

## BALANCE OF PERFORMANCE FOR D TRACKS



### **BALANCE OF PERFORMANCE FOR D Tracks:**

## <u>Oschersleben</u>

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# Balance of Performance FIA GT3 Specification



Make	FIA GT3	Model	Min Weight	BOP Ballast	Total Weight	Engine	Min RH	Min RH	Lambda	Comments
	Homologation		kg	kg	without driver	Restrictor	Front	Rear	Fixed	
					weight kg	size mm	mm	mm		
Audi	GT3-038	R8 LMS EVO II	1260	45	1305	2 x 36	65,5	128	0,91	
BMW	GT3-053	M4 GT3	1265	25	1290	none	84,5	83,5	1,10	Max Pboost see table
Lamborghini	GT3-040	Huracan GT3 2019	1230	95	1325	2 x 39	65,5	128	0,89	
Mercedes	GT3-042	AMG GT3	1285	45	1330	2 x 34,5	81	87	0,92	
Porsche	GT3-050	991 GT3-R	1235	55	1290	2 x 41,5	70	124	0,88	

#### Remarks:

- 1.1 Additional weight must be installed in accordance with article 257A-4.3 2022
- 1.2 Technical drawings of air restrictors for 2016/2017/2018/2019/2020/2021/2022 cars are registered with FIA. Only restrictors in compliance with this registration are allowed
- 1.3 Use of catalytic converter compulsory
- 1.4 Notes on boost control:
  - Values are boost pressure ratio and need to be multiplicated by the ambient pressure to get the Pboost limit.
  - Competitors must adjust boost pressure relative to ambient pressure at each event
  - Pboost limits linear interpolation approach
  - Control of Pboost strategy see further.
- 1.5 The SRO Sporting Board is allowed to modify any parameter required to establish the balance of performance cfr the Sporting Regulations.
- 1.6 Cfr the Sporting Regulations: Engine reference data (iA, Lambda, Fuel inj, Cam In/Out, airbox pressure drop, etc) is the one collected during BOP tests and will be used for checks.
- 2.Control of Phoost strategy FIA (see further)
- 3. Phoost limits linear interpolation



# Balance of Performance FIA GT3 Specification Phoost Ratio table for Turbo cars



Engine speed	BMW M4 GT3					
RPM	Pboost ratio @ rpm @ Lambda					
4000	2.33 @ 1.10					
4250	2.38 @ 1.10					
4500	2.42 @ 1.10					
4750	2.48 @ 1.10					
5000	2.50 @ 1.10					
5250	2.53 @ 1.10					
5500	2.65 @ 1.10					
5750	2.71 @ 1.10					
6000	2.73 @ 1.10					
6250	2.76 @ 1.10					
6500	2.67 @ 1.10					
6750	2.57 @ 1.10					
7000	2.38 @ 1.10					
7250	2.23 @ 1.10					
>=7500	2.00 @ 1.10					



# Balance of Performance FIA GT3 Specification Phoost Control Strategy



