


TT-Tri bike measurement (STT)

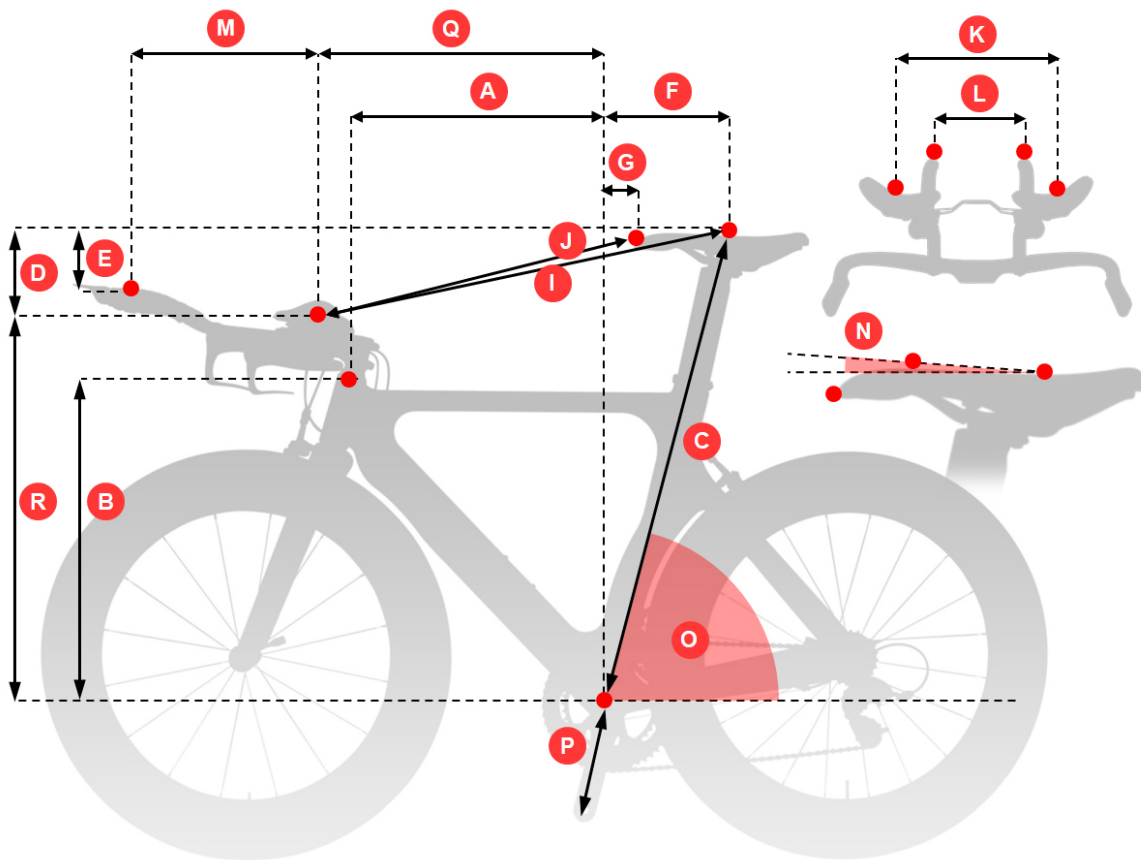
Sports 3DMA OT Version 6.11 | Powered by STT SYSTEMS

FULL NAME Bike Measurement, Samples	REPORT DATE 27/9/2018	STUDY PERFORMED BY: 
BIKE	DISCIPLINE TT/Tri bike	

3D Motion Capture: Technical details

RECORDING DATE 2017-11-28	DATA SAMPLING RATE 100 Hz (frames/sec.)	RECORDING TIME 8.99 sec.	ANALYSIS PROTOCOL TT-Tri bike measurement (STT)
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Bike diagram



Measurements

BIKE FRAME & CRANKSET

A Reach	353 mm
B Stack	661 mm
P Crank Length	175.0 mm
O Effective pedal angle	73 deg.

HANDLEBAR / ELBOW REST

K Elbow rest width	216 mm
L Handlebar Width	77 mm
M Extension length	329 mm
Q Pad Reach	408 mm
R Pad Stack	735 mm

SADDLE

C Bottom bracket - Saddle (BRP)	697 mm
D Height of saddle (BRP) over elbow rest	-64 mm
E Height of saddle (BRP) over bars	-144 mm
F Saddle (BRP) to bottom bracket setback	204 mm
G Saddle to bottom bracket setback	58 mm
H Maximum pedal to saddle (BRP) distance (C+P)	872 mm
I Saddle (BRP) to elbow rest direct distance	616 mm
J Saddle tip to elbow rest direct distance	471 mm
N Saddle tilt (positive = tilted upwards)	4 deg.