



Pian dell'Isola, 72 - 50067 Rignano sull'Arno - FI - Italy
Tel. +39.055.83.48.741 Fax +39.055.83.48.984
www.betamotor.com info@betamotor.com

RR 250M 4-STROKE

TECHNICAL DATA

CHASSIS

| | |
|-------------------------|---|
| Frame | Molybdenum steel with double cradle split above the exhaust port |
| Wheelbase | 1490 mm |
| Max length | 2270 mm |
| Max width | 813 mm |
| Max height | 1255 mm |
| Seat height | 940 mm |
| Ground clearance | 320 mm |
| Footrest height | 405 mm |
| Dry weight | 117 kg (front 54 kg: rear 63 kg) |
| Fuel tank capacity | 8.5 l. |
| Reserve | 1l. |
| Cooling system capacity | 1.3 l. |
| Front suspension | Hydraulic USD fork with \varnothing 45 mm shaft |
| Rear suspension | Monoshock with progressive compound lever |
| Shock absorber stroke | 105 mm |
| Front wheel travel | 290 mm |
| Rear wheel travel | 300 mm |
| Front brake | Floating disc \varnothing 255 mm and double-piston floating caliper |
| Rear brake | Disc \varnothing 240 mm and single-piston floating caliper |
| Front rim | 21 - 1.6 - 36 holes |
| Rear rim | 18 - 2.15 - 36 holes |
| Front tyre | 90 / 90 - 21 |
| Rear tyre | 140 / 80 -18 |

ENGINE

| | |
|--------------------|--|
| Type | Single cylinder, 4-stroke, liquid-cooled with countershaft and electric starting |
| Bore | 75 mm |
| Stroke | 56.5 mm |
| Displacement | 250cc |
| Compression ratio | 12/1 |
| Ignition | DC-CDI without trembler with variable ignition timing, Kokusan type |
| Spark plug | NGK DCPR 8 E |
| Lubrication | 2 oil pumps |
| Fuel system | carburettor |
| Carburettor | Keihin FCR-MX 37 |
| Clutch | wet multi-disc clutch |
| Primary drive | straight toothing 33/76 |
| Transmission | 6 gears - front claw clutch |
| Final transmission | chain |
| Engine oil | synthetic oil (Shell Advance Ultra 4 SAE 10W40) |