

General Information

General Specifications

Item	ZX900-A7
Dimensions:	
Overall length	2 220 mm, (SA) 2 170 mm
Overall width	730 mm
Overall height	1 220mm
Wheelbase	1 500 mm
Road clearance	140 mm
Seat height	790 mm
Dry weight	234 kg
Curb weight: Front	125 kg
Rear	130 kg
Fuel tank capacity	22.0 L
Performance:	
Minimum turning radius	2.7 m
Engine:	
Type	4-stroke, DOHC, 4-cylinder
Cooling system	Liquid-cooled
Bore and stroke	72.5 x 55.0 mm
Displacement	908 mL
Compression ratio	11.0
Maximum horsepower	79.4 kW (108 PS) @9 500 r/min (rpm), (SW) 65.5 kW (89 PS) @9 500 r/min (rpm), (W) 73.6 kW (100 PS) @9 500 r/min (rpm)(DIN)
Maximum torque	83.4 N-m (8.5 kg-m, 61.5 ft-lb) @8 500 r/min (rpm), (SW) 71.6 N-m (7.3 kg-m, 52.8 ft-lb) @6 500 r/min (rpm), (W) 78.5 N-m, (8.0 kg-m, 57.8 ft-lb) @8 500 r/min (rpm)(DIN)
Carburetion system	Carburetors, Keihin CVK34 x 4
Starting system	Electric starter
Ignition system	Battery and coil (transistorized)
Timing advance	Electronically advanced
Ignition timing	From 10° BTDC @1 000 r/min (rpm) to 35° BTDC @3 500 r/min (rpm)
Spark plug	NGK DR8ES or ND X27ESR-U
Cylinder numbering method	Left to right, 1-2-3-4
Firing order	1-2-4-3
Valve timing: Inlet:	Open 45° BTDC Close 65° ABDC Duration 290°
Exhaust:	Open 65° BBDC Close 45° ATDC Duration 290°
Lubrication system	Forced lubrication (wet sump with cooler)
Engine oil: Grade	SE or SF class
Viscosity	SAE10W-40, 10W-50, 20W-40, or 20W-50
Capacity	4.0 L