

**TECHNICAL DATA**  
**RX 250 4Str**

**CHASSIS**

Frame	Molybdenum steel with double cradle split above the exhaust port
Wheelbase	1475 mm
Max length	2170 mm
Max width	830 mm
Max height	1270 mm
Seat height	945 mm
Ground clearance	340 mm
Footrest height	422 mm
Dry weight	101 kg (front 48 kg; rear 53 kg)
Fuel tank capacity	7,0 l.
Cooling system capacity	1,4 l.
Front suspension	Kayaba Sealed hydraulic cartridge front fork $\varnothing$ 48 mm fork tubes
Rear suspension	Kayaba Monoshock with progressive compound lever $\varnothing$ 50 mm
Shock absorber stroke	133 mm
Front wheel travel	305 mm
Rear wheel travel	300 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	19 x 2,15 - 36 holes
Front tyre	80/100 - 21
Rear tyre	100/90 -19

**ENGINE**

Type	Single cylinder, 4-stroke, liquid-cooled
Bore	78 mm
Stroke	52,3 mm
Displacement	249,3 cc
Compression ratio	14,4:1
Valve train	DOHC finger-type rocker arms / 4 valves
Starter	Electric starter
ACG	Mitsuba
Spark plug	NGK LMAR9AI-8
Lubrication	2 oil pumps
Throttle body	$\varnothing$ 46mm
Clutch	multiple disks in an oil bath
Primary drive	Z.23/72
Transmission	5 gears
Final transmission	chain
Engine oil	SAE 10W/50 1 l.

**TECHNICAL DATA**  
**RX 250 2str**

**CHASSIS**

Frame	Molybdenum steel with a split double engine cradle above the exhaust port
Wheelbase	1482 mm
Max length	2177 mm
Max width	830 mm
Max height	1260 mm
Seat height	945 mm
Ground clearance	340 mm
Footrest height	422 mm
Dry weight	100 kg (front 48 kg; rear 52 kg)
Fuel tank capacity	7,0 l.
Reserve	1,3 l.
Front suspension	Kayaba Sealed hydraulic cartridge front fork $\varnothing$ 48 mm fork tubes
Rear suspension	Kayaba Monoshock with progressive compound lever $\varnothing$ 50 mm
Shock absorber stroke	133 mm
Front wheel travel	305 mm
Rear wheel travel	300 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	19 x 2,15 - 36 holes
Front tyre	80/100 - 21
Rear tyre	110/90 -19

**ENGINE**

Type	Single cylinder, 2-stroke, liquid-cooled
Bore	66,4 mm
Stroke	72 mm
Displacement	249,3 cc
Compression ratio	14,6:1
Relief valve	BPV sytem
Starter	Electric starter
ACG	AC Kokusan – digital CDI
Spark plug	NGK BR8ECM
Lubrication	Mixing
Carburettor	Keihin PWK 38
Clutch	multi-disk wet clutch with oil bath
Primary drive	Z.27/72
Transmission	5 marce
Final transmission	chain
Gearbox oil	SAE 10W/50

**TECHNICAL DATA**  
**RX 350 2Str**

**CHASSIS**

Frame	Molybdenum steel with double cradle split above the exhaust port
Wheelbase	1482 mm
Max length	2177 mm
Max width	830 mm
Max height	1260 mm
Seat height	945 mm
Ground clearance	340 mm
Footrest height	422 mm
Dry weight	100,0 kg (front 48 kg; rear 52 kg)
Fuel tank capacity	7,0 l.
Cooling system capacity	1,3 l.
Front suspension	Kayaba Sealed hydraulic cartridge front fork $\varnothing$ 48 mm fork tubes
Rear suspension	Kayaba Monoshock with progressive compound lever $\varnothing$ 50
Shock absorber stroke	133 mm
Front wheel travel	305 mm
Rear wheel travel	300 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	19 x 2,15 - 36 holes
Front tyre	80/100 - 21
Rear tyre	110/90 -19

**ENGINE**

Type	Single cylinder, 2-stroke, liquid-cooled
Bore	78 mm
Stroke	73,6 mm
Displacement	351,7 cc
Compression ratio	12,45:1
Exhaust Valve	BPV Systsem
Starter	Electric starter
Ignition	AC Kokusan – digital CDI
Spark plug	2x MR7CI8
Induction system	induction reed
Lubrication	Mixing
Carburettor	Keihin PWK 38
Clutch	wet multi-disc clutch
Primary drive	Z.27/72
Transmission	5 gears
Final transmission	chain
Engine oil	SAE 10W/50

**TECHNICAL DATA**  
**RX 450 4str**

**CHASSIS**

Frame	Molybdenum steel with a split double engine cradle above the exhaust port
Wheelbase	1475 mm
Max length	2170 mm
Max width	830 mm
Max height	1270 mm
Seat height	945 mm
Ground clearance	335 mm
Footrest height	422 mm
Dry weight	104,5 kg (front 51,4 kg; rear 53,1 kg)
Fuel tank capacity	7,0 l.
Reserve	1,4 l.
Front suspension	Kayaba Sealed hydraulic cartridge front fork $\varnothing$ 48 mm fork tubes
Rear suspension	Kayaba Monoshock with progressive compound lever $\varnothing$ 50 mm
Shock absorber stroke	133 mm
Front wheel travel	305 mm
Rear wheel travel	300 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	19 x 2,15 - 36 holes
Front tyre	80/100 - 21
Rear tyre	110/90 -19

**ENGINE**

Type	Single cylinder, 2-stroke, liquid-cooled
Bore	97 mm
Stroke	60,8 mm
Displacement	449,3 cc
Compression ratio	13,5:1
Valve train	DOHC finger-follower camshafts / 4 valves
Starter	Electric starter
Generator	Mitsuba
Spark plug	NGK BR8ECM
Lubrication	Mixing
Carburettor	NGK LKAR 8A-9
Clutch	multi-disk wet clutch with oil bath
Primary drive	Z.31/72
Transmission	5 marce
Final transmission	chain
Gearbox oil	SAE 10W/50 0,8 l. + SAE 10W/40 0,8 l.