



# DIAVEL

## Technical specification

	<i>DUCATI DIAVEL</i>	<i>DUCATI DIAVEL CARBON</i>
<b>Engine</b>		
Type	Testastretta 11°, L-Twin cylinder, 4 valve per cylinder, Desmodromic, liquid cooled	Testastretta 11°, L-Twin cylinder, 4 valve per cylinder, Desmodromic, liquid cooled
Displacement	1198.4cc	1198.4cc
Bore x Stroke	106x67.9mm	106x67.9mm
Compression Ratio	11,5:1	11,5:1
Power	162 HP - 119.1 kw @ 9500rpm	162 HP - 119.1 kw @ 9500rpm
Torque	94lb-ft - 127,5Nm @8000rpm	94lb-ft - 127,5Nm @8000rpm
Fuel injection	Mitsubishi electronic fuel injection system, Mikuni elliptical throttle bodies	Mitsubishi electronic fuel injection system, Mikuni elliptical throttle bodies
Exhaust	Stainless steel muffler with catalytic converter and 2 lambda probes, aluminium cover, aluminium end cap	Stainless steel muffler with catalytic converter and 2 lambda probes, aluminium cover, aluminium end cap
Emissions	Euro 3	Euro 3
<b>Transmission</b>		
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	Chain 5.25"; Front sprocket 15; Rear sprocket 43	Chain 5.25"; 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.
<b>Chassis</b>		
Frame	Tubular steel Trellis frame	Tubular steel Trellis frame
Wheelbase	1590mm (62.6in)	1590mm (62.6in)
Rake	28°	28°
Steering angle	70°	70°
Front suspension	Marzocchi 50mm fully adjustable usd forks	Marzocchi DLC coated 50mm fully adjustable usd forks
Front wheel travel	120mm (4.7in)	120mm (4.7in)
Front wheel	14-spoke in light alloy 3.50 x 17	forged 9-spoke in light alloy 3.50 x 17
Front tyre	120/70 ZR 17	120/70 ZR 17
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	120mm (4.7in)	120mm (4.7in)
Rear wheel	14-spoke in light alloy 8.00 x 17	14-spoke in light alloy 8.00 x 17
Rear tyre	245/45 ZR17	245/45 ZR17
Front brake	2 x 320mm semi-floating discs, radially mounted monobloc Brembo callipers, 4-piston	2 x 320mm semi-floating discs, radially mounted monobloc Brembo callipers, 4-piston
Rear brake	265mm disc, 2-piston floating calliper	265mm disc, 2-piston floating calliper
Fuel tank capacity	17l - 5.3 gallon (US)	17l - 5.3 gallon (US)
* Dry weight	210kg (463lb)	207kg (456lb)
Seat height	770mm (30.3in)	770mm (30.3in)
Max height	1192mm (46.9in)	1192mm (46.9in)
Max length	2257mm (88.9in)	2257mm (88.9in)
Instruments	Handlebar mounted dashboard with LCD display, tank mounted dashboard with TFT color display	Handlebar mounted dashboard with LCD display, tank mounted dashboard with TFT color display
Versions	Dual seat, ABS as standard equipment	Dual seat, ABS as standard equipment