

PANIGALE V4 R

Developed with



Technical partner



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Actual fuel consumption may vary based on many factors, including but not limited to riding style, maintenance performed, weather conditions, surface characteristics, tyre pressure, load, weight of the rider and the passenger, accessories.

Ducati indicates the dry weight of the motorcycle excluding battery, lubricants and coolants for liquid-cooled models. The weights in running order are considered with all operating fluids, standard equipment and the fuel tank filled to 90% of its useful capacity (UE regulation no. 168/2013). For more information visit www.ducati.com. October 2022





This is Racing

The new **Panigale V4 R** adopts **technical solutions reserved for MotoGP and Superbikes**, such as "gun drilled" titanium connecting rods and pistons with DLC surface treatment.

Other interventions involve **pistons with new geometry**, a more aggressive intake cam profile, adoption of the **same gear ratio used by bikes competing in World Superbike**, and a new **lighter dry clutch**.

Greater effectiveness in track use is also achieved through **electronic evolutions**, such as the expansion and evolution of the Power Modes, the new Track Evo display on the dashboard, engine maps with dedicated calibration for each individual gear, refinements to the DTC and Ride By Wire throttle system, but also the Engine Brake Control EVO 2, the new strategy for the DQS, and the updated cooling fan control.

The Panigale V4 R also adopts a new throttle control that improves the rider's feeling when opening and managing the throttle.

Panigale V4 R Technical data

Engine	
Engine	Desmosedici Stradale 90° V4, counter-rotating crankshaft, 4 Desmodromic timing, 4 valves per cylinder, liquid-cooled
Displacement	998 cc
Bore X Stroke	81 x 48.4 mm
Power	160.4 kW (218 hp) @ 15,500 rpm 174 kW (237 hp) @ 15,500 rpm with full racing exhaust**
Torque	111.3 Nm (82 lb-ft) @ 12,000 rpm 118 Nm (87 lb-ft) @ 12,250 rpm with full racing exhaust**
Fuel injection	Electronic fuel injection system. Twin injectors per cylinder. Full ride-by-wire elliptical throttle bodies with aerodynamic valves. Variable length intake system
Exhaust	4-2-1-2 system, with 2 catalytic converters and 4 lambda probes
Transmission	
Gearbox	6 speed with Ducati Quick Shift (DQS) up/down EVO 2
Final drive	Chain; Front sprocket 15; Rear sprocket 42
Clutch	Hydraulically controlled slipper dry clutch. Self bleeding master cylinder.
Chassis	
Frame	Aluminum alloy "Front Frame" with optimized stiffnesses
Front suspension	Fully adjustable 43 mm Öhlins NPX 25/30 pressurized fork with TiN treatment.

Rear Suspension	Fully adjustable Öhlins TTX 36 unit with hydraulic spring preload adjuster. Aluminium single-sided swingarm. Adjustable pivot position +/- 3 mm
Tyre (front/rear)	Pirelli Diablo Supercorsa SP 120/70 ZR17 Pirelli Diablo Supercorsa SP 200/60 ZR17
Wheel (front/rear)	3-spokes forged aluminum alloy 3.50" x 17" 3-spokes forged aluminum alloy 6.00" x 17"
Wheel travel (front/rear)	125 mm (4.9 in) - 130 mm (5.1 in)
Front brake	2 x 330 mm semi-floating discs, radially mounted Brembo Monobloc Stylema® (M4.30) 4-piston callipers with Bosch Cornering ABS EVO. Self bleeding master cylinder.
Rear brake	245 mm disc, 2-piston calliper with Bosch Cornering ABS EVO

Dimensions and Weights	
Dry weight	172 kg (379 lb) 167 kg (368 lb) with full racing exhaust**
Kerb weight	193.5 kg (427 lb) 188.5 kg (415 lb) with full racing exhaust**
Seat height	850 mm (33.5 in)
Fuel tank capacity	17 l - 4.49 gallon (US)

Safety equipment	
Riding Modes, Power Modes, Cornering ABS EVO, Ducati Traction Control (DTC) EVO 3, Ducati Wheelie Control (DWC) EVO, Ducati Slide Control (DSC), Engine Brake Control (EBC) EVO 2, Auto tyre calibration	

Standard equipment	
Ducati Power Launch (DPL), Ducati Quick Shift (DQS) up/down EVO 2, Full LED lighting with Daytime Running Light (DRL)***, Öhlins steering damper, Quick adjustment buttons, Lithium-ion battery, Auto-off indicators, Racing style handle grips, Chain guard, Marchesini forged aluminum wheels, Carbon fiber front mudguard, Carbon fiber heatshield, Carbon fiber wings, Billet aluminum steering stem with bike number, High-flow air filter	

Provided equipment	
Machined mirror block-off plates**, License plate mount removal plug**, Ducati Data Analyser+ (DDA+) with GPS module	

Ready For	
Ducati Multimedia System (DMS) and anti-theft	

Warranty and Maintenance	
Warranty	24 months, unlimited mileage
Maintenance	12,000 km (7,500 mi) / 12 months
Valve clearance check	24,000 km (15,000 mi)

Emissions and Consumption*	
Standard	Euro 5
CO ₂ emissions	185 g/km
Consumption	8 l/100km

* Only for countries where Euro 5 standard applies.
 ** This product is intended for vehicles used only in closed-course circuit. Operation on public roads is prohibited by law.
 *** Bike specifications and equipment may vary from market to market. Please refer to your local dealer for further information

Panigale V4 R
Standard Configuration



Panigale V4 R with mirror* and licence plate removal kits * included in the standard equipment.

Panigale V4 R
Racing Configuration



Panigale V4 R with full titanium racing exhaust * and open clutch cover *in carbon fibre, not included in the standard equipment, but available as Ducati Performance accessories

