



TECHNICAL SPECIFICATIONS

Engine	Aprilia Racing one cylinder 4T, 4 valves, liquid cooled, with countershaft
Valve mechanism	DOCH
Bore and Stroke	77mm x 53,6mm
Displacement	249,2 cc
Compression ratio	13,0:1
Maximum power	35,5 HP (26,1 KW) at 10.500 rpm
Maximum torque	24 Nm a 8.000 rpm
Ignition	CDI
Starter	Electric
Fuel system	Carburetor Dell'Orto PHM 40 with Sprint Filter 037
Transmission	6 speed gearbox 1° 31/12 (2,583) 2° 27/15 (1,800) 3° 24/18 (1,333) 4° 22/20 (1,100) 5° 23/24 (0,958) 6° 22/25 (0,880)
Primary drive	Gears - transmission ratio: 64/22 (2,909)
Secondary drive	420 Racing chain - transmission ratio 46/16 (2,875)
Clutch	FCC multiplate wet clutch Optional: Slipper Clutch EVR
Frame	Alluminium
Front suspension	Upside-down fork D. 40mm with alluminium CNC foot Andreani cartridge adjustable spring preload, compression and rebound wheel travel 110mm
Rear suspension	Alluminium swing arm OHLINS suspension with piggy back adjustable spring preload, wheelbase, compression and rebound wheel travel 110mm
Front brake	Brembo M50 monobloc radial caliper with 4 Ø 30mm opposing pistons, sintered pads. Radial pump Brembo RCS 14x18/20 and metal braided brake lines. Racing Brembo D. 300mm floating disc - alluminium center
Rear brake	Brembo caliper with two 32mm Ø isolated pistons, sintered pads. Master cylinder with built in reservoir and metal braided hose. 190mm diameter Inox disc
Wheels	Alloy forged wheels Marchesini Front 2.50x17 Rear 3.50x17
Tyres	Pirelli Diablo Superbike slick Front 100/70 - R17 Rear 120/70 - R17
Dimensions	Length: 1907mm Width: 700mm Height: 1135mm Saddle height: 790mm Wheelbase: 1315mm
Weight	105 kg
Fuel tank capacity	9 liters