



Pian dell'Isola, 72 - 50067 Rignano sull'Arno - FI - Italy
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www.betamotor.com info@betamotor.com

REV-3 200

TECHNICAL DATA

CHASSIS

Frame	Double wave aluminium beam
Wheel base	1310 mm
Max length	1990 mm
Max width	850 mm
Max height	1120 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	360 mm
Dry weight	71 kg
Fuel tank capacity	3,2 l.
Reserve	1,0 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic fork with ø38 mm shaft
Rear suspension	Hydraulic monoshock
Shock absorber stroke	51 mm
Front wheel travel	165 mm
Rear wheel travel	175 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø165 mm with 2 piston caliper
Front rim	21 - 1,6 - 32 holes
Rear rim	18 - 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

BETA

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar duct in the cylinder
Bore	64,0 mm
Stroke	64,0 mm
Displacement	195cc
Compression ratio	11,8:1
Ignition	Electronic AET 12V - 85W
Spark plug	champion N7YCC
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Mikuni VM26/208
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 24/81
Transmission	6 speed
Secondary trasmission	Z. 13/42
Engine oil	SAE 20/30 (550 cc)



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REV-3 250

TECHNICAL DATA

CHASSIS

Frame	Double wave aluminium beam
Wheel base	1310 mm
Max length	1990 mm
Max width	850 mm
Max height	1120 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	360 mm
Dry weight	72 kg
Fuel tank capacity	3,2 l.
Reserve	1,0 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic fork with ø38 mm shaft
Rear suspension	Monoshock
Shock absorber stroke	51 mm
Front wheel travel	165 mm
Rear wheel travel	175 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø165 mm with 2 piston caliper
Front rim	21 - 1,6 - 32 holes
Rear rim	18 - 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

BETA

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar duction in the crankcase
Bore	72,5 mm
Stroke	60,5 mm
Displacement	249,6cc
Compression ratio	11,4:1
Ignition	Electronic AET 12V - 85W
Spark plug	Champion N7YCC
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Mikuni VM26/208
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 20/71
Transmission	6 speed
Secondary trasmission	Z. 11/41
Engine oil	SAE 20/30 (550cc)



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REV-3 270

TECHNICAL DATA

CHASSIS

Frame	Double wave aluminium beam
Wheel base	1310 mm
Max length	1990 mm
Max width	850 mm
Max height	1120 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	360 mm
Dry weight	72 kg
Fuel tank capacity	3,2 l.
Reserve	1,0 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic fork with ø38 mm shaft
Rear suspension	Monoshock
Shock absorber stroke	51 mm
Front wheel travel	165 mm
Rear wheel travel	175 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø165 mm with 2 piston caliper
Front rim	21 - 1,6 - 32 holes
Rear rim	18 - 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

BETA

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar duction in the crankcase
Bore	76 mm
Stroke	60,5 mm
Displacement	274,5cc
Compression ratio	10,8:1
Ignition	Electronic AET 12V - 85W
Spark plug	Champion N7YCC
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Mikuni VM26/208
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 20/71
Transmission	6 speed
Secondary trasmission	Z. 11/41
Engine oil	SAE 20/30 (550 cc)



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REV-3 125

TECHNICAL DATA

CHASSIS

Frame	Double wave aluminium beam
Wheel base	1310 mm
Max length	1990 mm
Max width	850 mm
Max height	1120 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	360 mm
Dry weight	72 kg
Fuel tank capacity	3,2 l.
Reserve	1,0 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic fork with ø38 mm shaft
Rear suspension	Hydraulic monoshock
Shock absorber stroke	51 mm
Front wheel travel	165 mm
Rear wheel travel	175 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø165 mm with 2 piston caliper
Front rim	21 - 1,6 - 32 holes
Rear rim	18 - 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

BETA

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar duct in the cylinder
Bore	54,0 mm
Stroke	54,0 mm
Displacement	124cc
Compression ratio	14:1
Ignition	Electronic AET 12V - 85W
Spark plug	champion N7YCC
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Mikuni VM26/208
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 24/81
Transmission	6 speed
Secondary trasmission	Z. 11/55
Engine oil	SAE 20/30 (550 cc)