

# OnPoint Racing OP12C

Driver: Robert Krens  
Location: Sportvenue Heemstede  
Event: 2012 IFMAR 12th scale World Championships.  
Date: 22-08-2012 / 24-08-2012 FL12.914 36L in 8:00

## Track Conditions

Composition:  Asphalt  Carpet Other: \_\_\_\_\_ Surface: Smooth     Bumpy \_\_\_\_\_  
Traction: Low      High Layout:  Open  Both  Tight  Indoor  Outdoor

## Front End

Associated Serpent  
Arms mount 0° 5°  10° 0° 3° 6° 10°  
Susp. arm insert Narrow / Mid / Wide  
Caster spacer 1.80° 3.25° 6.15° Front / Med / Back  
Roll centre: None  Inside  Outside  
Shims on top king pin: 4 / 2 shims on steering block  
Front spring: 0.20  
Front caster: 5 deg  
Front camber: °1  
Toe angle: °0,5  
Bump steer shim: 2 mm  
Droop: 0.8  
King pin lube: 12500  
Front car width: 169cm (1 shim spaced on lower arm)  
Ride height: 3.2mm

### Notes:

*Check Caster with caster gauge!  
3 shims between steeringblock and bearings  
0.22's make the car react really quick, but easy in the corner*

## Front tires

Brand & compound: Mobgum Magenta  
Diameter: 40mm  
Tire treatment: Jack the Gripper - Carpet Jack - TC4  
Time & surface: 7 min - 50%

## Rear End

Shock brand: HotBodies Piston: 3 holes  
Shock oil: 30WT  
Centre spring: Blue Preload: 4,9mm  
Shock position – Front:  Low  High Topdeck 2mm shim  
Shock position – Rear: 2 mm shim  
Damper tube lube: 25000  
Side spring: Green Preload: 1mm  
Rear car width: 172mm  
Ride height: 3.5mm  
Roll centre: None  
Pod droop: 1.0mm  
Battery position:  Left  Right Between screw holes  
Plug position:  Front  Back Between screw holes

### Notes:

*Diff needs to be really good.  
Open track, so stiffer lube  
Zilver springs make the car easy, but it wil spin out harder.*

## Rear tires

Brand & compound: Mobgum Pink  
Diameter: 42  
Tire treatment: Jack the Gripper - Carpet Jack - TC4  
Time & surface: 30 min - 100%. Put in vacuum

## Body & Electronics

Body: Black Art BA 005 (AMR is more aggressive on low speed)  
Body position: 1mm front  
Wing / Spoiler:  Yes  No  
Receiver: Sanwa 451R  
Servo: Sanwa 94819

Batteries: Team Orion 90C  
Motor: Team Orion 4.0T Rotor: 12,5mm  
Pinion: 26 Spur: 90 Rollout: 38.118  
ESC: Team Orion Vortex R10  
ESC Settings: Boost 7

## Comments

Arn0 at Petitr.com

*AMR geeft heel weinig "on power" steering, maar "off power" heel veel steering. BA005 is veel meer linear. Meer stuur onpower, minder offpower. En daar mee rustiger. Verhard naar 0.22 springs en zilver, maar dit maakte de auto heel moeilijk te plaatsen en heel agressief. Magenta banden geven veel bochtensnelheid, maar gaven te weinig grip.*