

Caponord Rally Raid



Engine type	Longitudinal 60° V twin four stroke, with patented AVDC system (Anti-Vibration Double Countershaft)
Cooling	Liquid cooling with three-way pressurised circuit.
Bore and stroke	97 x 67,5 mm
Total displacement	997,62 cc
Compression ratio	10.4 :1
Valve timing	Double overhead cam with mixed gear/chain timing drive, four valves per cylinder.
Maximum power at crankshaft	98 HP (72 kW) at 8,250 r.p.m.
Maximum torque at crankshaft	9.68 kgm (95 Nm) at 6,250 r.p.m.
Fuel injection	Integrated electronic engine management system. Indirect multi-point electronic injection. Lambda probe oxygen sensor in exhaust system. 47 mm diameter throttle bodies.
Ignition	Digital electronic ignition with TSI (Twin Spark Ignition) with two spark plugs per cylinder. Ignition timing integrated in the injection control system.
Exhaust system	Twin stainless steel silencers, one catalyser per silencer.
Starter	Electric starter
Lubrication	Dry sump with separate oil reservoir. Double trochoidal pump with oil cooler. Circuit capacity 3.5 litres.
Primary drive	Straight toothed gears. Transmission ratio: 60/31 (1.935)
Gearbox	6 speed. Transmission ratios: 1° 35/14 (2,5), 2° 28/16 (1,75), 3° 26/19 (1,368), 4° 24/22 (1,091), 5° 22/23 (0,957), 6° 23/27 (0,852)
Final drive	Chain. Transmission ratio: 45/16. Alternative 17 tooth sprocket can be fitted.
Clutch	Multiple disk in oil bath with patented PPC power-assisted hydraulic control.

Frame	Sloping parallel twin spar frame in aluminium-magnesium alloy. Removable high strength steel seat mount frame.
Dimension	Maximum length: 2,300 mm. Maximum width: 876 mm (at handlebars). Maximum height: 1,460 mm (at windshield). Seat height: 860 mm Handlebar height: 1,135 mm at bar ends. Wheelbase: 1,568 mm. Trail: 129 mm. Steering angle: 27.8°
Front suspension	Marzocchi 50 mm hydraulic telescopic fork. 200 mm wheel travel. Piston and cartridge motocross type fork hydraulics. Compression adjustment (on RH leg) and rebound adjustment (on LH leg).
Rear suspension	Aluminium alloy swing-arm. New rising rate linkage with APS (Aprilia Progressive System). Sachs hydraulic monoshock with mechanical compression and rebound adjustment and hydraulic preload adjustment. Separate nitrogen reservoir. 200 mm wheel travel.
Front brake	Brembo double floating stainless steel disks, Ø 300 mm. Floating calliper with two differential diameter 32 and 30 mm pistons. Semi-metallic brake pads.
Rear brake	Stainless steel disk, Ø 272 mm. Twin 34 mm piston calliper.
Wheels	Patented perfected spoked wheels for tubeless tyres. Front: 2.50 X 19". Rear: 4.00 X 17".
Tyres	Radial tubeless: Front: 110/80 VR 19. Rear: 150/70 R 17. Alternative: Off road all-round. V max = 170 km/h. Front: 110/80 R 19 M+S Tubeless. Rear: 150/70 R 17 M+S Tubeless.
Electrical system Battery	12 V. 12 V 14 Ah.
Weight	Motorcycle + Rider + Passenger + luggage = 478 kg
Tank	Capacity 25 litres, 5 litre reserve.

ETV 1000 Caponord is an environmentally friendly vehicle conforming to Community Euro 2 standards in respect of acoustic and air pollution limits.

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Drive safely always wearing a helmet and protective clothing. Observe the laws of the road and respect the environment. Carefully read the owners' handbook. Photographs, technical data, specifications and colours shown in this brochure refer to the Italian market version and may be subject to change without prior notice. Ask your official Aprilia dealers for full details. In order to maintain your machine in a safe and efficient manner, always demand official Aprilia Spare Parts, which are guaranteed by Aprilia Quality Service in respect of current legislation. E & O E. Aprilia offers Aprilia Road Assistance, a call centre available 24 hours a day for information and road rescue.

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