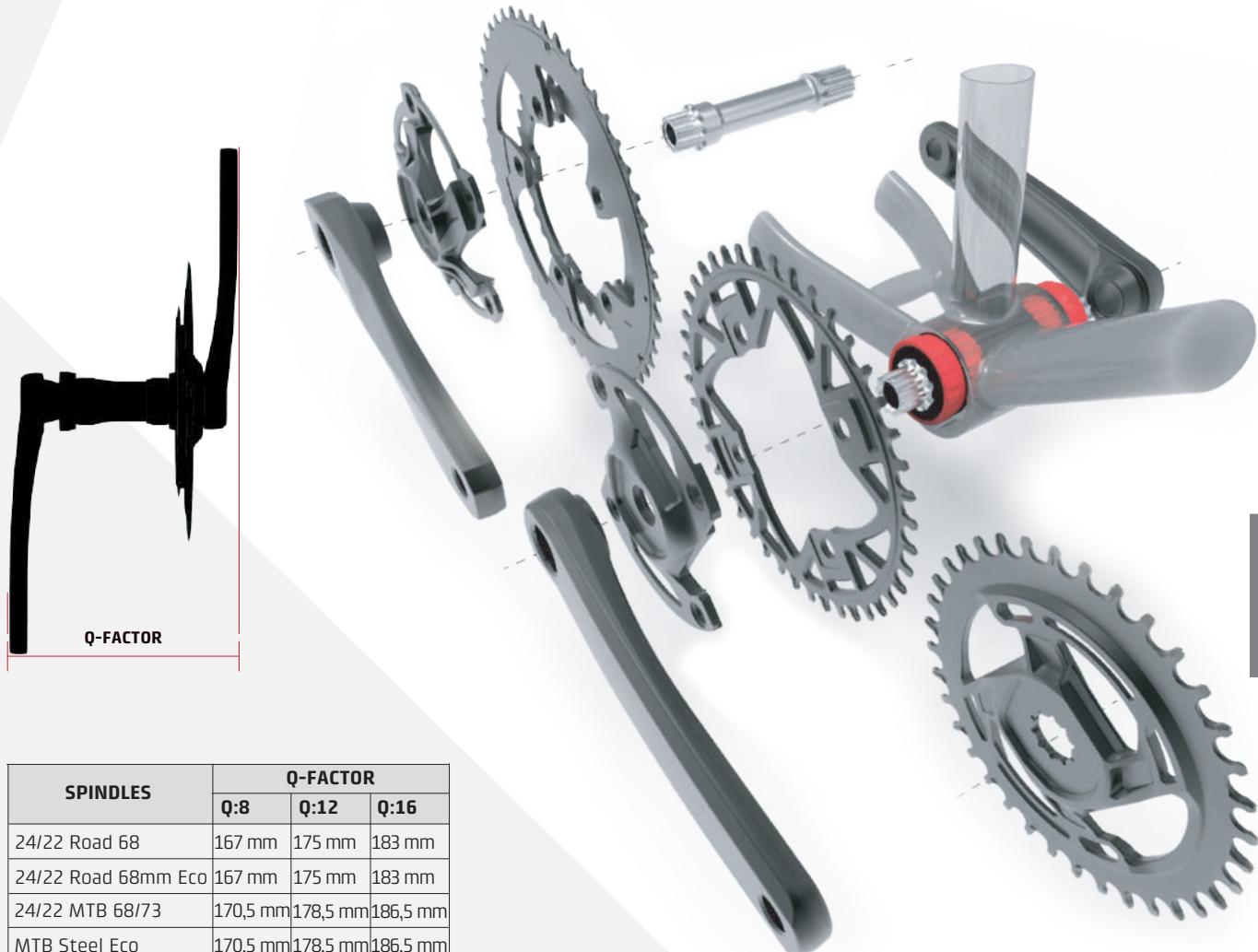
CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:16	16 mm	27,2 mm	10,5 mm	30,2 mm

*crank (ISIS 170/Q:16) without bolt

**samples of the finishes on page 37

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SPINDLES	Q-FACTOR		
	Q:8	Q:12	Q:16
24/22 Road 68	167 mm	175 mm	183 mm
24/22 Road 68mm Eco	167 mm	175 mm	183 mm
24/22 MTB 68/73	170,5 mm	178,5 mm	186,5 mm
MTB Steel Eco	170,5 mm	178,5 mm	186,5 mm

