

TECHNICAL DATA

RX 250 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 Hydraulic USD closecartridge fork with ø 48 mm shaft
Rear suspension	Kayaba Monoshock with progressive compound lever
Shock absorber stroke	133 mm
Front wheel travel	305 mm
Rear wheel travel	300 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	19 x 2,15 - 36 holes
Front tyre	80/100 - 21
Rear tyre	120/80 -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
Exhaust Valve	BPV Systsem
Starter	Electric starter
Ignition	AC Kokusan - digital CDI with oil pump controller
Spark plug	NGK BR8ECM
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 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 Hydraulic USD closecartridge fork with ø 48 mm shaft
Rear suspension	Kayaba Monoshock with progressive compound lever
Shock absorber stroke	133 mm
Front wheel travel	305 mm
Rear wheel travel	300 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	19 x 2,15 - 36 holes
Front tyre	80/100 - 21
Rear tyre	120/80 -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 with oil pump controller
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 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	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 Hydraulic USD fork with ø48 mm shaft
Rear suspension	Kayaba Monoshock with progressive compound lever
Shock absorber stroke	133 mm
Front wheel travel	305 mm
Rear wheel travel	300 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	19 x 2,15 - 36 holes
Front tyre	80/100 - 21
Rear tyre	110/90 -19

ENGINE

Type	Single cylinder, 4-stroke, liquid-cooled
Bore	97 mm
Stroke	60,8 mm
Displacement	449,3 cc
Compression ratio	13,5:1
Valve train	DOHC finger follower / 4 valve, intake titanium, exhaust steel
Starter	Electric starter
ACG	Kokusan
Spark plug	NGK LKAR 8A-9
Lubrication	2 oil pumps
Fuel system	Elldor electronic injection
Throttle body	ø 46 mm
Clutch	wet multi-disc clutch
Primary drive	Z.31/72
Transmission	5 marce
Final transmission	chain
Engine oil	SAE 10W/50 0,8 l. + SAE 10W/40 0,8 l.