

KX85



SPECS

POWER

Engine	2-stroke Single with KIPS
Displacement	84 cc
Bore x Stroke	48.5 x 45.8 mm
Compression Ratio	10.9:1 (low speed), 9.0:1 (high speed)
Induction	Piston reed valve
Fuel System	Carburettor: Keihin PWK28
Ignition	Digital-CDI
Starting	Primary kick
Cooling	Liquid-cooled
Lubrication	Pre-mix (32:1)
Transmission	6-speed, return
Primary Reduction Ratio	3.400 (68/20)
Gear Ratio: 1st	2.538 (33/13)
Gear Ratio: 2nd	1.875 (30/16)
Gear Ratio: 3rd	1.500 (27/18)
Gear Ratio: 4th	1.250 (25/20)
Gear Ratio: 5th	1.090 (24/22)
Gear Ratio: 6th	0.956 (22/23)
Final Reduction Ratio	3.643 (51/14)
Clutch	Wet multi-disc, manual
Final Drive	Chain

PERFORMANCE

Frame	Perimeter, high-tensile steel
Front Suspension	ø43 mm inverted fork with adjustable compression and rebound damping
Rear Suspension	Uni Trak, single shock with adjustable dual-range (high/low-speed) compression damping, adjustable rebound damping and adjustable spring preload
Front Wheel Travel	275 mm
Rear Wheel Travel	275 mm
Rake	29.2°
Trail	103 mm
Steering Angle (L/R)	39° / 39°
Front Tyre	70/100-17 40M
Rear Tyre	90/100-14 49M
Front Brake/s	ø240 mm petal disc
	Dual-piston

Front Caliper/s	
Rear Brake	ø220 mm petal disc
Rear Caliper	Single-piston

DETAILS

Dimensions (LxWxH)	1,835 x 800 x 1,115 mm
Wheelbase	1,265 mm
Road Clearance	295 mm
Seat Height	830 mm
Curb Weight*	76.4 kg
Weight without Fuel	72.7 kg
Fuel Capacity	5.0 litres
Model Code	KX85ETFNN

TECHNOLOGY



ERGO-FIT