



TECHNICAL DATA	
EVO 2T	
125cc	
CHASSIS	
Frame	Single wave aluminium beam
Wheel base	1305 mm
Max length	1990 mm
Max width	850 mm
Max height	1115 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	348 mm
Net Weight	65 kg (32.5 front.-32.5 Rear)
Fuel tank capacity	2,8 l.
Reserve	0,5 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic fork with ø38 mm shaft adjustable in compression and rebound
Rear suspension	Hydraulic monoshock adjustable in compression and rebound
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø160 mm with 2 piston caliper
Front rim	21 x 1,6 - 32 holes
Rear rim	18 x 2,15 - 32 holes
Front tyre	2,75 - 21 Michelin X-Light
Rear tyre	4.00 R 18 Michelin X-Light
ENGINE BETA	
Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	54,0 mm
Stroke	54,5 mm
Displacement	124,8cc
Compression ratio	15,9:1
Crankcase	magnesium
Exhaust manifold	Titanium
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Keihin PWK ø 28mm
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 20/71
Transmission	6 speed
Secondary trasmission	chain
Engine oil	SAE 10W/30 (550 cc)
for euro 4 version Fuel consumption l/100 km	2,6
for euro 4 version Emissions Co2 [g/km]	60



TECHNICAL DATA		EVO 2T 300cc
CHASSIS		
Frame	Single wave aluminium beam	
Wheel base	1305 mm	
Max length	1990 mm	
Max width	850 mm	
Max height	1115 mm	
Seat height	660 mm	
Ground clearance	310 mm	
Footrest height	348 mm	
Net Weight	66 kg (33 front.-33 Rear)	
Fuel tank capacity	2,8 l.	
Reserve	0,5 l.	
Cooling system capacity	600 cc	
Front suspension	Hydraulic fork with ø38 mm shaft adjustable in compression and rebound	
Rear suspension	Hydraulic monoshock adjustable in compression and rebound	
Shock absorber stroke	62 mm	
Front wheel travel	165 mm	
Rear wheel travel	180 mm	
Front brake	disc ø185 mm with 4 piston caliper	
Rear brake	disc ø160 mm with 2 piston caliper	
Front rim	21 x 1,6 - 32 holes	
Rear rim	18 x 2,15 - 32 holes	
Front tyre	2,75 - 21 Michelin X-Light	
Rear tyre	4.00 R 18 Michelin X-Light	
ENGINE BETA		
Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase	
Bore	79,0 mm	
Stroke	60,5 mm	
Displacement	296,5cc	
Compression ratio	10,5:1	
Crankcase	magnesium	
Exhaust manifold	Titanium	
Ignition	Electronic Hidria 12V - 110W	
Spark plug	NGK GR7CI8	
Lubrication	mix with fuel 1,5 % (synthetic oil)	
Feeding	with carburettor	
Carburettor	Keihin PWK ø 28mm	
Spark advance	Variable	
Clutch	Wet multi-disc clutch with cush-drive rubber	
Primary trasmission	Z. 22/69	
Transmission	6 speed	
Secondary trasmission	chain	
Engine oil	SAE 10W/30 (550 cc)	
for euro 4 version Fuel consumption l/100 km	2,8	
for euro 4 version Emissions Co2 [g/km]	66	



TECHNICAL DATA		EVO 2T
250cc		
CHASSIS		
Frame	Single wave aluminium beam	
Wheel base	1305 mm	
Max length	1990 mm	
Max width	850 mm	
Max height	1115 mm	
Seat height	660 mm	
Ground clearance	310 mm	
Footrest height	348 mm	
Net Weight	66 kg (33 front.-33 Rear)	
Fuel tank capacity	2,8 l.	
Reserve	0,5 l.	
Cooling system capacity	600 cc	
Front suspension	Hydraulic fork with ø38 mm shaft adjustable in compression and rebound	
Rear suspension	Hydraulic monoshock adjustable in compression and rebound	
Shock absorber stroke	62 mm	
Front wheel travel	165 mm	
Rear wheel travel	180 mm	
Front brake	disc ø185 mm with 4 piston caliper	
Rear brake	disc ø160 mm with 2 piston caliper	
Front rim	21 x 1,6 - 32 holes	
Rear rim	18 x 2,15 - 32 holes	
Front tyre	2,75 - 21 Michelin X-Light	
Rear tyre	4.00 R 18 Michelin X-Light	
ENGINE BETA		
Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase	
Bore	72,5 mm	
Stroke	60,5 mm	
Displacement	249,7cc	
Compression ratio	9,0:1	
Crankcase	magnesium	
Exhaust manifold	Titanium	
Ignition	Electronic Hidria 12V - 110W	
Spark plug	NGK GR7Ci8	
Lubrication	mix with fuel 1,5 % (synthetic oil)	
Feeding	with carburettor	
Carburettor	Keihin PWK ø 28mm	
Spark advance	Variable	
Clutch	Wet multi-disc clutch with cush-drive rubber	
Primary trasmission	Z. 22/69	
Transmission	6 speed	
Secondary trasmission	chain	
Engine oil	SAE 10W/30 (550 cc)	
for euro 4 version Fuel consumption l/100 km	2,9	
for euro 4 version Emissions Co2 [g/km]	68	