



**TECHNICAL DATA  
RACING ENDURO**

**RR 350**

<b>CHASSIS</b>	
Frame	Molybdenum steel with double cradle split above the exhaust port
Wheelbase	1490 mm
Max length	2180 mm
Max width	807 mm
Max height	1270 mm
Seat height	940 mm
Ground clearance	320 mm
Footrest height	413 mm
Dry weight	111,5 kg (front 54,5 kg; rear 57 kg)
Fuel tank capacity	8,0 l.
Reserve	2,0l.
Cooling system capacity	1,4 l.
Front suspension	Hydraulic USD close cartirdge fork with ø 48 mm shaft
Rear suspension	Monoshock with progressive compound lever
Shock absorber stroke	135 mm
Front wheel travel	295 mm
Rear wheel travel	290 mm
Front brake	Wave disc ø260 mm and double-piston floating caliper
Rear brake	Wave disc ø240 mm and single-piston floating caliper
Front rim	21 x 1,6 - 36 holes
Rear rim	18 x 2,15 - 36 holes
Front tyre	90/90 - 21
Rear tyre	140/80 -18
<b>ENGINE</b>	
Type	Single cylinder, 4-stroke, liquid-cooled
Bore	88 mm
Stroke	57,4 mm
Displacement	349,1 cc
Compression ratio	13,19:1
Valve train	DOHC finger follower / 4 titanium valve
Starter	Kick- and electric starter
ACG	Kokusan
Spark plug	NGK LKAR 8A-9
Lubrication	2 oil pumps
Fuel system	Synerject electronic injection
Throttle body	ø 42 mm - Synerject
Clutch	wet multi-disc clutch
Primary drive	Z. 28/76
Transmission	6 gears
Final transmission	chain
Engine oil	SAE 10W/50 0,8 l. + SAE 10W/40 0,8 l.
for euro 4 version Consumption l/100 km	3,658
for euro 4 version Emissions Co2 [g/km]	88,5



**TECHNICAL DATA  
RACING ENDURO**

**RR 390**

<b>CHASSIS</b>	
Frame	Molybdenum steel with double cradle split above the exhaust port
Wheelbase	1490 mm
Max length	2180 mm
Max width	807 mm
Max height	1270 mm
Seat height	940 mm
Ground clearance	320 mm
Footrest height	413 mm
Dry weight	111,5 kg (front 54,5 kg; rear 57 kg)
Fuel tank capacity	8,0 l.
Reserve	2,0l.
Cooling system capacity	1,4 l.
Front suspension	Hydraulic USD close cartirdge fork with $\varnothing$ 48 mm shaft
Rear suspension	Monoshock with progressive compound lever
Shock absorber stroke	135 mm
Front wheel travel	295 mm
Rear wheel travel	290 mm
Front brake	Wave disc $\varnothing$ 260 mm and double-piston floating caliper
Rear brake	Wave disc $\varnothing$ 240 mm and single-piston floating caliper
Front rim	21 x 1,6 - 36 holes
Rear rim	18 x 2,15 - 36 holes
Front tyre	90/90 - 21
Rear tyre	140/80 -18
<b>ENGINE</b>	
Type	Single cylinder, 4-stroke, liquid-cooled
Bore	88 mm
Stroke	63,4 mm
Displacement	385,6 cc
Compression ratio	12,48:1
Valve train	DOHC finger follower / 4 titanium valve
Starter	Kick- and electric starter
ACG	Kokusan
Spark plug	NGK LKAR 8A-9
Lubrication	2 oil pumps
Fuel system	Synerject electronic injection
Throttle body	$\varnothing$ 42 mm - Synerject
Clutch	wet multi-disc clutch
Primary drive	Z. 28/76
Transmission	6 gears
Final transmission	chain
Engine oil	SAE 10W/50 0,8 l. + SAE 10W/40 0,8 l.
for euro 4 version Consumption l/100 km	3,966
for euro 4 version Emissions Co2 [g/km]	96



