

Rally		Car		
Date		Surface	Gravel	24/02/2020
Crew		Conditions		

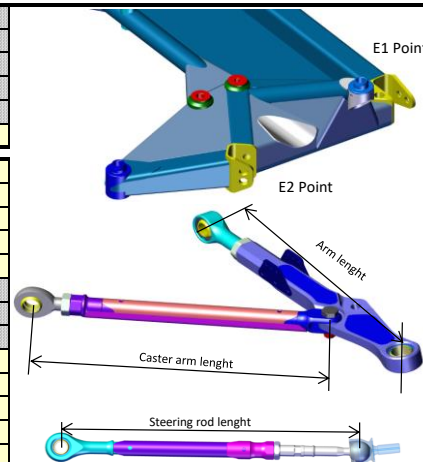
General data

Wheel	Speedline 7x15		Setup tyre pressure		bars	2	R: 309/310mm
Tyre	Michelin	17/65 - 15	FR	Ballast	Fr weight ratio	%	
Corner weight with 30L fuel	kg	FL	RR		L/R diff	kg	
Crew weight	kg	Driver	Codriver		Cross diff	kg	
Car weight	kg	w/ crew	1390 min	Min Weight	1230 min	with 1 spare wheel	

Front AXLE

Main Spring	N/mm	20
Valving	spec	G20F
Damper settings (LSB, HSB, Reb)	base	-18 / -14 / -5
RCV	shim	3mm
Antiroll bar	mm / pos	17,6 Soft
Antiroll rod lenght (theoretical)	mm	235

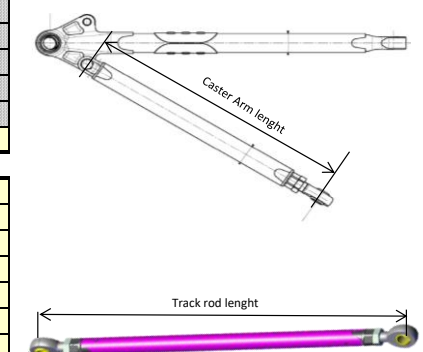
Ride Height*	mm	168
Cup Height (theoretical)	mm	
Toe / wheel (+ = toe in)	mm	0
Camber	(°)	-1°10'
Camber shim (theoretical)	mm	
Point C Bracket	orientation	Marking -> OUTSIDE
E1 Point	position	INSIDE
E2 Point	position	LOWER
Arm lenght (theoretical)	mm	400,2
Caster arm lenght (theoretical)	mm	372,5
Steering rod lenght (theoretical)	mm	394
2517 < Wheelbase < 2568	mm	2567
Caster (for info)	(°)	7°14'



Rear AXLE - Evo Rear Subframe

Main Spring	N/mm	20
Valving	spec	G17R
Damper settings (LSB, HSB, Reb)	base	-5 / -5 / -17
RCV	shim	3mm
Antiroll bar	mm / pos	21,6 Soft
Antiroll rod lenght (theoretical)	mm	260

Ride Height*	mm	188
Cup Height (theoretical)	mm	
Toe / wheel (+ = toe in)	mm	1mm
Camber	(°)	-1°20'
Camber shim (theoretical)	mm	
Arm lenght (theoretical)	mm	469
Track rod lenght (theoretical)	mm	541,9



BRAKES

	spec	Front	Rear
Disc	Ø x t	300 x 29	300 x 29
Caliper	spec	Alcon 38.1/41.3	Alcon 38.1/41.3
Pads	spec	Alcon JJ9	Alcon JJ9
Dual master cylinder	inch	0,7" (17,8mm)	0,874" (22,2mm)
Handbrake master cylinder	inch	0,7" (17,8mm)	
Brake ratio (for 30b at the front)	bars	AR 19	(given by dual master cylinder)

STEERING

Power steering pump	L / min	13L/min at 130b Ref 904600288A
Anti return valve	-	WITH

TRANSMISSION

Front Diff	Drive / Coast	35 / 60	Preload	60 Nm	12 FF
Rear Diff	Drive / Coast	50 / 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.

Ride heights mentioned are minimum. Increase ride height (according to the ratio +10/+15) for more protection (bumpy road, ruts).

Increase spring rate for more protection in case of bad road.

If low grip, try the front ARB in 15,3 H

If case of low grip and power oversteer, try rear diff 45/90 8FF

