



SX 125 AND RX 125 - TECHNICAL DATA SHEET

ENGINE TYPE	Single-cylinder, 4-stroke, 4-valve, DOHC, liquid cooling
BORE AND STROKE	58 x 47 mm
TOTAL ENGINE CAPACITY	124.2 cc
COMPRESSION RATIO	12.0~12.6 : 1
MAX POWER	11 kW at 10,000 rpm
MAXIMUM TORQUE AT CRANKSHAFT	11.2 Nm at 8,000 rpm
IGNITION	ECU Electronics Magneti Marelli MIUG4 ø 32 mm
STARTING	Electrical
LUBRICATION	Wet sump
TRANSMISSION	6 speed, drive ratio: 1st 11/33 2nd 15/30 3rd 18/27 4th 20/24 5th 25/27 6th 23/22
CLUTCH	Multi plate wet clutch
PRIMARY DRIVE	Straight cut gears, drive ratio: 29/69
FINAL DRIVE	Chain, drive ratio: SX: 13/62 RX: 13/69
CHASSIS	Twin-tube steel frame
FRONT SUSPENSION	Upside down fork with Ø 41 mm stanchions, 240 mm excursion
REAR SUSPENSION	Steel swingarm, monoshock with progressive link system, wheel travel 210 mm
BRAKES	SX: Front: Ø 300 mm stainless steel disc with floating calliper Rear: Ø 220 mm stainless steel disc with floating calliper RX Front: Ø 260 mm disc with floating calliper Rear: Ø 220 mm disc with floating calliper Metal-braided connecting hoses.
WHEELS	SX: Front: 2.5 X 17" rear: 3.5 X 17" RX : Front: 1.85 X 21" rear: 2.15 X 18"
TYRES	SX: Front: 100/80 – 17" rear 130/70 -17" RX : Front: 90/90 – 21" rear 120/80 -18"
DIMENSIONS	Max. length: 2075 mm (RX 2145 mm) Max. width: 820 mm Wheelbase: 1425 mm (1430 mm) Max. height: 1140 mm (RX 1180 mm) Saddle height: 880 mm (RX 905 mm)
WEIGHT	134 Kg (kerb weight with full fuel tank)
CONSUMPTION (WMTC CYCLE)	2.6 l/100 km
CO2 EMISSIONS (WMTC CYCLE)	60 g/km
FUEL TANK CAPACITY	7 litres
HOMOLOGATION	Euro 5