**TECHNICAL DATA  
ENDURO**

**RR 430 RACING**

<b>CHASSIS</b>	
Frame	Molybdenum steel with double cradle split above the exhaust port
Wheelbase	1490 mm
Max length	2180 mm
Max width	807 mm
Max height	1270 mm
Seat height	940 mm
Ground clearance	320 mm
Footrest height	413 mm
Dry weight	112,5 kg (front 54,5 kg; rear 58,0 kg)
Fuel tank capacity	8,0 l.
Reserve	2,0l.
Cooling system capacity	1,3 l.
Front suspension	Hydraulic USD close cartiridge fork with ø 48 mm shaft
Rear suspension	Monoshock with progressive compound lever
Shock absorber stroke	135 mm
Front wheel travel	295 mm
Rear wheel travel	290 mm
Front brake	Wave disc ø260 mm and double-piston floating caliper
Rear brake	wave disc ø240 mm and single-piston floating caliper
Front rim	21 x 1,6 - 36 holes
Rear rim	18 x 2,15 - 36 holes
Front tyre	90/90 - 21
Rear tyre	140/80 -18
<b>ENGINE</b>	
Type	Single cylinder, 4-stroke, liquid-cooled
Bore	95 mm
Stroke	60,8 mm
Displacement	430,9
Compression ratio	12,33:1
Valve train	DOHC finger follower / 4 valve, intake titanium, exhaust steel
Starter	Kick- and electric starter
ACG	Kokusan
Spark plug	NGK LKAR 8A-9
Lubrication	2 oil pumps
Fuel system	Synerject electronic injection
Throttle body	ø 42 mm - Synerject
Clutch	wet multi-disc clutch
Primary drive	Z. 31/73
Transmission	6 gears
Final transmission	chain
Engine oil	SAE 10W/50 0,8 l. + SAE 10W/40 0,8 l.
for euro 4 version Consumption l/100 km	3,887
for euro 4 version Emissions Co2 [g/km]	94



**TECHNICAL DATA  
RACING ENDURO**

**RR 480**

<b>CHASSIS</b>	
Frame	Molybdenum steel with double cradle split above the exhaust port
Wheelbase	1490 mm
Max length	2180 mm
Max width	807 mm
Max height	1270 mm
Seat height	940 mm
Ground clearance	320 mm
Footrest height	413 mm
Dry weight	112,5 kg (front 54,5 kg; rear 58,0 kg)
Fuel tank capacity	8,0 l.
Reserve	2,0l.
Cooling system capacity	1,3 l.
Front suspension	Hydraulic USD close cartirdge fork with $\varnothing$ 48 mm shaft
Rear suspension	Monoshock with progressive compound lever
Shock absorber stroke	135 mm
Front wheel travel	295 mm
Rear wheel travel	290 mm
Front brake	Wave disc $\varnothing$ 260 mm and double-piston floating caliper
Rear brake	Wave disc $\varnothing$ 240 mm and single-piston floating caliper
Front rim	21 x 1,6 - 36 holes
Rear rim	18 x 2,15 - 36 holes
Front tyre	90/90 - 21
Rear tyre	140/80 -18
<b>ENGINE</b>	
Type	Single cylinder, 4-stroke, liquid-cooled
Bore	100 mm
Stroke	60,8 mm
Displacement	477,5 cc
Compression ratio	11,86:1
Valve train	DOHC finger follower / 4 valve, intake titanium, exhaust steel
Starter	Kick- and electric starter
ACG	Kokusan
Spark plug	NGK LKAR 8A-9
Lubrication	2 oil pumps
Fuel system	Synerject electronic injection
Throttle body	$\varnothing$ 42 mm - Synerject
Clutch	wet multi-disc clutch
Primary drive	Z. 31/73
Transmission	6 gears
Final transmission	chain
Engine oil	SAE 10W/50 0,8 l. + SAE 10W/40 0,8 l.
for euro 4 version Consumption l/100 km	4,297
for euro 4 version Emissions Co2 [g/km]	104