

NAME *Mitchell van Es*  
 COUNTRY *the Netherlands*  
 RACE *Dutch Nationals Rnd. 3*  
 TRACK *M.A.C. de Baanbrekers*

DATE *18 June 2017* TEMP. °C AIR/TRACK *29°C / ~50°C*  
 ASPHALT  (OUTDOOR  INDOOR  CARPET   
 TRACK CONDITION TECHNICAL  MIXED  FAST   
 TRACTION LOW  MEDIUM  HIGH

### FRONT

CASTER FLEX F  R   
 SHIM 0, MM  
 1.75 MM  
 AT13W   
 3.5 MM  
 3.5 MM  
 0 MM  
 AT21S   
 0 MM  
 80.7 gF/mm 3.0 MM  
 OIL 400  
 0.0 MM  
**SHOCKS SET**  
 ROTOR STD    
 SPRING STD  S   
 DAMPER D2.2    
 ACTION SYM.  ASYM.   
 SRS/RHS ARR. I  II   
 FRONT DRIVE GD3  SPOOL  GB2B  LOW  HIGH   
 DIFF. OIL DIFF WASHERS  
 DOGBONE DRIVE ST17  ST11  ST12  BB  ST02   
 WHEELHUB AM06WL  AM06S-M  AM06W

CAMBER ANGLE / ° *-1°*  
 CASTER ANGLE / ° *4°*  
 TOE ANGLE / ° *0°*  
 RIDE HEIGHT / MM *5.4 mm*  
 DOWNSTOP / MM *6.0 mm*  
 UPWNSTOP / MM  
 STABILIZER Ø / MM *1.1 mm*  
 LOW ARM C04M1    
 STEER. ARM AM14A    
 WHEEL SPACER / MM  
 FRONT DRIVE GD3  SPOOL  GB2B  LOW  HIGH   
 DIFF. OIL DIFF WASHERS  
 DOGBONE DRIVE ST17  ST11  ST12  BB  ST02   
 WHEELHUB AM06WL  AM06S-M  AM06W

### REAR

CASTER FLEX F  R   
 SHIM 0, MM  
 1.75 MM  
 AT13W   
 2.75 MM  
 2.75 MM  
 3.75 MM  
 1 MM  
 AT21S   
 0.5 MM  
 0.5 MM  
 120.9 gF/mm 1.8 MM  
 OIL 400  
 3.0 MM  
**SHOCKS SET**  
 ROTOR STD    
 SPRING STD  S   
 DAMPER D2.2    
 ACTION SYM.  ASYM.   
 SRS/RHS ARR. I  II   
 REAR DRIVE GD3R  GB2B  LOW  HIGH   
 DIFF. OIL *7000* DIFF WASHERS *Std*  
 DOGBONE DRIVE ST11  ST12  BB  ST17  EVD   
 WHEELHUB AM06WL  AM06S-M  AM06W

CAMBER ANGLE / ° *-1°*  
 CASTER ANGLE / ° *4° Short*  
 TOE ANGLE / ° *2°*  
 RIDE HEIGHT / MM *5.6 mm*  
 DOWNSTOP / MM *4.6 mm*  
 UPWNSTOP / MM  
 STABILIZER Ø / MM *1.0 mm*  
 LOW ARM C04M1    
 STEER. ARM AM23    
 WHEEL SPACER / MM  
 REAR DRIVE GD3R  GB2B  LOW  HIGH   
 DIFF. OIL *7000* DIFF WASHERS *Std*  
 DOGBONE DRIVE ST11  ST12  BB  ST17  EVD   
 WHEELHUB AM06WL  AM06S-M  AM06W

### FRAME FLEX SETTING

FRONT BATTERY CONNECTORS 15 g  
 REAR BATTERY CONNECTORS 35 g  
 CHASSIS STIFFENER and MOTOR MOUNT SCREWS  
 ADDITIONAL WEIGHTS 15 g

LOWER DECK  
 CHASSIS STIFFENER AM110  AM115  ST130  ST165   
 C26  ST55  C26   
 TOP DECK CUTS  
 ST09 TOP DECK C27X  VTD  ST09   
 AM98 STD  AT63  AT63  C38  AM98 STD  CUT

TIRES FRONT REAR  
 BRAND *Volante 36R*  
 INSERTS  
 WHEELS  
 ADDITIVE *Hudy*

MOTOR LATERAL SHIFT / MM  
 MOTOR *LRP X20 4.5t* SERVO *Power HD*  
 SPUR PINION 1 RATIO 0.00 STEER TRAVEL IN OUT  
 BODY *LTC* BATTERY *LRP 6400 HV*  
 WING *MR33* RECEIVER *Futaba*  
 ESC *LRP Flow* RADIO *Futaba*  
 ESC SETTING  
 BEST LAP TIME *14.175* QUALIF./FINAL POSITION *1 / 1*  
 CONTACT

COMMENTS  
*As the track temperatures were extremely high, I was unable to keep the tires within a the desired temperature window, but surprisingly I wasn't too far off. I did seem to struggle much less with the temperatures and tire wear compared to others. This was essential given that we only had one set of tires for the entire day. This setup makes for a evenly rotating and easy to drive car. The car does, however, not like to be over driven. It needs to be driven smoothly otherwise it will result in slower laptimes and high tire temperatures and wear. At this fast flowing track I also ran FF AT21 +0.5. Furthermore, I ran additional top deck stiffeners (C26) to make the car more responsive.*