# FFWD RAW33 SPECSHEET

## CERAMICSPEED BEARINGS

| | |
|---|---|
| Disc Brake Compatible | **Yes** |
| Rim Brake Compatible | **No** |
| Innertube Compatible | **Yes** |
| Tubeless Compatible | **Yes** |
| Tubular Compatible | **No** |
| Hub Type | **FFWD CS² *** |
| Campa Option | **Yes** |
| Shimano Option | **Yes** |
| XDR Option | **Yes** |
| Microspline Option | **Yes** |
| Campa N3W Option | **Yes** |
| Axle Dimensions | **Front 12x100 / Rear 12x142** |
| Disc Rotor Interface | **Centerlock** |
| Bearing Type | **Cartridge; CeramicSpeed** |
| Bearing Usage | **Front 2x 6903-2RS** |
| | **Rear 2x 15267-2RS** |
| | **Freehub 2x 6802-2RS** |

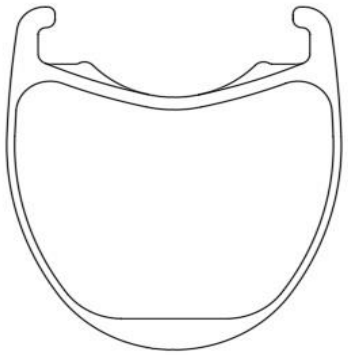
## CARBON SPOKES

| | |
|---|---|
| Rimtype | **Full Carbon Clincher** |
| ETRTO | **21 - 622** |
| Rim Depth | **33mm** |
| Rim Internal Width | **21mm** |
| Rim External Width | **30mm** |
| Min. Valve Lenght | **50mm** |
| Min. Tyre Size | **23mm** |
| Max. Tyre Size | **42mm** |
| Max. Tyre Pressure ** | **8,3Bar / 120PSI** |
| Max. Rider Weight | **120kg / 265lbs** |
| Weight *** | **Front 610 gram** |
| | **Rear 740 gram** |
| | **Set 1350 gram** |
| Aeroshape | **Yes, LAW TECH** |
| Rimtape | **Tubeless tape; 27mm** |

## LAW TECH AERO PROFILE

| | | |
|---|---|---|
| Spoke type | **Front NDS** | **Carbon bladed** |
| | **Front DS** | **Carbon bladed** |
| | **Rear NDS** | **Carbon bladed** |
| | **Rear DS** | **Carbon bladed** |
| Spoke style | **Straightpull** | |
| Nipple type | **HEX 5.5mm** | |
| Spoke Count | **Front 21 / Rear 21** | |
| Spoke lenght (front) | **NDS** | **289mm (14x)** |
| | **DS** | **274mm (7x)** |
| Spoke lenght (rear) | **NDS** | **272mm (7x)** |
| | **DS** | **288mm (14x)** |
| Spoke Patern | **Front NDS** | **3 Cross** |
| | **Front DS** | **Radial** |
| | **Rear NDS** | **Radial** |
| | **Rear DS** | **3 Cross** |
| Spoke Tension | **Front** | **1100N** |
| | **Rear** | **1200N** |
| Color Options | **Matt / Glossy** | |

## TUBELESS READY



**CROSS SECTION FFWD RAW33**

**What's in the box:**

- → **Wheelset**
- → **Pre-installed tubeless tape**
- → **Pair of alloy tubeless valves**
- → **Tubeless installation instructions**
- → **High quality padded wheelbag**

* FFWD CS² stands for Carbon Spokes Ceramic Speed

** Max. tires pressure is based on structural integrity of the rim. Always keep in mind the max. pressure of the tire.

*** Weights may differ +/- 5% (due to handbuilding process of rims)

**November 2023**