

TECHNICAL DATA



1090^R
ADVENTURE

ENGINE

ENGINE TYPE	2-cylinder, 4-stroke, V 75°
DISPLACEMENT	1,050 cc
BORE/STROKE	103/63 mm
POWER	92 kW (125 hp) @ 8,500 rpm
TORQUE	109 Nm @ 6,500 rpm
COMPRESSION RATIO	13.0:1
STARTER/BATTERY	Electric starter/12V 11.2 Ah
TRANSMISSION	6 gears
FUEL SYSTEM	Keihin EFI (throttle body 52 mm)
CONTROL	4 V/DOHC
LUBRICATION	Pressure lubrication with 3 Eaton pumps
ENGINE OIL	Motorex, SAE 10W-50
PRIMARY DRIVE	40:76
FINAL DRIVE	17:42
COOLING	Liquid cooling
CLUTCH	PASC™ slipper clutch, hydraulically operated
ENGINE MANAGEMENT/IGNITION	Keihin EMS with RBW, double ignition
TRACTION CONTROL	TC (4-Mode, disengageable, incl. Offroad mode)

CHASSIS

FRAME	Chromium-molybdenum trellis frame, powder coated
SUBFRAME	Aluminum, powder coated
HANDLEBAR	Aluminum, tapered, Ø 28/22 mm
FRONT SUSPENSION	WP-USD Ø 48 mm
REAR SUSPENSION	WP shock absorber
SUSPENSION TRAVEL FRONT/REAR	220/220 mm
FRONT BRAKE	2 x Brembo four piston, radially mounted caliper, brake disc Ø 320 mm
REAR BRAKE	Brembo two piston, fixed caliper, brake disc Ø 267 mm
ABS	Bosch 9M+ Two Channel (disengageable, incl. Offroad mode)
WHEELS FRONT/REAR	Spoked wheels with aluminum tubeless rims 2.50 x 21"; 4.50 x 18"
TIRES FRONT/REAR	90/90 21; 150/70 18
CHAIN	X-Ring 5/8 x 5/16"
SILENCER	Stainless steel silencer with regulated catalytic converter
STEERING HEAD ANGLE	64°
TRAIL	123 mm
WHEEL BASE	1,580 ± 15 mm
GROUND CLEARANCE	250 mm
SEAT HEIGHT	890 mm
FUEL TANK CAPACITY	approx. 23 liters/3.5 liters reserve
DRY WEIGHT	approx. 207 kg