

TECHNICAL SPECIFICATION

1 March 2011

SPYKER C8 SPYDER AND LAVIOLETTE

Body style

Two-door, two-seater mid-engine open top and coupe sportscar. All-aluminium spaceframe chassis with aluminium body panels. Mid-position, longitudinally-mounted V8 engine driving the rear wheels via a six-speed manual transmission.

Engine

Туре	Normally aspirated 90 degree V8 with VVT	
Capacity	4.2-litre, 4172 cc	
Bore & Stroke	84.5 x 93.0 mm	
Compression ratio	11.0:1	
Max power	400 ps (298 Kw) @ 6800 rpm	
Max torque	480 Nm (354 lb ft) @ 3500 rpm	
Max revolutions	7500 rpm	
Valves	40 (5-per-cylinder)	
Fuel system	Multi-point fuel injection	
Drivetrain & Transmission		

Transmission Rear-mounted Getrag 6-speed manual gearbox Drexler Limited Slip Differential LSD Suspension Front Fully independent double wishbones, with shock absorbers, springs and anti-roll bar Fully independent double wishbones, with shock absorbers, springs Rear and anti-roll bar Steering Type Speed-sensitive hydraulic power assisted rack & pinion 2.6 turns of steering wheel lock-to-lock Gearing **Brakes** Front 356 mm diameter vented and cross-drilled steel discs with six-piston AP Racing brake callipers. 330 mm diameter vented and cross-drilled steel discs with four-piston Rear AP Racing brake callipers. Anti-lock Braking System (ABS) Safety Aids Electronic Brake Distribution (EBD) Wheels Standard: Front 8J x 18 multispoke ATS LeMans alloy wheels Rear



Optional:	
Front	8.5J x 19 in Aeroblade [™] in alloy
Rear	9.5J x 19 in Aeroblade [™] in alloy

Tyres

Standard:	
Front	225 / 45 ZR18
Rear	265 / 35 ZR18
Frant	22E / 2E D10

	19
Rear 265 / 30 R	19

Dimensions

Length	4185 mm	165.0 in
Width	1880 mm	74.0 in
Height	1245 mm	49.0 in
Wheelbase	2575 mm	101.0 in
Front track	1400 mm	55.0 in
Rear track	1580 mm	62.0 in

(excluding door mirrors)

Weights & Capacities

Kerb weight	Spyder: 1275 kg / 2805 lbs	Laviolette: 1300kg / 2866 lbs
Fuel tank	75 litres / 16.5 gallons (US)	
Luggage capacity	105 litres (50 kg)	

Performance

Acceleration	0-100 kph (62 mph) – 4.5 seconds
Max speed	300 kph (186 mph)

Fuel Consumption

Combined Cycle	13.3 l/100 km
CO2	315 g/km

- Ends -

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