

Specifications

Item	Specification										
Dimensions											
Overall length	2,020 mm										
Overall width	840 mm										
Overall height	1,135 mm										
Wheelbase	1,320 mm										
Seat height	679 mm										
Ground clearance	300 mm										
Frame											
Type	Aluminium twin tube										
Front suspension	Telescopic										
Rear suspension	Swingarm PRO-LINK										
Front tire	MICHELIN TRIAL COMPETITION (2,75-21 M/C 45L) DUNLOP D803FGP (80/100-21 M/C 51M)										
Rear tire	MICHELIN TRIAL COMPETITION X11 (4.00 R18 M/C 64L) DUNLOP D803GP (120/100R18 M/C 68M)										
Front brake, diameter	Single disc, 183 mm										
Rear brake, diameter	Single disc, 150 mm										
Fuel capacity	1.8 liter (0.47 US gal, 0.39 Imp gal) (ED/2ED) 1.9 liter (0.5 US gal, 0.4 Imp gal) (3ED/4ED)										
Caster angle	24° 34'										
Trail length	63 mm										
Engine											
Type	Liquid cooled 4-stroke engine										
Cylinder arrangement	Single cylinder, 3.5° inclined from vertical										
Bore and stroke	78.0 x 54.2 mm										
Displacement	259 cm ³										
Compression ratio	10.5 : 1										
Valve timing	<table style="border: none;"> <tr> <td style="padding-right: 10px;">Intake valve opens</td> <td style="padding-right: 10px;">9° BTDC</td> <td rowspan="4" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="4" style="padding-left: 10px;">(at 1.0 mm lift)</td> </tr> <tr> <td>Intake valve closes</td> <td>27° ABDC</td> </tr> <tr> <td>Exhaust valve opens</td> <td>37° BBDC</td> </tr> <tr> <td>Exhaust valve closes</td> <td>5° ATDC</td> </tr> </table>	Intake valve opens	9° BTDC	}	(at 1.0 mm lift)	Intake valve closes	27° ABDC	Exhaust valve opens	37° BBDC	Exhaust valve closes	5° ATDC
Intake valve opens	9° BTDC	}	(at 1.0 mm lift)								
Intake valve closes	27° ABDC										
Exhaust valve opens	37° BBDC										
Exhaust valve closes	5° ATDC										
Lubrication system	Forced pressure and wet sump										
Starting system	Primary kickstarter										

Item	Specification	
Fuel System		
Type	PGM-FI	
Identification number	GQPFA (ED/2ED) GQPEB (3ED/4ED)	
Throttle bore	29.4 mm	
Drive Train		
Clutch operating system	Hydraulic operated	
Clutch type	Wet, multi-plate	
Transmission	5 speed constant mesh	
Primary reduction	3.167 (57/18T)	
Gear ratio	1st	2.800 (42/15T)
	2nd	2.385 (31/13T)
	3rd	2.000 (30/15T)
	4th	1.273 (28/22T)
	5th	0.815 (22/27T)
Final reduction	4.100 (41/10T)	
Gearshift pattern	1 - N - 2 - 3 - 4 - 5	
Electrical		
Alternator	Triple phase output alternator	
Ignition system	PGM-IGN	
Regulator type	SCR shorted/triple phase, full wave rectification	