Xpress ARROW AT1

Setup: 17,5 VTA '24 · Patrick Stothfang · Mar 26, 2024

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Open/save in RC Setup App →

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EVENT		TRACK		RESULTS	
Event	P&W Cup	Track	RC Arena Bünde	Race type	Main
Class	VTA	Type	Indoor carpet	Finish	3rd
		Grip / moisture	Medium/High / Dry	Best lap	10.69 s
		Surface / layout	Smooth / Tight		
		Air temp	15°C (59°F)		
		Track temp	15°C (59°F)		

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	1 - Outside
Servo saver inserts	8.5 mm
Anti-roll bar	1.2 mm
Arms	Hard
Bump steer: outer steering link shims	4 mm
C-Hubs	Hard
Camber	-1.5 degrees
Camber link plate	42 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	2 mm
Outer shims	1 mm
Downstop	5.6 mm
FF mount	Aluminum
FF mount inserts	0 center
FF mount shims	0 mm
FR mount	Split aluminum
FR mount inserts	0.5 down
FR mount shims	0 mm
Ride height	5.2 mm
Servo saver stud shims	2 mm
SHOCKS	
Arm mount shims	0 mm
Tower mount shims	2 mm
Steering blocks	Hard
Toe	-1 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	1 / 1 mm

NOTES Camber Link Plate cutted in Front, Bulkhead Stiffener Not mounted

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	Hard
Camber	-1.5 degrees
Camber link plate	42 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	3 mm
Outer location	OPCS used
Outer shims	0.5 mm
Downstop	5.4 mm
Hubs	Hard
OPCS	
Inner link shims	0
Outer link shims	0
RF mount	Aluminum
RF mount inserts	1 up and out
RF mount shims	0 mm
Ride height	5.6 mm
RR mount	Split aluminum
RR mount inserts	1 up and out
RR mount shims	0 mm
SHOCKS	
Arm mount shims	1.5 mm
Tower mount shims	2 mm
Toe	2 degrees
Track: wheel hexes	5mm +1mmShim mm
Wheelbase: arm shims - F/R	2 / 5 mm

TIRES

	FRONT	REAR
Tire brand / type	Hpi VTA 26mm	Hpi VTA 31mm
Wheel brand / type	Hpi	Hpi
Tire additive	MXLR	

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Hole in caps	No	No
Oil weight	450 cst	450 cst
Pistons	4-hole	4-hole
Rebound	0 %	0 %
Springs	2.7	2.5
Stroke	10.5 mm	10.5 mm

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	10,000 cst
Diff fluid mass	–	1.1 g

DRIVETRAIN

Drive ratio - final	6.82
Drive ratio - internal	2.353
Driveshafts - front	39.3mm Univ Double Joint
Driveshafts - rear	41mm Universal
Front drive type	Spool
Gear pitch	64
Spur	90 teeth

BODY & CHASSIS

Battery position	Standard
Body	Protoform Mustang
FLEX	
Chassis	2.25mm Graphite
Upper deck	2mm Graphite
Upper deck stiffeners	Middle - Aluminum
Weight: total	1355 g

ELECTRONICS

ESC brand	Sanwa
ESC model	SV Dtype plus
Motor brand	Ruddog
Motor model	RP 540 fixed timing
Motor wind	17.5 turns
Steering servo brand	SRT
Steering servo model	CH6012