Crankset Xmod Classic CF3D

In order to choose tooth type please check chain compatibility in page 38
Other cranks from page 7 to 12

Any sizes, finishes and Q-factors by request
*other chainlines available by request
**with 44T Chainring



SPECIFICATIONS REF. 700

Material
Aluminium

Teeth
32T to 52T and 56T

Chainline (mm)*
Standard - 51

Weight (g)**
584

Finishes
Standard

SPIDERS

Spider XM BCD104





SPECIFICATIONS

REF. 159

BCD

104

Material

Aluminium

Weight (g)

84

Finishes*

Standard

SPINDLES	FRAME SHEEL	SPACER** DRIVER SIDE	SPACER** LEFT SIDE	CL Single* (inside)	CL Single* (outside)	CL Double	BOTTOM BRACKET
24/22 ROAD	68 mm	-----	-----	44,5 mm	51,5 mm	48,5 mm	Miranda GXP
24/22 MTB	68 mm	2	-----	50,5 mm	57,5 mm	54,5 mm	Miranda GXP
24/22 MTB	68 mm	1	1	48 mm	55 mm	52 mm	Miranda GXP
24/22 MTB	68 mm	-----	2	45,5 mm	52,5 mm	49,5 mm	Miranda GXP
24/24 GRAVEL Single	68 mm	-----	-----	45,5 mm	52 mm	49 mm	Miranda 24/24 ROAD
24/24 GRAVEL Single	68 mm	1	-----	46,5 mm	53 mm	50 mm	Miranda 24/24 MTB
24/24 GRAVEL Single	68 mm	-----	1	44 mm	50,5 mm	47,5 mm	Miranda 24/24 MTB

In order to choose your spindle check page 18

*chainlines measured with chainwheel CF3D / other chainlines available by request

**2,5mm spacer

Spider DOUBLE110/74



SPECIFICATIONS

REF. 160
BCD
110/74
Material
Aluminium
Weight (g)
105
Finishes*
Standard

SPINDLES	FRAME SHEEL	SPACER** DRIVER SIDE	SPACER** LEFT SIDE	CL Single* (inside)	CL Single* (outside)	CL Double	BOTTOM BRACKET
24/22 ROAD	68 mm	-----	1	48,5 mm	55,5 mm	45 mm	Miranda GXP
24/22 MTB	68 mm	2	-----	54,5 mm	61,5 mm	51 mm	Miranda GXP
24/22 MTB	68 mm	1	1	52 mm	59 mm	48,5 mm	Miranda GXP
24/22 MTB	68 mm	-----	2	49,5 mm	56,5 mm	46 mm	Miranda GXP
24/24 GRAVEL Single	68 mm	-----	-----	49,5 mm	56 mm	45,5 mm	Miranda 24/24 ROAD
24/24 GRAVEL Single	68 mm	1	-----	50,5 mm	57 mm	46,5 mm	Miranda 24/24 MTB
24/24 GRAVEL Single	68 mm	-----	1	48 mm	54,5 mm	44 mm	Miranda 24/24 MTB

In order to choose your spindle check page 18

*chainlines measured with chainwheel CF3D / other chainlines available by request

**2,5mm spacer

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SPINDLES

24/22 ROAD 68mm



REF. 516
Material
Titanium

ROAD

Length (mm)
128,5
Weight (g)
95

24/22 ROAD 68mm ECO



REF. 517
Material
Steel

ROAD

Length (mm)
128,5
Weight (g)
167

24/22 MTB



REF. 510
Material
Titanium

MTB

Length (mm)
132
Weight (g)
147

24/22 MTB ECO



REF. 511
Material
Steel

MTB

Length (mm)
132
Weight (g)
256

24/24 GRAVEL Single



REF. 502
Material
Titanium

GR SINGLE

Length (mm)
125,5
Weight (g)
107

24/24 GRAVEL Single ECO



REF. 503
Material
Steel

GR SINGLE

Length (mm)
125,5
Weight (g)
189



MGreen

Miranda

The MGreen Crankset is a revolutionary product designed with sustainability and innovation at its core. Crafted from the principles of ecodesign, this patented system stands as a pioneering alternative to traditional cranksets commonly found in the market.

