



503 UL

ENGINE:

Type:

503 UL DCDI - 1V

503 UL DCDI - 2V

Performance	(503 UL - 1V): 34,0 kW (45,6 hp) @ 6500 rpm (503 UL - 2V): 37,0 kW (49,6 hp) @ 6500 rpm
Torque	(503 UL - 1V): 51 Nm (37,6 ft.) @ 5900 rpm (503 UL - 2V): 47 Nm (34,7 lbf.) @ 6000 rpm
Max. RPM:	6800 rpm
Bore:	72 mm (2,84 in.)
Stroke:	61 mm (2,40 in.)
Displacement:	496,7 cm ³ (30,31 cu.in.)
Compression ratio:	th: 10,8 ef: 6,2
Ignition unit:	DUCATI double CDI
Ignition timing:	16° v. OT
Generator performance:	155 W @ 6000 rpm
Voltage:	13,5 V

OPERATING MEDIA:

Fuel:	min. MON 83 RON 91* min. AKI 87*
Oil:	*leaded or unleaded Super 2 stroke oil API-TC-classification
Oil mixing ratio:	1 : 50 ** ** variable with fresh oil pump

WEIGHT-engine:

Standard configuration:	31,4 kg (69,2 lb.)
2 carburetor:	1,8 kg (4,0 lb.)
Exhaust system:	5,1 kg (11,2 lb.)

WEIGHT-Options :

2 air filter:	0,3 kg (0,7 lb.)
Dual air filter:	0,5 kg (1,1 lb.)
Electric starter:	3,5 kg (7,7 lb.)
Gearbox "B": (i = 2,58)	4,5 kg (9,9 lb.)
Gearbox "C": (i = 2,62, 3,0, 3,47, 4,0)	8,0 kg (17,6 lb.)
Gearbox "E": (i = 2,62, 3,2, 3,47, 4,0)	11,2 kg (24,7 lb.)
Fresh oil pump:	0,3 kg (0,7 lb.)
Oil tank 2,4 l:	0,6 kg (1,3 lb.)
Intake silencer 1 V:	0,8 kg (1,8 lb.)
Intake silencer 2 V:	1,1 kg (2,4 lb.)
After muffler:	1,6 kg (3,5 lb.)
Instrument FLYDAT:	0,5 kg (1,1 lb.)

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