

Rally		Car		25/03/2021
Date		Surface	Tarmac	
Crew		Conditions	Dry	

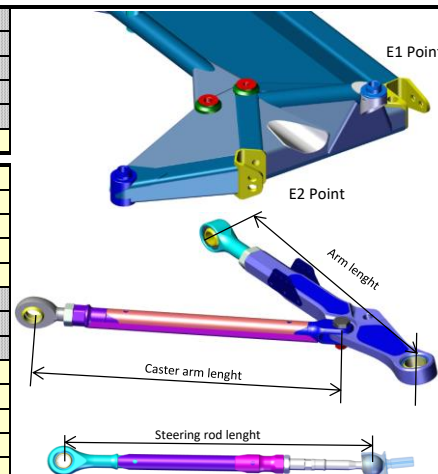
### General data

Wheel	Speedline 8x18					
Tyre	Michelin	20/65 - 18	Setup tyre pressure		bars	2
Corner weight with 30L fuel	kg	FL		FR	Ballast	Fr weight ratio
	kg	RL		RR		L/R diff
Crew weight	kg	Driver		Codriver		Cross diff
Car weight	kg	w/ crew	1390 min	Min Weight		1230 min

with 1 spare wheel

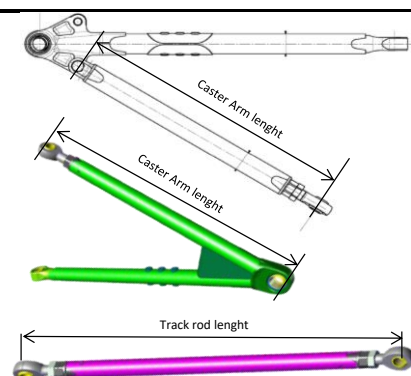
### Front AXLE

SUSPENSION	Main Spring	N/mm		55	
	Valving	spec		T30F	
	Damper settings (LSB, HSB, Reb)	base		-6 / -14 / -40	
	RCV	shim		3mm	
	Antiroll bar	mm / pos		15,3	Hard
	Antiroll rod lenght (theoretical)	mm		235	
GEOMETRY	Ride Height*	mm		107	
	Cup Height (theoretical)	mm			
	Toe / wheel (+ = toe in)	mm		-1mm	
	Camber	( ° )		-1°40'	
	Camber shim (theoretical)	mm			
	Point C Bracket	orientation		Marking -> INSIDE	
	E1 Point	position		OUTSIDE	
	E2 Point	position		UPPER	
	Arm lenght (theoretical)	mm		383	
	Caster arm lenght (theoretical)	mm		375	
	Steering rod lenght (theoretical)	mm		402	
	2517 < Wheelbase < 2568	mm		2567	
	Caster (for info)	( ° )		8°42'	



### Rear AXLE - Evo Rear Subframe

SUSPENSION	Main Spring	N/mm		50	
	Valving	spec		T30R	
	Damper settings (LSB, HSB, Reb)	base		-11 / -6 / -33	
	RCV	shim		3mm	
	Antiroll bar	mm / pos		24,5	Hard
	Antiroll rod lenght (theoretical)	mm		260	
GEOMETRY	Ride Height*	mm		134	
	Cup Height (theoretical)	mm			
	Toe / wheel (+ = toe in)	mm		0 mm	
	Camber	( ° )		-1°20'	
	Camber shim (theoretical)	mm			
	Caster Arm lenght (theoretical)	mm	Standard rear arm →	539 / 465	← Rear arm evo
	Track rod lenght (theoretical)	mm		536,6	



### BRAKES

Disc	spec	Ø x t	Front	Rear
			355 x 32	355 x 32
Caliper	spec	Ø	Alcon 38.1/41.3	Alcon 38.1/41.3
Pads	spec	-	Endless 105SP	Endless 105SP
Master cylinder Fr / Rr	inch	Ø	0,75" (19,05mm)	0,75" (19,05mm)
Handbrake master cylinder	inch	Ø	0,7" (17,8mm)	
Brake ratio (for 30b at the front)	bars	AR	21	(to be set)

### STEERING

Power steering pump	L / min	11L/min at 130b Ref 904600278A
Anti return valve	-	WITHOUT

### TRANSMISSION

Front Diff	Drive / Coast	55 / 75	Preload	40 Nm	8 FF
Rear Diff	Drive / Coast	35 / 90	Preload	75 Nm	12 FF
Clutch master cylinder	inch	Ø	0,7" (17,8mm)		

\*Nota: Ride height is measured with the driver and codriver weight, with 30L fuel, all fluids leveled, 1 spare wheel, car ready to race.

In case of bumpy/cambered road, increase RH by +6/+8

RH: 104 / 128 in case of very high grip