What sets the MGreen Crankset apart is its unique design that allows the separation of its two primary components: the chainring, constructed from durable steel, and the crank arm, forged from lightweight aluminium. This innovative feature deviates from the conventional clamped cranksets, offering a range of benefits that align with our commitment to sustainability.

In the event of a component failure, this design allows for the replacement of only the damaged part, significantly reducing waste by preserving the part that remains in good condition. Furthermore, when the crankset reaches the end of its life cycle, the ability to separate its components simplifies the recycling process. By facilitating the easy segregation of the two different materials - steel and aluminium - we ensure a more efficient and environmentally conscious recycling method.

The MGreen Crankset is not merely a component of a bicycle; it's a testament to our dedication towards creating products that respect and protect our environment. With every MGreen Crankset you choose, you are investing in a future where cycling and sustainability go hand in hand.

Crankset MGreen Delta CF3D

In order to choose tooth type please check chain compatibility in page 38

Any sizes, finishes, Q-factors and chainlines by request

* other sizes available by request

** With 34T Direct mount



MGreen



SPECIFICATIONS

REF. 701

Material

Aluminium
Steel

Teeth*

28T to 36T

Weight (g)**

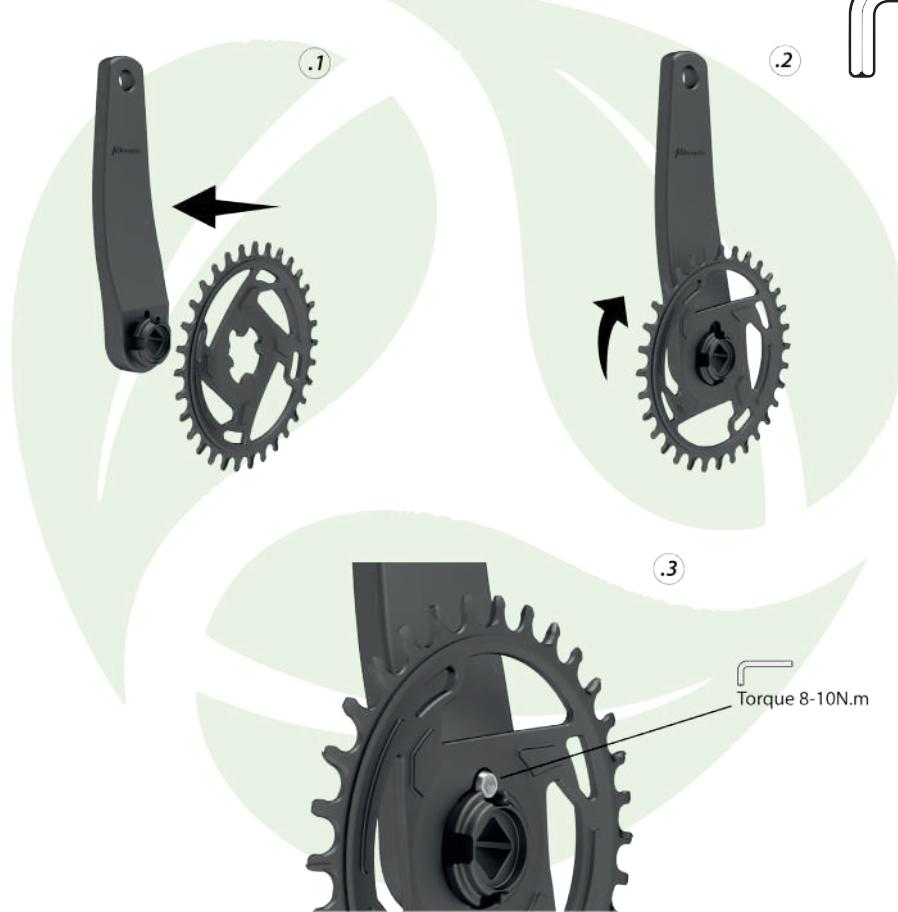
741

Finishes

Standard

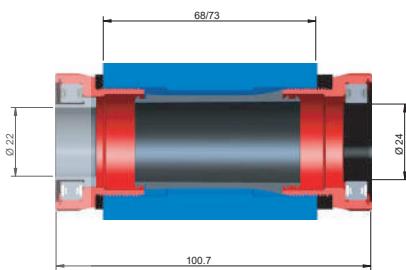
ASSEMBLY INSTRUCTIONS

TOOLS:



