

Ducati Monster 821 (MY18)

ENGINE

TYPE	Testastretta 11°, L-Twin, 4 Desmodromically actuated valves per cylinder, Water cooled
DISPLACEMENT	821 cc (50.1 cu in)
BORE X STROKE	88 x 67.5 mm (3.46 x 2.66 in)
COMPRESSION RATIO	12.8:1
POWER*	80 kW (109 hp) @ 9,250 rpm
TORQUE*	86 Nm (8.8 kgm / 63 lb-ft) @ 7,750 rpm
FUEL INJECTION	Electronic fuel injection system, Ø 53 mm throttle bodies, Full Ride-by-Wire
EXHAUST	2-1-2 system, two lambda probes, stainless steel muffler with aluminium end cap

TRANSMISSION

GEARBOX	6 speed
PRIMARY DRIVE	Straight cut gears, Ratio 1.85:1
RATIO	1=37/15, 2=30/17, 3=28/20, 4=26/22, 5=24/23, 6=23/24
FINAL DRIVE	Chain drive, Front sprocket Z15, Rear sprocket Z46
CLUTCH	Slipper and self-servo wet multiplate clutch with mechanical control

CHASSIS

FRAME	Tubular steel trellis frame linked to cylinder heads
FRONT SUSPENSION	Ø 43 mm usd fork
FRONT WHEEL	10-spoke light alloy, 3.5" x 17"
FRONT TYRE	120/70 ZR 17 Pirelli Diablo Rosso III
REAR SUSPENSION	Progressive linkage with adjustable monoshock, Aluminium double-sided swingarm
REAR WHEEL	10-spoke light alloy, 5.5" x 17"
REAR TYRE	180/55 ZR17 Pirelli Diablo Rosso III
WHEEL TRAVEL (FRONT/REAR)	130 mm /140 mm (5.12 in / 5.51 in)
FRONT BRAKE	2 x Ø 320 mm semi-floating discs, radially mounted monobloc Brembo M4-32 callipers, 4-piston, axial pump with Bosch ABS as standard equipment
REAR BRAKE	Ø 245 mm disc, 2-piston calliper with Bosch ABS as standard equipment
INSTRUMENTATION	TFT colour display

DIMENSIONS AND WEIGHT

DRY WEIGHT	180,5 kg (398 lb)
WET WEIGHT (KERB)	206 kg (454 lb)
WET WEIGHT (NO FUEL)	195 kg (430 lb)
SEAT HEIGHT	Adjustable 785 mm - 810 mm (30.91 in - 31.89 in)
WHEELBASE	1,480 mm (58.27 in)
RAKE	24,3°
TRAIL	93.2 mm (3.67 in)
FUEL TANK CAPACITY	16.5 l (4.36 US gal)
NUMBER OF SEATS	2

STANDARD EQUIPMENT

Riding Modes, Power Modes, Ducati Safety Pack (Bosch ABS + Ducati Traction Control DTC), Ride-by-Wire, TFT colour display, Passenger seat cover.
Up&down Quickshift (DQS), Anti-theft system, Ducati Data Analyzer (DDA) ready.

Warranty

Warranty	24 months, Unlimited mileage
Maintenance service intervals	15,000 km (9,000 mi) / 12 months
Valve clearance check	30,000 km (18,000 mi)

EMISSIONS E CONSUMPTION**

Standard	Euro 4
CO ₂ emissions	125 g/km
Consumption	5.4 l/100 km

* The power/torque values indicated are measured using an engine dynamometer according to homologation regulation and they correspond to the homologated data, as quoted in the Bike Registration Document.

** Only for countries where Euro 4 standard applies.