



## SX 125 AND RX 125 - TECHNICAL DATA SHEET

<b>ENGINE TYPE</b>	Single-cylinder, 4-stroke, 4-valve, DOHC, liquid cooling
<b>BORE AND STROKE</b>	58 x 47 mm
<b>TOTAL ENGINE CAPACITY</b>	124.2 cc
<b>COMPRESSION RATIO</b>	12.0~12.6 : 1
<b>MAX POWER</b>	11 kW at 10,000 rpm
<b>MAXIMUM TORQUE AT CRANKSHAFT</b>	11.2 Nm at 8,000 rpm
<b>IGNITION</b>	ECU Electronics Magneti Marelli MIUG4 ø 32 mm
<b>STARTING</b>	Electrical
<b>LUBRICATION</b>	Wet sump
<b>TRANSMISSION</b>	6 speed, drive ratio: 1st 11/33 2nd 15/30 3rd 18/27 4th 20/24 5th 25/27 6th 23/22
<b>CLUTCH</b>	Multi plate wet clutch
<b>PRIMARY DRIVE</b>	Straight cut gears, drive ratio: 29/69
<b>FINAL DRIVE</b>	Chain, drive ratio: SX: 13/62 RX: 13/69
<b>CHASSIS</b>	Twin-tube steel frame
<b>FRONT SUSPENSION</b>	Upside down fork with Ø 41 mm stanchions, 240 mm excursion
<b>REAR SUSPENSION</b>	Steel swingarm, monoshock with progressive link system, wheel travel 210 mm
<b>BRAKES</b>	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.
<b>WHEELS</b>	SX: Front: 2.5 X 17" rear: 3.5 X 17" RX : Front: 1.85 X 21" rear: 2.15 X 18"
<b>TYRES</b>	SX: Front: 100/80 – 17" rear 130/70 -17" RX : Front: 90/90 – 21" rear 120/80 -18"
<b>DIMENSIONS</b>	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)
<b>WEIGHT</b>	134 Kg (kerb weight with full fuel tank)
<b>CONSUMPTION (WMTC CYCLE)</b>	108.58 MPG
<b>CO2 EMISSIONS (WMTC CYCLE)</b>	60 g/km
<b>FUEL TANK CAPACITY</b>	7 litres