BOTTOM BRACKETS

Miranda - GXP® compatible



SPECIFICATIONS

REF. 600

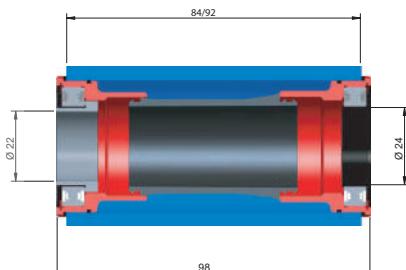
Frame type
BSA 68/73

Weight (g)
112

Size
24/22

Material
Aluminium

Miranda Pressfit Bottom Bracket



SPECIFICATIONS

REF. 601

Frame type
Press Fit

Weight (g)
99

Size
24/22

Material
Aluminium

BB30 Press Fit Adapter



SPECIFICATIONS

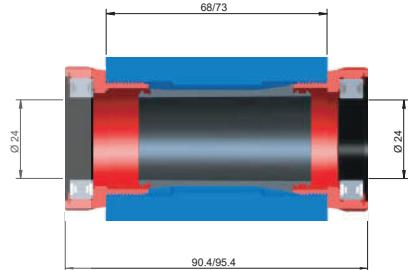
REF. 602

Weight (g)
96

Size
24/22

Material
Aluminium

Miranda 24/24 Road - compatible



SPECIFICATIONS

REF. 603

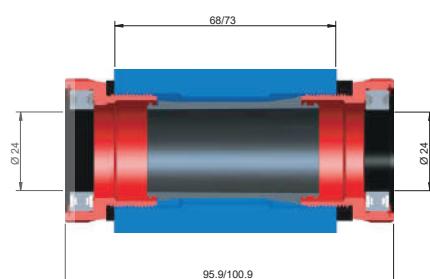
Frame type
BSA 68/73

Weight (g)
107

Size
24/24

Material
Aluminium

Miranda 24/24 MTB - compatible



SPECIFICATIONS

REF. 604

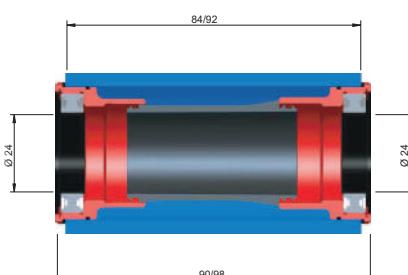
Frame type
BSA 68/73

Weight (g)
112

Size
24/24

Material
Aluminium

Miranda Pressfit 24/24



SPECIFICATIONS

REF. 605

Frame type
Press Fit

Weight (g)
99

Size
24/24

Material
Aluminium

Delta HT Spiderless CF3D

Any sizes, finishes and Q-factors by request
Other cranks from page 7 to 12
* with 32T Direct mount



SPECIFICATIONS

REF. 702

Chainring Material
Steel

Length (mm)
150 . 152 . 155 . 160
165 . 170 . 172,5 . 175

Weight (g)*
814

Teeth
30T . 32T



CRANKSET

1X

Delta Spiderless CF

In order to choose tooth type please check chain compatibility in page 38
 Other cranks from page 7 to 12
 Any sizes, finishes and Q-factors by request



SPECIFICATIONS

REF. 703

Chainring Material
 Steel

Length (mm)
 150 . 152 . 155 . 160
 165 . 170 . 172,5 . 175

Weight (g)
 814

Teeth
 32T

Delta Spiderless

In order to choose tooth type please check chain compatibility in page 38
 Other cranks from page 7 to 12
 Any sizes, finishes and Q-factors by request



Cover available



SPECIFICATIONS

Weight (g)
 24

Size (mm)
 92 . 95 . 110



Finishes

Black
 Black shiny
 Black sand blast
 Gray
 Chrome plating
 White

Delta 1R NW Chainguard NW

In order to choose tooth type please check chain compatibility in page 38
 Other cranks from page 7 to 12
 Any sizes, finishes and Q-factors by request



