

### Aprilia Dorsoduro 900 – technical specifications

<b>Engine type</b>	<b>Aprilia V90</b> Longitudinal 90° V-twin engine, 4-stroke, liquid cooled, double overhead camshaft with mixed gear/chain timing system, four valves per cylinder, Ride-by-wire system
<b>Fuel</b>	Unleaded petrol
<b>Bore and stroke</b>	92 x 67.4 mm
<b>Total engine capacity</b>	896.1 cc
<b>Compression ratio</b>	11 : 1
<b>Maximum power at crankshaft</b>	70.0 kW (95.2 HP) at 8,750 rpm
<b>Maximum torque at crankshaft</b>	90.0 Nm (9.17 kgm) at 6,500 rpm
<b>Fuel system</b>	Integrated engine management system. Injection with 3-map Ride-by-wire throttle valve opening management (Sport, Touring, Rain)
<b>Ignition</b>	Digital electronic, integrated with the injection
<b>Starter</b>	Electric
<b>Exhaust</b>	100% stainless steel 2-in-1 exhaust system with three-way catalytic converter and oxygen sensor
<b>Alternator</b>	450 W at 6,000 rpm
<b>Lubrication</b>	Wet sump
<b>Gearbox</b>	6 speeds, drive ratio: 1st 14/36 (2.57) 2nd 17/32 (1.88) 3rd 20/30 (1.5) 4th 22/28 (1.27) 5th 23/26 (1.13) 6th 24/25 (1.04)
<b>Clutch</b>	Multiplate wet clutch, hydraulically operated
<b>Primary drive</b>	Straight cut gears, drive ratio: 40/69 (1:1,725)
<b>Secondary drive</b>	Chain-driven
<b>Frame</b>	Modular tubular steel frame fastened to aluminium side plates by high strength bolts. Dismountable rear frame
<b>Front suspension</b>	Upside-down fork, stanchions $\varnothing$ 41 mm. Adjustable hydraulic rebound damping and spring preload. Wheel travel 160 mm.
<b>Rear suspension</b>	Aluminium alloy swingarm Hydraulic shock absorber with adjustable extension and spring preload Wheel travel 160 mm.
<b>Brakes</b>	Front: Dual $\varnothing$ 320 mm stainless steel floating discs. Radial, four-piston callipers. Metal braided brake hose Rear: $\varnothing$ 240 mm stainless steel disc. Single piston calliper. Metal braided brake hose. Continental two-channel ABS system
<b>Wheel rims</b>	Aluminium alloy Front: 3.50 X 17" Rear: 6.00 x 17"
<b>Tyres</b>	Radial tubeless tyres; front: 120/70 ZR 17 rear: 180/55 ZR 17
<b>Tank</b>	Max length 2210 mm 12 l (range > 200 km)