

Motorsport Information



Volkswagen

Technical Data

Volkswagen Scirocco R Cup (2010)

Engine

Design	Straight, four-cylinder turbo engine with natural gas intake-manifold injection and intercooling
Capacity	1,984 ccm
Performance	165 kW (225 hp) at 6,000 rpm
Torque	275 Nm at 3,000 rpm
Bore/stroke	82.5 mm/92.8 mm
Engine management	Bosch MS4
Push-to-Pass	Boost pressure increase, additional output approx. 37 kW (50 hp)

Transmission

Gearbox	Production-based six-speed dual-clutch DSG, steering wheel with shift paddles, modified gear ratio
Axle drive	Front-wheel drive with limited slip differential

Chassis

Front axle	McPherson struts, wishbones
Rear axle	Multilink rear axle with uniball joints
Dampers/springs	ZF Sachs dampers with H&R springs, one-way adjustable rebound and compression stages
Steering	Electromechanically supported rack and pinion steering
Stabilisers	Adjustable front and rear H&R stabilisers
Braking system	ABS racing brake system, internally ventilated six-piston disc brakes at front (Ø 362 mm), one-piston disc brakes at rear (Ø 282 mm)
Rims	9 x 18 inch
Tyres	235/640-R 18 Dunlop (slicks and wets)

Chassis/Bodywork

Structure	Self-supporting body, FIA-approved roll cage, "R-Line" exterior package, 22-kg natural gas tank
-----------	---

Dimensions and weight

Length/width/height	4,256/1,810/1,380 mm
Track	1,571 mm front, 1,567 mm rear
Wheelbase	2,578 mm
Minimum weight	1,250 kg

Driving performance

Acceleration	0–100 km/h in approx. 6.2 seconds
Top speed	Up to approx. 220 km/h