SPECIFICATIONS

Chainring Material
 Steel

Length (mm)
 150 . 152 . 155 . 160
 165 . 170 . 172,5 . 175

Weight (g)
 711

Teeth
 32T to 52T

Delta 1R Beta Chainguard ST

In order to choose tooth type please check chain compatibility in page 38
 Other cranks from page 7 to 12
 Any sizes, finishes and Q-factors by request
 *with 52T Chainring



SPECIFICATIONS

Chainring Material
 Steel

Length (mm)
 150 . 152 . 155 . 160
 165 . 170 . 172,5 . 175

Weight (g)*
 829

Teeth
 32T to 52T

Delta GAZ Chainguard

In order to choose tooth type please check chain compatibility in page 38
Other cranks from page 7 to 12
Any sizes, finishes and Q-factors by request
*with 42T Direct mount



SPECIFICATIONS

Chainring Material
Steel

Length (mm)
150 . 152 . 155 . 160
165 . 170 . 172,5 . 175

Weight (g)*
784

Teeth
32T, 38T, 42T and 44T



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Beta 2R

In order to choose tooth type please check chain compatibility in page 38
Other cranks from page 7 to 12
Any sizes, finishes and Q-factors by request



SPECIFICATIONS

REF. 709

Chainring Material
Aluminium

Length (mm)
170 . 175

BCD (mm)
104

Weight (g)*
862

Teeth
26/39T . 28/40T . 36/48T



CRANKSET
2X

Beta 2R 5-arms

In order to choose tooth type please check chain compatibility in page 38
Other cranks from page 7 to 12
Any sizes, finishes and Q-factors by request
* with 42/52T Chainring




STANDARD
CHAINRINGS

SPECIFICATIONS

REF. 710

Chainring Material
Steel

Length (mm)
170 . 175

BCD (mm)
110

Weight (g)*
961

Teeth
34/50T . 42/52T



Alfa 3R

In order to choose tooth type please check chain compatibility in page 38
 Other cranks from page 7 to 12
 Any sizes, finishes and Q-factors by request
 * with 22/32/42T Chainring



SPECIFICATIONS

REF. 712

Chainring Material
 Steel

Length (mm)
 170

BCD (mm)
 104

Weight (g)
 927

Teeth
 22/32/42T . 22/32/44T
 28/36/48T . 28/38/48T



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CRANKSET
 3X



Micanda

Delta 3R Chainguard CNC Beta

In order to choose tooth type please check chain compatibility in page 38

Other cranks from page 7 to 12

Any sizes, finishes and Q-factors by request

* with 22/32/42T Chainring



 STANDARD
CHAINRINGS

SPECIFICATIONS

REF. 711

Chainring Material
Aluminium

Length (mm)
150 . 152 . 155 . 160
165 . 170 . 172,5 . 175

BCD (mm)
104

Weight (g)*
959

Teeth
22/32/42T . 22/32/44T
28/36/48T . 28/38/48T



CHAINRINGS

Chainflow 3D BCD110



SPECIFICATIONS

REF. 300

Material
Aluminium

Teeth*
34T to 50T

Weight (g)
45 to 150

Finishes
Anodized

Chainflow 3D BCD104



* other sizes available by request

** with 32T Chainring

In order to choose tooth type please check chain compatibility in page 38

SPECIFICATIONS

REF. 301

Material

Aluminium
Steel

Teeth*

32T to 52T and 56T

Weight (g)**

47

Finishes

Anodized

Chainflow BCD104



* other sizes available by request

** with 40T Chainring

In order to choose tooth type please check chain compatibility in page 38

SPECIFICATIONS

REF. 302

Material

Aluminium
Steel

Teeth*

32T to 44T and
48T to 52T

Weight (g)**

66

Finishes

Standard

Standard Chainring



SPECIFICATIONS

REF. 303

Material

Aluminium
Steel

Teeth*

32T to 52T and
56T

Weight (g)

40 to 277

Finishes

Standard

* other sizes available by request

In order to choose tooth type please check chain compatibility in page 38

CF3D
REF. 400

Material
Aluminium

BCD
104

Finishes
Standard

TS GRAPHIC
REF. 402

Material
Aluminium

BCD
104

Finishes
Standard

NW GRAPHIC
REF.406

Material
Aluminium

BCD
104

Finishes
Standard

CHAINGUARDS



At Miranda, we believe in the power of individuality and we understand that every bike manufacturer has unique needs and specifications. This is why we take pride in offering custom chainguards designs, enabling you to tailor our products to your exact requirements. Our custom-designed chainguards allow you to add a personal touch to each bike you create, ensuring a unique finish that sets your brand apart.

