

	DUCATI DIAVEL	DUCATI DIAVEL CARBON
Engine		
Type	Testastretta 11°, L-Twin cylinder, 4 valve per cylinder, Dual Spark, Desmodromic, liquid cooled	Testastretta 11°, L-Twin cylinder, 4 valve per cylinder, Dual Spark, Desmodromic, liquid cooled
Displacement	1198.4 cc	1198.4 cc
Bore x Stroke	106 x 67.9 mm	106 x 67.9 mm
Compression Ratio	12.5:1	12.5:1
Power	162 hp (119 kW) @ 9250 rpm	162 hp (119 kW) @ 9250 rpm
Torque	96.2 lb-ft (130.5 Nm) @ 8000 rpm	96.2 lb-ft (130.5 Nm) @ 8000 rpm
Fuel injection	Mitsubishi electronic fuel injection system. Mikuni elliptical throttle bodies with RbW.	Mitsubishi electronic fuel injection system. Mikuni elliptical throttle bodies with RbW.
Exhaust	Lightweight 2-1-2 system with catalytic converter and two lambda probes. Twin aluminium mufflers	Lightweight 2-1-2 system with catalytic converter and two lambda probes. Twin aluminium mufflers
Emissions	Standard Euro 4 Emissions CO2 =133 g/km Consumptions 5.7 l/100 km	Standard Euro 4 Emissions CO2 =133 g/km Consumptions 5.7 l/100 km
Transmission		
Gearbox	6 speed	6 speed
Ratio	1=37/15 2=30/17 3=27/20 4=24/22 5=23/24 6=22/25	1=37/15 2=30/17 3=27/20 4=24/22 5=23/24 6=22/25
Primary drive	Straight cut gears, ratio 1.84:1	Straight cut gears, ratio 1.84:1
Final drive	Front sprocket 15; Rear sprocket 43	Front sprocket 15; Rear sprocket 43
Clutch	Light action, wet, multiplate clutch with hydraulic control. Self-servo action on drive, slipper action on over-run.	Light action, wet, multiplate clutch with hydraulic control. Self-servo action on drive, slipper action on over-run.
Chassis		
Frame	Tubular steel Trellis frame	Tubular steel Trellis frame
Wheelbase	1590 mm (62.6 in)	1590 mm (62.6 in)
Rake	28°	28°
Steering angle (total)	70°	70°
Front suspension	Marzocchi DLC coated 50 mm fully adjustable usd forks	Marzocchi DLC coated 50 mm fully adjustable usd forks
Front wheel travel	120 mm (4.7 in)	120 mm (4.7 in)
Front wheel	14-spoke in light alloy 3.50 x 17	Marchesini forged and machined 9-spoke 3.50 x 17
Front tyre	120/70 ZR 17 Pirelli Diablo Rosso II	120/70 ZR 17 Pirelli Diablo Rosso II
Rear suspension	Progressive linkage with fully adjustable Sachs monoshock. Aluminium single-sided swingarm	Progressive linkage with fully adjustable Sachs monoshock. Aluminium single-sided swingarm
Rear wheel travel	120 mm (4.7 in)	120 mm (4.7 in)
Rear wheel	14-spoke in light alloy 8.00 x 17	Marchesini forged and machined 9-spoke 8.00 x 17
Rear tyre	240/45 ZR17 Pirelli Diablo Rosso II	240/45 ZR17 Pirelli Diablo Rosso II
Front brake	2 x 320 mm semi-floating discs, radially mounted Monobloc Brembo callipers, 4-piston with ABS	2 x 320 mm semi-floating discs, radially mounted Monobloc Brembo callipers, 4-piston with ABS
Rear brake	265mm disc, 2-piston floating calliper with ABS	265mm disc, 2-piston floating calliper with ABS
Fuel tank capacity	17 l (4.5 US gal)	17 l (4.5 US gal)
Dry weight	210 kg (463lb)	205 kg (452lb)
*Wet weight	239 kg (527lb)	234 kg (516lb)
Seat height	770 mm (30.3in)	770 mm (30.3in)
Max height	1280 mm (50.4in)	1280 mm (50.4in)
Max length	2257 mm (88.9in)	2257 mm (88.9in)
Instrumentation	LCD + TFT	LCD + TFT
Ducati electronics	DTC, Hands-Free, Riding Modes, RbW	DTC, Hands-Free, Riding Modes, RbW
Warranty	2 years unlimited mileage	2 years unlimited mileage
Versions	Dual seat	Dual seat
Additional equipment		Carbon fibre: Tank panels, single-seat cover, front mudguard. Forged and machines wheels by Marchesini

*Wet weight

*Wet weight includes all fluids and fueled to at least 90% of useable tank

The power values indicated above are measured using a chassis dynamometer. Homologated power data, as quoted in the Bike Registration Document, are measured using an engine dynamometer according to the homologation regulation. The two power values may differ because of the different measurement equipments.