

DORSODURO 750

Technical Data

Engine

Aprilia V90 four stroke longitudinal 90° V twin. Liquid cooling. Double overhead camshaft with mixed gear/chain drive; four valves per cylinder.

Fuel

Unleaded petrol.

Bore x stroke

92 x 56.4 mm.

Total displacement

749.9 cc.

Compression ratio

11 : 1.

Maximum power at the crank

92 HP at 8750 rpm.

Maximum torque at the crank

60.48 ft. lbs. at 4500 rpm.

Fuel system

Integrated engine management system. Electronic fuel injection with ride-by-wire electronic throttle control.

Ignition

Digital electronic, integrated in the fuel injection system.

Starting

Electric

Exhaust

Two in one system in 100% stainless steel with three-way catalytic converter and Lambda probe.

Alternator

450 W at 6000 rpm.

Lubrication

Wet sump.

Gearbox

Six speed. Transmission ratios:

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)

Clutch

Hydraulically operated multi-plate wet clutch.

Primary drive

Spur gears. Transmission ratio 38/71 (1.87).

Final drive

Chain. Transmission ratio 16/46.

Frame

Modular steel trellis secured to aluminum side plates by high strength bolts. Detachable rear frame.

Front suspension

43 mm upside-down fork. 160 mm wheel travel.

Rear suspension

Aluminum alloy swingarm.

Hydraulic shock absorber adjustable in spring preload and rebound damping. Wheel travel: 160 mm.

Brakes

Front: Double stainless steel floating disc (320 mm). Four-piston radial calipers.

Metal braided brake line.

Rear: Stainless steel disc (240 mm) with single piston caliper. Metal braided brake line.

Wheels

Aluminium alloy.

Front: 3.50 x 17".

Rear: 6.00 x 17".

Tyres

Radial tubeless.

Front: 120/70 ZR 17.

Rear: 180/55 ZR 17.

Dimensions

Overall length: 87.24 in

Overall width: 35.62 in (at handlebars)

Overall height: 46.65 in (at instruments)

Seat height: 34.25 in

Wheelbase: 59.25 in

Trail: 4.25 in

Rake angle: 26°

Weight:

410 lbs

Tank capacity

3.17 gallons