Crafted with high-quality materials, our chainguards promise durability and longevity, standing up to even the most rigorous riding conditions. Our commitment to precision and quality is unwavering, ensuring that every Miranda chainguard you choose is a testament to our dedication to excellence.

Whether you're catering to the needs of the urban commuter or the off-road explorer, there's a Miranda chainguard tailored to fit. Custom designs can also be developed by request, to give that distinct and unique look to the bicycle.

CF3D BCD110
REF. 401



Material
Aluminium

BCD
110

Finishes
Standard

TJ
REF. 403



Material
Aluminium or
Reinforced Nylon

BCD
104

Finishes
Standard

ST CNC
REF. 404



Material
Aluminium

BCD
104

Finishes
Standard

TB GRAPHIC
REF. 405



Material
Aluminium

BCD
104

Finishes
Standard

WR GRAPHIC
REF. 407



Material
Aluminium

BCD
104

Finishes
Standard

SL
REF. 408



Material
Aluminium or
Reinforced Nylon

BCD
104

Finishes
Standard

DOUBLE
REF. 409



Material
Aluminium

BCD
104

Finishes
Standard



SCREWS

M14 Self extracting bolts

REF. 808



Material
Steel

Coating
Zinc-nickel



Chainring screw and nuts

REF. 810

M8x0,75
for chainring set
or chainring+chainguard set

Material
Stainless Steel



M15

REF. 804



Material
Steel

Coating
Zinc-nickel

*steel spindle

M12

REF. 802



Material
Steel

Coating
Zinc-nickel

*aluminium spindle

M8

REF. 800



Material
Steel

Coating
Zinc-nickel

M15 Self extracting bolts

REF. 809



Material
Steel

Coating
Zinc-nickel

*steel spindle

M12 Self extracting bolts

REF. 807



Material
Steel

Coating
Zinc-nickel

*aluminium spindle

M8 Self extractinga bolts

REF. 805



Material
Steel

Coating
Zinc-nickel

FINISHES

STANDARD (PAINTING)*



PEARL



PLUS



*COLORS AVAILABLE

Other colors or personalized finishes by request

Black Smooth surface	Anodized Smooth surface	Ocean blue Smooth surface	Red Smooth surface
Black textured Textured surface	Chrome painting Smooth surface	Sky blue Smooth surface	Coral red Smooth surface
Black granited Rough surface	Gray Smooth surface	Green Smooth surface	Metallic orange Smooth surface
White Textured surface	Champagne Rough surface	Pure green Smooth surface	Magenta Smooth surface

DIAMANT



BELT LINE GUIDE

CODE	MANUFACTURER	DESCRIPTION	MODEL NUMBER	BELT LINE
EN-455	Enviolo	TR, SP, CA	132/142	45,5 mm
EN-487		SP	148 Boost	48,5 mm
SH-417	Shimano	Inter-5E	Di2	41,7 mm
SH-455			Mechanical	45,5 mm
SH-417	Shimano	Nexus 8	Di2	41,7 mm
SH-455			Mechanical	45,5 mm
RO-547	Rohloff	500/14	132/142	54,7 mm

INLINE



POLISHED



DOUBLE DIAMANT



GRAPHIC



HD



INLINE PLUS



CHAIN COMPATIBILITY

Tooth type					
Toth name	STANDARD CHAINRINGS	CHAIN FLOW	CHAIN FLOW 3D	CHAIN FLOW 3D SE12	CHAIN FLOW 3D CE13
Recommended chain	All 7, 8, 9, and 10 speed chains	All 9, 10 and 11 speed chains	9, 10, 11 speed chains and Sram Eagle non T-type	Designed for Sram Eagle and Road 12 speed T-type, 12 speed Shimano Hyperglide+, KMC DLC and X12	Designed for 13 speed EKAR C13 Campagnolo
Not recommended	11, 12 and 13 speed chains	12 and 13 speed chains	Sram Eagle and Road 12 speed T-type, 12 speed Shimano Hyperglide+, KMC DLC and X12 and 13 speed chains	13 speed chains	-----

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