

2006 Technical Specification

WR450F

ENGINE

Type	4-stroke, liquid-cooled, DOHC, 5 titanium valves
Displacement	449 cc
Bore and stroke	95 x 63.4 mm
Compression ratio	12.3 : 1
Max. power	NA
Max. torque	NA
Lubrication	Dry sump
Carburettor	Keihin FCR39H
Clutch type	Wet, multiple-disc
Ignition	CDI
Starter system	Kick and electric
Transmission	Constant mesh, 5-speed
Final transmission	Chain
Primary reduction ratio	62/22 (2.818)
Secondary reduction ratio	50/14 (3.571)
Gear ratio:	
Gear ratio 1	29/12 (2.417)
Gear ratio 2	26/15 (1.733)
Gear ratio 3	21/16 (1.313)
Gear ratio 4	21/20 (1.050)
Gear ratio 5	21/25 (0.840)
Gear ratio 6	-

CHASSIS

Frame	Semi-double cradle
Front suspension	Upside-down telescopic fork
Front wheel travel	300 mm
Rear suspension	Swing arm (Link-type Monocross)
Rear wheel travel	305 mm
Caster angle	27.3°
Trail	119 mm
Front brake	Single disc, Ø 250 mm
Rear brake	Single disc, Ø 245 mm
Front tyre	90/90-21 54R
Rear tyre	130/90-18 69R

DIMENSIONS

Overall length	2,195 mm
Overall width	830 mm
Overall height	1,295 mm
Seat height	990 mm
Wheelbase	1,490 mm
Min. ground clearance	370 mm
Dry weight	113 kg
Fuel tank capacity	8.0 litres
Oil tank capacity	1.2 litre

Specification are subject to change without notice, in accordance with national regulation and legislations