

Tire inflation pressure recommendations

new

2023 v1



	in bar	Target Running Pressure *1	Setting Cold (Ambient)	Setting in Warmers (60' @ 80°C) *3	MINIMUM Running Pressure *2
Slick					
KR106	Front	2.3 ~ 2.6	2,1	2,1	2,1
KR109 110/70R17	Front	2.2 ~ 2.4	1,8	2,0	2,0
KR109 125/80R17	Front	2.4 ~ 2.6	2,0	2,3	2,4
KR108 140/70R17	Rear	1.4 ~ 1.6	1,1	1,4	1,4
KR108 SSP 190/55R17	Rear	1.5 ~ 1.7	1,2	1,4	1,4
KR108 195/65R17, 205/60R17	Rear	1.5 ~ 1.7	1,2	1,4	1,4
KR108 200/70R17	Rear	1.5 ~ 1.7	1,2	1,4	1,4
KR451 U.S. (250GP)	Rear	2.0 ~ 2.2	1,7	2,0	1,6
KR149 90/80R17 New	Front	1.8 ~ 2.3	1,8	2,1	1,7
KR133 115/75R17 New	Rear	1.9 ~ 2.4	1,6	1,9	1,8
Moto3	Front	2.1 ~ 2.3	1,8	2,1	1,9
	Rear	2.1 ~ 2.5	1,7	2,0	1,9
Moto2	Front	2.1 ~ 2.5	1,8	2,1	2,1
	Rear	1.40 ~ 1.55	1,2	1,4	1,4
Road Legal					
D213 GP PRO					
110/70R17	Front	2.2 ~ 2.4	1,8	2,0	2,0
120/70ZR17	Front	2.4 ~ 2.6	2,0	2,3	2,4
140/70R17	Rear	1.8 ~ 1.9	1.4 ~ 1.5	1.7 ~ 1.8	1,7
180/60ZR17, 200/60ZR17	Rear	1.5 ~ 1.7	1,2	1,4	1,4
Wet					
KR189	Front	2.2 ~ 2.4	2.0 ~ 2.2		1,9
KR389	Rear	2.1 ~ 2.3	2.0 ~ 2.2		1,9
KR404	Rear	1.9 ~ 2.1	1,9		1,9
KR191	Front	2.2 ~ 2.4	2,2		1,9
190/55 R17 KR393	Rear	2.2 ~ 2.4	2,2		1,9
195/65 R17 KR393	Rear	1.5 ~ 1.7	1,4		1,5
TrackDay/Easy Race					
GP RACER D212 / SLICK	Front	2.4 ~ 2.5	2,1	2.3 ~ 2.4	2,4
	Rear	1.5 ~ 1.7	1.0 ~ 1.1	1.4 ~ 1.5	1,4
Hypersport					
SportSmart TT					
110/70R17	Front	2.0 ~ 2.3	1.8 ~ 2.0		
120/70ZR17	Front	2.2 ~ 2.5	1.9 ~ 2.2		
120/70ZR19	Front	2.4 ~ 2.5	2.1 ~ 2.2		
140/70, 150/60, 160/60	Rear	1.9 ~ 2.3	1.7 ~ 1.9		
170/60ZR17	Rear	2.7 ~ 2.9	2.4 ~ 2.5		
180/55, 180/60, 190/55, 200/55	Rear	1.8 ~ 2.4	1.5 ~ 1.9		
SportSmart Mk3	Front		2,2		
	Rear		2,4		
Qualifier II, Qualifier CORE	Front	2,5	2,2		
	Rear	2,7	2,4		
Scooter / Mini bike					
TT93 GP / GP PRO	F/R		1.6 ~ 1.7		
KR345 wet	F/R		1.7 ~ 1.8		

*1 >> Dunlop advise that optimum performance will be found with an operating pressure in this range.

*2 >> For safe operation never run below the minimum pressure.

*3 >> Setting in warmers is recommendation to achieve minimum running pressure. It is important to monitor the running pressure to confirm that the minimum is achieved.

All recommendations listed in this document refer to race track use only.

For Road Racing usage, to refer to local Dunlop support (+0.1b for Rears versus race track recommendation)

For all use on public roads, refer to the vehicle owner's manual pressure recommendations.

- # Setting pressures are a guide to achieve desired operating pressure.
- # Running pressure should be measured immediately after entering the garage / pit area.
- # Pressure gauges should be regularly checked for correct calibration.
- # Indicated pressures are average values; ideal pressures may vary depending on motorcycle, racetrack, track and ambient temperature, bike set-up and riding style.
- # Stable equilibrium running pressures are reached after approx 5~8 laps.
- # Dunlop sell top-level performance and that includes on-track advice: see your Dunlop Motorsport service crew at the track.
- # The use of tyre warmers is mandatory for professional dry weather racing tyres (KR, GP PRO) and highly recommended for track day tyres (GP)
- # The use of tyre warmers is prohibited for road-biased tyres (eg. SportSmart Mk3) and wet racing tyres (KR wets). Warmers may be used with SportSmart TT, but are not needed thanks to their very short warm-up time.