

TECHNICAL DATA
EVO 80 Junior

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
Dry weight	60 kg
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)