

# TECHNICAL SPECS

# BETA RR 200 MY 2022

## Engine

Type	Liquid cooled one cylinder twostroke engine with membrane inlet, variable exhaust control, electrostarter
Bore/stroke	62 mm / 63 mm
Displacement	190,2 cc (11,61 cui)
Maximum power map cloud*	23,7 kW (32,2 PS / 31,7 hp) at 9.489/min
Maximum power map sun*	26 kW (35,4 PS/ 34,9 hp) at 9.009/min
Registered power	8,1 kW (11 PS/ 10,8 hp) bei 6500/min
Maximum torque map cloud*	24,7 Nm bei 8.989/min
Maximum torque map sun*	29.6 Nm bei 7.509/min
Piston speed at nominal speed	19,9 m/s (map cloud) 18.9 m/s (map sun)
Fuel supply	Keihin PWK flat side carburettor Ø 36 mm (0,039 in)

## Elektric

Ignition	Kokusan AC-CDI
Generator	Not listed
Battery	12 V / 4 Ah

## Power transmission

Primary transmission	Straight geared 3,17
Clutch	Multidisc clutch in oil bath, hydraulic activated
Transmission	Six gear, ratio 2,75; 2,06; 1,65; 1,37; 1,19; 1,00
Secondary ratio	Open working chain 3,5 (49:14)

## Chassis

Frame	Closed tubular steel frame and attached aluminium composite subframe
Front suspension	ZF upsidedown fork with open cartridge technology, rod Ø 48mm; rebound, compression and spring rate adjustable
Rear suspension	Aluminium swingarm with progressive linkage and ZF shock; compression (high and low speed) and rebound adjustable
Travel front/rear	300 mm (11,8 in) / 295 mm (11,6 in)
Wheelbase	1490 mm (58,6 in)
Steering head angle	Not listed
Trail	Not listed
Wheels	Spoke wheels with Excel aluminium rims
Brakes front/rear	Nissin double piston- / -single piston disc brakes
Wheels front/rear	90/90 R21 / 140/80 R18

## Capacities

Gearbox	0,69 l (0,18 gal)
Fork (each rod)	515 cm <sup>3</sup> (0,13 gal)
Fuel tank	9,5 l (2.5 gal), of it 2,3 l (0,6 gal) reserve

## Weight

Ready to race with all fuels**	110 kg (242,5 lbs)
Maximum permissible overall weight	286 kg (630,5 lbs)
Load capacity	176 kg (388 lbs)

## Manufacturer / distributor

Betamotor S.p.A.  
IT-50067 Florenz, [www.betamotor.com](http://www.betamotor.com)

## Warranty

6 month warranty, 18 month accomodation

## Price

8.290 Euro plus additional costs

\*measured, \*\*weighted