



**TECHNICAL DATA**  
**80 Junior**

**EVO**

**CHASSIS**

|                         |   |
|-------------------------|---|
| Frame                   | Steel   |
| Wheel base              | 1210 mm   |
| Max length              | 1850 mm   |
| Max width               | 720 mm  |
| Max height              | 1070 mm   |
| Seat height             | 620 mm  |
| Ground clearance        | 300 mm  |
| Footrest height         | 330 mm  |
| Fuel tank capacity      | 2,5 l.  |
| Reserve                 | 0,5 l.  |
| Cooling system capacity | 600 cc  |
| Front suspension        | Hydraulic fork with $\varnothing$ 33 mm shaft         |
| Rear suspension         | Monoshock with adjustable spring preload              |
| Shock absorber stroke   | 34 mm   |
| Front wheel travel      | 160 mm  |
| Rear wheel travel       | 146 mm  |
| Front brake             | inox disc $\varnothing$ 175 mm with 2 opposed pistons |
| Rear brake              | inox disc $\varnothing$ 150 mm with 2 opposed pistons |
| Front rim               | 19 x 1,4 - 36 holes                                   |
| Rear rim                | 17 x 1,6 - 36 holes                                   |
| Front tyre              | 2,50 - 19   |
| Rear tyre               | 3,50 - 17   |

**ENGINE**

**BETA**

|                       |   |
|-----------------------|---|
| Type                  | Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase |
| Bore                  | 48 mm   |
| Stroke                | 40,8 mm   |
| Displacement          | 79,6 cc   |
| Compression ratio     | 14,7:1  |
| Ignition              | AET   |
| Spark plug            | Champion RN3C   |
| Lubrication           | mix with fuel 1,5 % (synthetic oil)   |
| Feeding               | with carburettor  |
| Carburettor           | Dell'Orto PHBG 21   |
| Clutch                | Wet multi-disc clutch   |
| Primary trasmission   | Z. 20/77  |
| Transmission          | 6 speed   |
| Secondary trasmission | Z. 11/54  |
| Engine oil            | SAE 20W/30 (300cc)  |