


# Road bike measurement (STT)

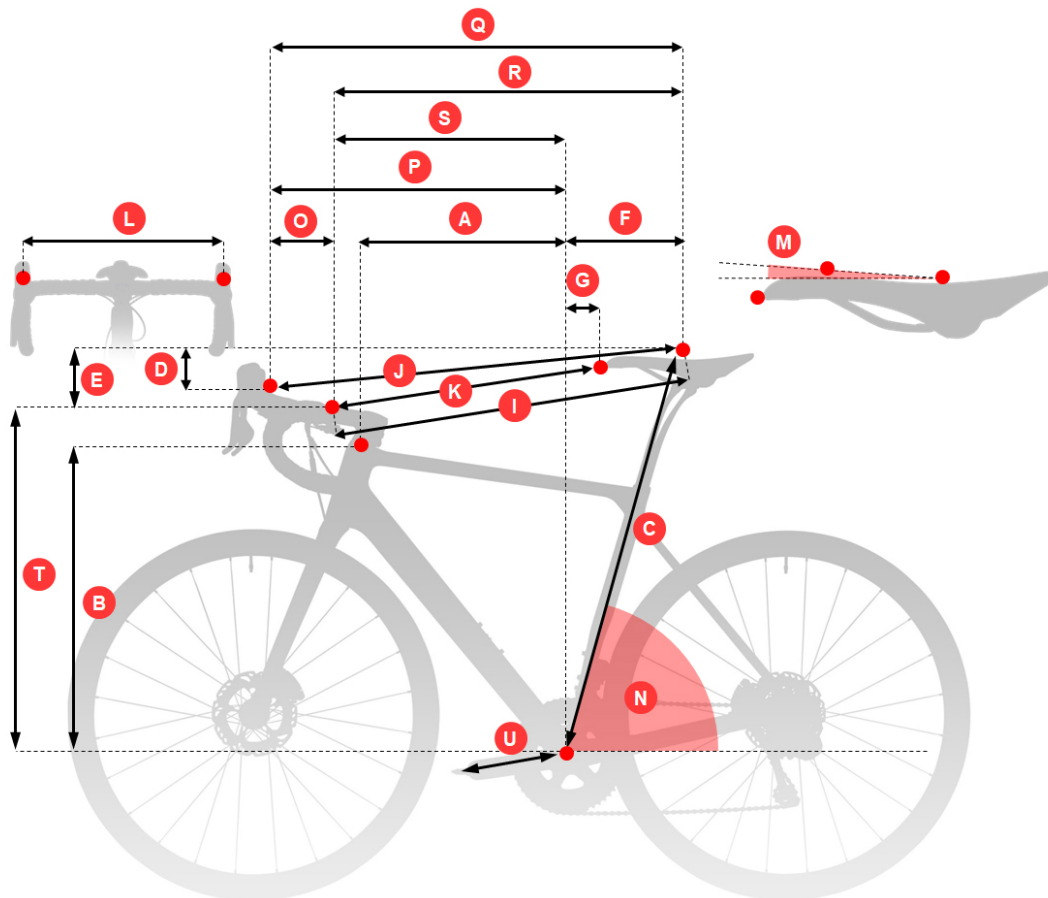
Sports 3DMA OT Version 6.11 | Powered by STT SYSTEMS

<b>FULL NAME</b> <b>Bike Measurement, Samples</b>	<b>REPORT DATE</b> <b>27/9/2018</b>	<b>STUDY PERFORMED BY:</b> 
<b>BIKE</b>	<b>DISCIPLINE</b> <b>Road bike</b>	

## 3D Motion Capture: Technical details

<b>RECORDING DATE</b> 2018-07-19	<b>DATA SAMPLING RATE</b> 100 Hz (frames/sec.)	<b>RECORDING TIME</b> 2.89 sec.	<b>ANALYSIS PROTOCOL</b> Road bike measurement (STT)
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## Measurements



### BIKE FRAME & CRANKSET

<b>N</b> Effective seat tube angle	<b>73 deg.</b>
<b>A</b> Frame Reach	<b>410 mm</b>
<b>B</b> Frame Stack	<b>567 mm</b>
<b>U</b> Crank Length	<b>170.0 mm</b>

### SADDLE

<b>C</b> Saddle Height	<b>665 mm</b>
<b>G</b> Saddle Set Back	<b>42 mm</b>
<b>F</b> Saddle BRP Set Back	<b>190 mm</b>
<b>M</b> Saddle Angle (positive = tilted upwards)	<b>-3 deg.</b>
<b>H</b> Max. pedal to saddle BRP distance (C+crank)	<b>835 mm</b>
<b>I</b> Saddle BRP to stem direct distance	<b>673 mm</b>

### HANDLEBAR

<b>R</b> Handlebar Reach (from saddle)	<b>673 mm</b>
<b>E</b> Handlebar Drop	<b>-26 mm</b>
<b>K</b> Handlebar Reach (direct from saddle tip)	<b>519 mm</b>
<b>S</b> Handlebar Reach (from BB)	<b>482 mm</b>
<b>T</b> Handlebar Stack (from BB)	<b>666 mm</b>

### GRIP

<b>L</b> Grip / Handlebar Width	<b>428 mm</b>
<b>P</b> Grip Reach (from BB)	<b>579 mm</b>
<b>Q</b> Grip Reach (from saddle)	<b>769 mm</b>
<b>J</b> Grip Reach (direct from saddle center)	<b>799 mm</b>
<b>D</b> Grip Drop	<b>-26 mm</b>
<b>O</b> Grip Reach (from handlebar)	<b>97 mm</b>