



CALIFORNIA 1400 AUDACE

TECHNICAL SPECIFICATIONS

ENGINE

TYPE	90° V-twin engine, 4 stroke, SOHC 4 valves per cylinder.	
COOLING	Air and oil cooled with independent cooling pump. Oil cooler with thermostat controlled fan.	
ENGINE CAPACITY	1380 cc	
BORE AND STROKE	104 x 81.2 mm	
COMPRESSION RATIO	10.5: 1	
TIMING SYSTEM DIAGRAM	Intake valve opens 19° BTDC Intake valve closes 55° ABDC	Exhaust valve opens 49° BBDC Exhaust valve closes 12° ATDC
MAXIMUM POWER	71 kW (96 HP) at 6500 rpm	
MAXIMUM TORQUE	121 Nm at 3000 rpm	
FUEL SUPPLY / IGNITION	Electronic Multipoint sequential injection, Magneti Marelli IAW7SM; "ride by wire" Ø 52 mm throttle body, IWP 243 Magneti Marelli injectors, twin oxygen sensors, integrated management of 3 engine mappings, traction control and cruise control.	
STARTER	Electric	
SPARK PLUGS	NGK LMAR8F, 2 per cylinder	
EXHAUST SYSTEM	Stainless steel, 2-in-2 type, three-way catalytic converter with twin lambda probe.	
EMISSION STANDARD	Euro 3	

TRANSMISSION

GEARBOX	6 speed	
GEAR RATIOS	1st 17/38 = 1 : 2.235 2nd 20/34 = 1 : 1.700 3rd 23/31 = 1 : 1.348	4th 26/29 = 1 : 1.115 5th 31/30 = 1 : 0.968 6th 30/24 = 1 : 0.8
PRIMARY DRIVE	Helical teeth gear set, ratio 26/35 = 1: 1,346	
FINAL DRIVE	Hypoid gear set, ratio 10/36 = 1: 3.6	
CLUTCH	Single-disc	



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CHASSIS

FRAME	Steel tubing, closed double cradle with elastic-kinematic engine mounting system to isolate vibrations.	
CENTRE TO CENTRE DISTANCE	1695 mm	
TRAIL	145 mm	
RAKE	32°	
STEERING ANGLE	38°	
FRONT SUSPENSION	Ø 46 mm forks, hydraulic damping.	
FRONT WHEEL TRAVEL	120 mm	
REAR SUSPENSION	Swingarm with twin shocks, adjustable rebound and spring preload with remote reservoir.	
REAR WHEEL TRAVEL	120 mm	
FRONT BRAKE	Dual Ø 320 mm stainless steel floating discs, Brembo radial 4 spot radial mounted callipers.	
REAR BRAKE	282 mm stainless steel fixed disc, Brembo floating calliper with 2 parallel pistons.	
ABS	Continental Two Channel ABS	
WHEELS	Aluminium alloy	
WHEEL RIM	Front: 3.50" x 18"	Rear: 6.00" x 16"
TYRE	Front: 130/70R18	Rear: 200/60R16

ELECTRICAL SYSTEM

SYSTEM VOLTAGE	12 V	
BATTERY	12V - 18 Ah	
ALTERNATOR	12 V - 550 W	



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DIMENSIONS

LENGTH	2445 mm
WIDTH	940 mm
HEIGHT	1180 mm
SADDLE HEIGHT	740 mm (720 mm opt.)
MINIMUM GROUND CLEARANCE	165 mm
KERB WEIGHT	314 kg
DRY WEIGHT	295 kg
FUEL TANK CAPACITY	20.5 Litres
RESERVE	5 Litres