

RACE	MRCZ International Open		
TRACK	MRCZ Indoor		
NAME	Patrick Jongenelis	DATE	23/24-11-2024

TRACK TEMP.	QUAL POS.	FINAL POS.	BEST LAPTIME	LAPS	TIME
20	1	1	12,060 /sec	25 /	5:10,8

TRACK			
TRACK SURFACE	<input checked="" type="checkbox"/>	CARPET	<input type="checkbox"/> ASPHALT
TRACK LAYOUT	<input checked="" type="checkbox"/> TECHNICAL	<input type="checkbox"/> MIXED	<input type="checkbox"/> FAST
TRACTION	<input type="checkbox"/> LOW	<input type="checkbox"/> MEDIUM	<input checked="" type="checkbox"/> HIGH

FRONT TRANSMISSION REAR

GEAR DIFFERENTIAL - OIL	200K /cSt
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PINION / T	SPUR GEAR / T	FINAL DRIVE RATIO
38	100	5.0

FRONT	SHOCKS	REAR
2.5/2.8	XRAY SPRINGS	2.6
350	OIL /Cst	350
0%	REBOUND %	0%

Technical drawing of a shock absorber assembly. The central component is a shock absorber with a threaded top and a mounting eye at the bottom. It is flanked by two rectangular mounting brackets. Dimensions and options are indicated by lines and boxes:

- Top Dimensions:**
 - Left side: 4 HOLES (with a crossed-out square icon), 1.1mm (with a crossed-out square icon), 1.2mm (with an open square icon).
 - Right side: 1.1mm (with an open square icon), 1.2mm (with a crossed-out square icon), 4 HOLES (with a crossed-out square icon).
- Options:**
 - Left side: PSS (with a trapezoidal icon) and an open square icon.
 - Right side: PSS (with a trapezoidal icon) and an open square icon.
- Shock Length:**
 - Left side: SHOCK LENGTH 8,5 /mm (in a red box).
 - Right side: SHOCK LENGTH 8,5 /mm (in a red box).

1,3	THICKNESS/mm		THICKNESS/mm	1,8
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Ride		TIRES ADDITIVE ADDITIVE TIMING WIPE OFF TIME TIRE WARMERS	Ride	
CS High Grip			CS High Grip	
10 min			10 min	
no			no	
Timing: XX	Temp.: XX		Timing: XX	Temp.: XX

FRONT LEFT FRONT RIGHT TREATED AREA REAR LEFT REAR RIGHT

TOTAL WEIGHT	1250 <small>lb</small>	WEIGHT BALANCE	FRONT 62 <small>%</small>	REAR 38 <small>%</small>
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MOTOR	HW 21,5T	TIMING		RPM LIMIT	xx
ESC	HW PRO G2	BATTERIES	LRP 3700		
BODY	YRS	WING	STD		

58 /mm

Dimension from body post to window bottom line

BODY POSITION

38 /mm

Dimension from body post to upper holder

WING SIDE PLATE YES ☐ NO ☒

Dimension from edge to surface

XX /mm

All HUDY oils

Next time try a bit harder springs.

FRONT & REAR SUSPENSION

FRONT CASTER
☐ 5° ☒ 4° ☐ 3°
 Adjust with eccentric bushings

BUMP STEER
 1,5 /mm

HEIGHT
 18 /mm

SHIM
 6 /mm

REAR CASTER
☐ 0,5° ☐ 1,5° ☐ 2,5° ☐ 3,5° ☒ 4,5° ☐ 5,5°
 Adjust with eccentric bushings

TOE GAIN
 4 /mm

FRONT LOWER CONTROL ARM
☐ 2 /mm FF ☒ 5,0 /mm FR ☐ 2 /mm
☐ SERVO SAVER ☒ SERVO HORN

REAR LOWER CONTROL ARM
☐ 2 /mm RF ☒ 5,4 /mm RR ☐ 2 /mm
☐ SERVO SAVER ☒ SERVO HORN

The diagram shows a side view of a chassis with various adjustment points and gauges. The following table summarizes the adjustment points and their current settings:

Adjustment Point	Current Setting	Options
2 /degr. CAMBER	2	Left = Right
BODY STOP	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	/mm
SHOCK HOLDERS	SHIM 2 /mm	
SUSPENSION FLEX	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
FRONT HUB	MEDIUM <input type="checkbox"/> HARD <input type="checkbox"/> GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/>	
SHIM	0,5 /mm	
DRIVE SHAFT	58mm <input checked="" type="checkbox"/> 59mm <input type="checkbox"/> BEARING <input checked="" type="checkbox"/> BLADE <input type="checkbox"/>	
DOWNSTOP	5,2 /mm	

Diagram illustrating the chassis setup with various adjustment points and their values:

- 2** /degr. **CAMBER** (Left = Right)
- REAR SUSPENSION**
 - SHOCK HOLDERS**
 - FIXED ☐ **X** ACTIVE
 - SHIM **2** /mm
 - SUSPENSION FLEX**
 - YES **X** ☐ NO
 - YES ☐ ☐ NO
- RF/mm** **2**
- RR/mm** **2**
- SHIMS** **3** /mm
- REAR HUB**
 - MEDIUM ☐
 - HARD ☐
 - GRAPHITE **X** ☐
 - ALU ☐
- SHIM** **1,5** /mm
- HUBDY** scale from -3 to 10, with **4.2** /mm indicated.
- #107702 Chassis Droop Gauge Blocks**
- #107712 Chassis Droop Gauge**
- 4.2** /mm **DOWNSTOP**

1 TOE OUT
Left = Right

1 TOE IN
Left = Right

DIFF POSITION
UP ☒ +1mm ☐
DOWN ☐ STD. ☒

SHIMS
/mm

Battery weight plate.

ARS LINKS
SHIMS **kit** /mm

UPPER ARM
COMPOSITE ☐
EXTRA SOFT ☐
SOFT ☒
MEDIUM ☐

HUB OFFSET
STD. ☒ -0.5mm ☐ +0.5mm SHIM /mm

FRONT BOTTOM VIEW REAR

WEIGHT LEFT & RIGHT
#309826
YES ☒ NO ☐

50g + 50g

BUMPER WEIGHT
YES ☐ NO ☒

100g

FRONT ARMS
MEDIUM ☒
HARD ☐

STEER. LOCK
23 /deg.

MOTOR MOUNT

T-BRACE
ALU ☐
BRASS ☐

CHASSIS T-BRACE

CHASSIS
GRAPHITE ☐
ALU ☐

REAR ARMS
MEDIUM ☒
HARD ☐