HoBao Hyper VS

Setup: Hobao Hyper 7.5 · Ben Hawke · Jun 13, 2023

so dialed
Open/save in RC Setup App →

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EVENT

Event	Practise

TRACK

Track	EMCC
Type	Outdoor blue groove
Grip / moisture	Low/Medium / Dry
Surface / layout	Bumpy/Rutted / Tight
Air temp	20°C (68°F)
Track temp	25°C (77°F)

FRONT SUSPENSION

Ackermann: steering rod pivot holes	Outside
Anti-roll bar	2.3mm
Bumpsteer: outer steering stud spacers	0 mm
Camber	0 degrees
Droop	25 mm
Hubs	Kit
Lower arm stiffeners	None
Ride height	23 mm
Roll center: upper arm stud location	N/A

SHOCKS

Arm mounting hole	B - Outside
Tower mounting hole	3 - Bottom outside
Toe	+1 degrees
Tower	Aluminum -4mm
Track: wheel hexes	Kit

ENGINE

Engine brand	Hobao
Engine model	H21 pre 2011/ Insert
Fuel	20
Glow plug	OS P3 Gold
Head clearance	1 each brass aluminium shims
Pipe / header	Effra 2059 Stock Hyper 7.5

NOTES 30% Hobao recomended nitro

REAR SUSPENSION

Anti-roll bar	2.8mm
Anti-squat: RF mount inserts	Up
Arm stiffeners	None
Camber	-2 degrees
Droop	25 mm
Hub pin location	Top
Hubs	Kit
Ride height	20 mm

ROLL CENTER

Inner camber stud location	2 - Top
Outer camber stud location	C - Top inside

SHOCKS

Arm mounting hole	B - Outside
Tower mounting hole	3 - Top inside

TOE

RR mount	3 + 3 degrees
RR mount inserts	Outside
Tower	Kit
Track: wheel hexes	Kit
Wheelbase: hub spacers - F/R	2 / 2 mm

TIRES

	FRONT	REAR
Tire brand / type	AKA	AKA
Tire compound	Green	Green
Tire insert	Closed-cell	Closed-cell

NOTES Red inserts

SHOCKS

	FRONT	REAR
Oil weight	27.5 wt	35 wt
Pistons	4@ 1.5mm	4 @ 1.5mm
Rebound	0 %	0 %
Shock length	100mm	125mm
Springs	Kit	Kit

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	5,000 cst
Center diff fluid	15,000 cst	

DRIVETRAIN

Clutch shoes & springs	ALLOY SHOES, HARD SPRINGS
Drive ratio - final	14:43
Driveshafts - front	CVD
Driveshafts - rear	Dogbones
Pinion	13 teeth
Spur	46 teeth

BODY & CHASSIS

Body	Hpi
Center diff top plate	Kit

FLEX

Chassis	Aluminum
Radio tray	Kit
Rear wing	Kit

ELECTRONICS

Radio brand	Skyrc
Radio EPA steering	100 %
Radio EPA throttle	70 %
Receiver battery	6v 1600mhs nimhi
Receiver brand	Skyrc
Steering servo brand	Savox
Steering servo model	Sa1283sg
Throttle servo brand	Savox
Throttle servo model	Sw0231mg
Transponder ID	3220788