

TECHNICAL SPECIFICATIONS

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| 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 | 11,6:1 |
| Maximum power | 29,9 HP (22 KW) at 9.500 rpm |
| Maximum torque | 22 Nm a 7.000 rpm |
| Ignition | CDI |
| Starter | Electric |
| Fuel system | Carburetor Dell'Orto PHBE 34 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 |