

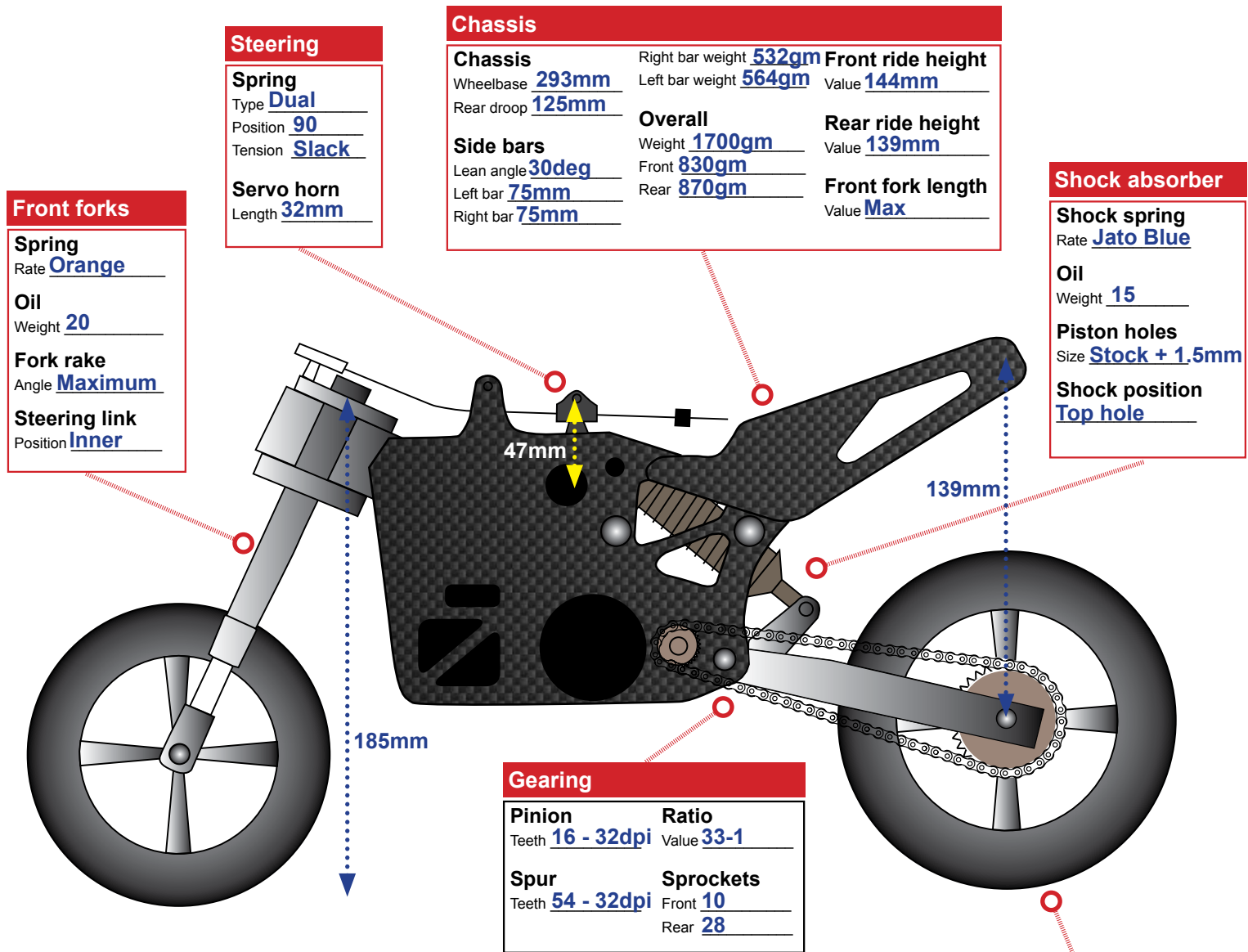
# kp-designs

## Setup Sheet

Name Colin McCabe Date 19/4/09 Time           

Track Skipton - anti-clockwise Conditions Dry, warm 15degC

Run time 9 mins Best lap time 17.01 sec Average lap time 19.8 sec Track rating Grippy



**Steering**

**Spring**  
Type Dual  
Position 90  
Tension Slack

**Servo horn**  
Length 32mm

**Front forks**

**Spring**  
Rate Orange

**Oil**  
Weight 20

**Fork rake**  
Angle Maximum

**Steering link**  
Position Inner

**Chassis**

**Chassis**  
Wheelbase 293mm  
Rear droop 125mm

Right bar weight 532gm  
Left bar weight 564gm  
Front ride height Value 144mm

**Overall**  
Weight 1700gm  
Front 830gm  
Rear 870gm

Rear ride height Value 139mm

**Side bars**  
Lean angle 30deg  
Left bar 75mm  
Right bar 75mm

Front fork length Value Max

**Shock absorber**

**Shock spring**  
Rate Jato Blue

**Oil**  
Weight 15

**Piston holes**  
Size Stock + 1.5mm

**Shock position**  
Top hole

**Gearing**

**Pinion**  
Teeth 16 - 32dpi

**Ratio**  
Value 33-1

**Spur**  
Teeth 54 - 32dpi

**Sprockets**  
Front 10  
Rear 28

**Electronics and radio settings**

**Motor**  
Make MTronik  
Rate 4400kV slim can

**Cells**  
Type Kokam 3200 30C

**Dual rate**  
Value 90%

**Brake endpoint**  
Value 80%

**Steering exponential**  
Value Linear

**Steering endpoint**  
Value 90/95% L/R

**Throttle exponential**  
Value Linear

**ESC settings**

MTroniks Ride G2  
Torque 25  
Acceleration 25  
No drag brake  
75% brake  
2.8V per cell cutoff  
75% Start Power

**Tyres, inserts and wheels**

**Tyres** PMTs  
Front 200 slick Rear 200 cutslick

**Inserts**  
Front NF Rear GRP orange

**Wheel type**  
Front Snooey's Rear TT10ER