

RACE	3. Open Challenge Praha				
TRACK	Black carpet				
NAME	Jiri Vysin			DATE	11/12/2021

TRACK TEMPERATURE	QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
	2	3	11.5 /sec	/	

**TRACK**

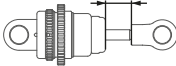
TRACK SURFACE	<input checked="" type="checkbox"/> CARPET	<input type="checkbox"/> ASPHALT
TRACK LAYOUT	<input checked="" type="checkbox"/> TECHNICAL	<input type="checkbox"/> MIXED <input type="checkbox"/> FAST
TRACTION	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> MEDIUM <input type="checkbox"/>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

**TRANSMISSION**

FRONT		REAR
SOLID AXLE	<input checked="" type="checkbox"/> YES	
GEAR DIFFERENTIAL - OIL	/cSt	GEAR DIFFERENTIAL - OIL 8000 /cSt
PINION 28 /T	SPUR GEAR 110 /T	FINAL DRIVE RATIO

**SHOCKS**





FRONT		REAR
2.5-2.8	XRAY SPRINGS	2.6
350	OIL /Cst	350
	REBOUND %	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOAM INSERTS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>PISTONS</b>		
<input type="checkbox"/> 3 HOLES	<input type="checkbox"/> 1.0mm	<input type="checkbox"/> 3 HOLES
<input checked="" type="checkbox"/> 4 HOLES	<input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 4 HOLES
<input type="checkbox"/> PSS	<input type="checkbox"/> 1.2mm	<input type="checkbox"/> PSS

SHOCK LENGTH FRONT		SHOCK LENGTH REAR
8.5 /mm		8.5 /mm

**ANTI-ROLL BAR**

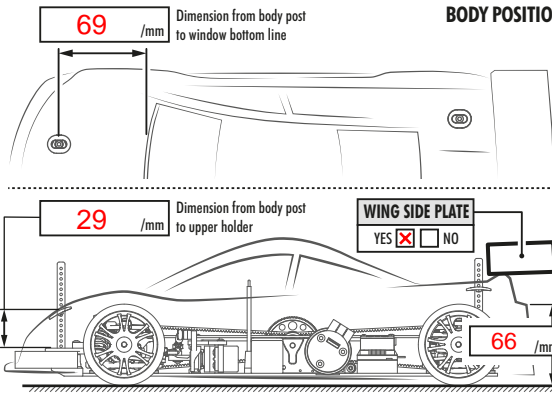
1.3 THICKNESS/mm		THICKNESS/mm 1.2
------------------	--	------------------

Hudy C3	<b>TIRES</b>	Hudy C3
Hudy Red	ADDITIVE	Hudy Red
12	ADDITIVE TIMING	12

FRONT LEFT	FRONT RIGHT	<b>TREATED AREA</b>	REAR LEFT	REAR RIGHT
				

TOTAL WEIGHT	1320 /g	WEIGHT BALANCE	FRONT 49 %	REAR 51 %
MOTOR	HW 5T	TIMING		
ESC	HW	BATTERIES	EZ 4000	
BODY	Twister 0.5	WING	Twister 0.5	

**BODY POSITION**



**COMMENTS**

Short lipo balancing weight  
 Battery weigth 35g  
 front upper arms angled by shims: F - 0.5 mm , R - 1 mm

### FRONT & REAR SUSPENSION

#### FRONT CASTER

Adjust with eccentric bushings

5° 4° 3°

☐ 5° ☒ 4° ☐ 3°

**BUMP STEER** 4 /mm

**HEIGHT** /mm

**SHIM** 7 /mm

**FR** 2 /mm

**FF** 2 /mm

**RIDE HEIGHT** 5 /mm

☐ SERVO SAVER

☐ SERVO HORN

#### REAR CASTER

Adjust with eccentric bushings

0.5° 1.5° 2.5° 3.5° 4.5° 5.5°

☐ 0.5° ☒ 1.5° ☐ 2.5° ☐ 3.5° ☐ 4.5° ☐ 5.5°

**TOE GAIN** 5 /mm

**RR** 2.5 /mm

**RF** 2.5 /mm

**RIDE HEIGHT** 5.2 /mm

### FRONT SUSPENSION

**2** /deg. **CAMBER** Left = Right

**BODY STOP** YES ☐ NO ☒ /mm

**FRONT BRACE** YES ☐ NO ☒

**BULKHEAD SHIMS** YES ☒ 3mm ☐ NO

**DRIVE SHAFT** ☒ 58mm ☐ 59mm ☐ STD. BEARING ☒

**FRONT HUB** COMPOSITE ☒ ALU ☐

**SHIM** 2 /mm

**FRONT SHOCK POSITION** 1 2 3 4

**SHIM** 0.5 /mm

**HUDY** 0 1 2 3 4 5 6 7 8 9 10

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge **6.6** /mm **DOWNSTOP**

### REAR SUSPENSION

**2** /deg. **CAMBER** Left = Right

**BODY POST** VERTICAL ☐ HORIZONT. ☒

**DRIVE SHAFT** ☐ 52mm ☒ 54mm ☒ STD. BEARING ☐

**REAR HUB** COMPOSITE ☒ ALU ☐

**SHIM** 1.5 /mm

**REAR SHOCK POSITION** 1 2 3 4

**SHIM** 2 /mm

**HUDY** 0 1 2 3 4 5 6 7 8 9 10

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge **4** /mm **DOWNSTOP**

### FRONT TOP VIEW

**1** **TOE OUT** Left = Right

**ACKERMANN** SHIM 1 /mm

**DIFF POSITION** UP ☐ DOWN ☒

**UPPER ARM** STANDARD ☒

**OFFSET** STANDARD ☐ -0.5mm ☒ SHIM/mm

**STEERING BRIDGE** YES ☐ NO ☒

**TOP DECK FLEX** NONE ☒ BEARING ☐

**TOP DECK** 1.6mm ☒ 2.0mm ☐

**TOP DECK CUTTING**

**BRASS WEIGHT FOR MOTOR MOUNT** 35g 5g

**TOP DECK** 2.5 **TOE IN** Left = Right

**DIFF POSITION** UP ☐ DOWN ☒

**UPPER ARM** STANDARD ☒

**OFFSET** STANDARD ☐ -0.5mm ☒ SHIM/mm

### FRONT BOTTOM VIEW

**STEER. LOCK** 26 /deg.

**STEER. SHIM** SIZE 8.5 /mm

**FRONT BRACE** YES ☐ NO ☒

**SERVO HOLDER** FR RE

**FRONT ARMS** MEDIUM ☐ HARD ☒

**STEER. PLATE** STANDARD ☒ +1mm ☐

### REAR

**T-BRACE** ALU ☐ BRASS ☐

**MOTOR MOUNT**

**CHASSIS** GRAPHITE ☐ ALU ☐ ALU FLEX ☒

**REAR ARMS** MEDIUM ☐ HARD ☒