

SPYDER™

/ Engine /

Manufacturer	BRP-Rotax
Type	990 V-Twin
Displacement	60.90 in ³ (998cc)
Bore	3.82 in (97 mm)
Stroke	2.68 in (68 mm)
Cylinder	2
Valves per cylinder	DOHC 4
Max output	106 hp @ 8500 rpm (79 kW @ 8500 rpm)
Max torque	77 lb-ft @ 6250 rpm (104.3 Nm @ 6250 rpm)
Compression ratio	10.8:1
Ignition type	Electronic ignition with dual output coil
Lubrication	5W40 BRP synthetic oil
Exhaust system	2-into-1 with catalytic converter
Cooling	Liquid cooled
Injection	Multi-point EFI with 57 mm diameter throttle bodies

/ Drive Train /

Gear box	Sequential Manual 5-Speed (SM5) with transmission-based reverse
Optional gear box	Sequential Electronic 5-Speed (SE5) with transmission-based reverse
Final drive	28/79 ratio final drive with Carbon-reinforced drive belt
Clutch	Wet, multi-plate, manual operation through a hydraulic piston

/ Electric Equipment /

Magneto	500 Watt
Starter	Electric
Battery	Dry Cell, 12V, 21 Amp

/ Geometry /

Front suspension	Double A-Arm with anti-roll bar
Front suspension travel	5.67 in (144 mm) with adjustable cam
Rear suspension	Swing-arm with monoshock
Rear suspension travel	5.71 in (145 mm) with adjustable cam
Chassis type	SST Spyder (Surrounding Spar Technology)
Steering	DPS (Dynamic Power Steering)

/ Tires & Wheels /

Front tire	KR21 165/65R14
Front nominal pressure	13-17 psi (89-117 kPa)
Rear tire	KR21 225/50R15
Rear nominal pressure	13-17 psi (89-117 kPa)
Wheel size, front	Aluminum 14x5 (355x127)
Wheel size, rear	Aluminum 15x7 (381x178)

/ Brakes /

Type	Foot-actuated, fully integrated hydraulic 3-wheel braking system
Front braking system	4 piston calipers with 10.2 in x 0.25 in (260 mm x 6 mm) discs
Rear braking system	Single-piston caliper with 10.2 in x 0.25 in (260 mm x 6 mm) disc
EBD	Electronic Brake Distribution
ABS	Anti-lock Braking System
Parking brake	Mechanical, foot actuated to the rear caliper

/ Safety & Security /

VSS	Vehicle Stability System
ABS	Anti-lock Braking System
TCS	Traction Control System
SCS	Stability Control System with Roll-Over Mitigation
DPS	Dynamic Power Steering
DESS	Digitally Encoded Security System

/ Vehicle Dimensions & Weights /

Dry vehicle weight	697 lbs (316 kg)
Front storage capacity	2,685 in ³ (44 l)
Front max load capacity	30 lbs (15.9 kg)
Total vehicle load allowed	440 lbs (200 kg)
Fuel capacity	7.13 US gal (27 l)
Oil capacity	1.19 US gal (4.5 l)
Coolant capacity	0.85 US gal (3.2 l)
GVWR	1,188 lbs (540 kg)
Ground clearance	4.5 in (115 mm)
Vehicle overall height	45.1 in (1,145 mm)
Vehicle overall length	105 in (2,667 mm)
Vehicle overall width	59.3 in (1,506 mm)
Seat (top) height	29 in (737 mm)
Wheel base	68 in (1,727 mm)
Wheel track, front	51.5 in (1,308 mm)
Type of gas	Unleaded, 87 octane minimum

/ Features & Main Options /

Color choices	Full Moon Millennium Yellow
Instrumentation	Dual analog and LCD w/speedometer, tachometer, electric fuel gauge, daily trip (A & B) meters, engine temperature, ambient temperature and gear position indicator. Information displayed in either metric or US Standards
Main options	Fog lights, xenon lights, mono seat cover, racing exhaust pipe, travel bags, cargo liner, passenger backrest, low and high windshields
Warranty	2 years