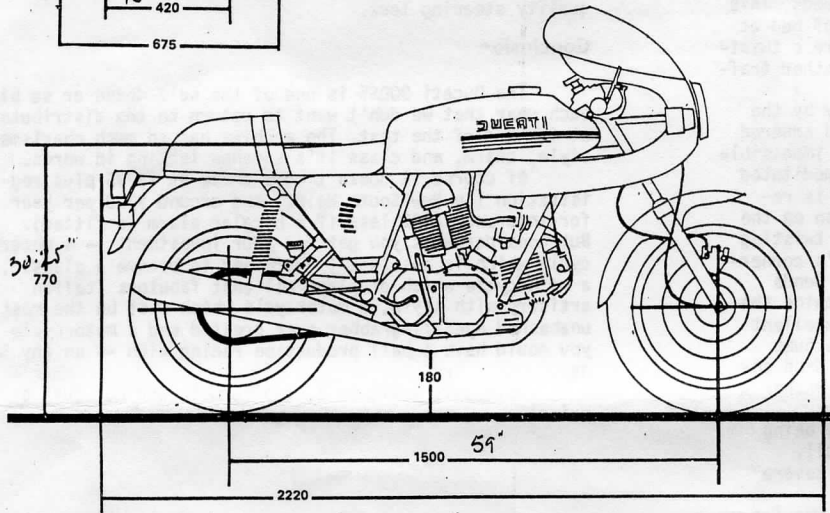
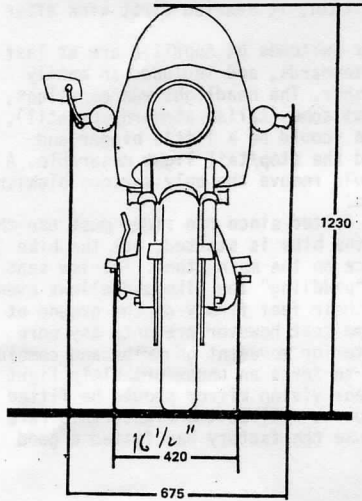


DUCATI 900SS



ENGINE

Air-cooled, 90 degree Vee-twin four-stroke. Shaft and bevel gear driven single overhead cams with desmodromic valve closure. Conrods side-by-side on common crankpin, built up crank supported by roller bearings, caged roller big ends, bushed little ends.

Bore x stroke.....86 x 74.4 mm
 Displacement.....864 cm³
 Compression Ratio.....9.5:1
 Stated Redline.....7,900 rpm
 Carburation...2 x 32 mm, accelerator-pump, slide/needle
 Air Cleaner.....Pleated dry paper
 Starter system.....Non-primary kick
 Lubrication.....Wet sump, gear type pump
 Ignition.....Capacitive discharge, magnetic pick up

TRANSMISSION

Helical gear primary drive through wet, multiplate clutch to five-speed, constant-mesh gearbox. Left foot shift, 1 down 5 up pattern. Final drive by roller chain.

Gear ratios (Overall:1)
 First.....12.23
 Second.....8.55
 Third.....6.58
 Fourth.....5.47
 Fifth.....4.85
 Primary Reduction.....2.187:1 (70/32)
 Secondary Reduction.....2.500:1 (40/16)

CALCULATED DATA

Mean piston speed at redline.....19.6 m/sec
 Power to weight ratio.....0.19 kW/kg
 Specific power output.....42 kW/l
 Km/h per 1000 rpm in top gear.....25 km/h

PERFORMANCE

Braking from 50 km/h.....8 m (1.23G)
 Braking from 100 km/h.....34 m (1.16G)

FUEL CONSUMPTION

City.....6.9 l/100 km
 Cruising.....6.0 l/100 km
 High Speed.....7.7 l/100 km
 Overall on test.....6.7 l/100 km

SOUND LEVELS

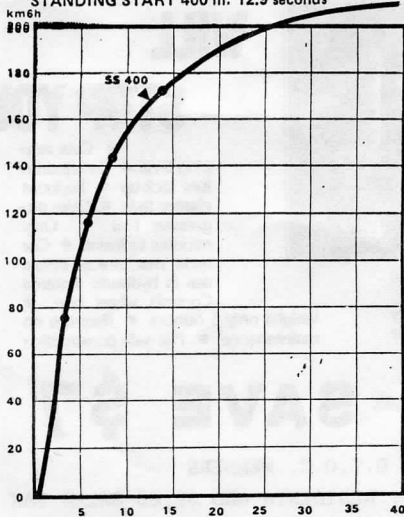
Sound levels with motorcycle stationary, taken at 0.5 m from exhaust, at same level and angle of 45 degrees to rear. Readings taken at 25, 50 and 75 percent of redline rpm.
 25 percent.....85 dB(A) (1975 rpm)
 50 percent.....95 dB(A) (3950 rpm)
 75 percent.....102 dB(A) (5925rpm)

SCORE CHART

	CRUISE	START/STOP	COMFORT	FUEL/ECONOMY
GENERAL				
STYLING				
FINISH				
MECHANICAL ACCESSIBILITY				
COMFORT				
LIGHTING				
TOOLS SUPPLIED				
CONTROLS				
POSITIONING OF CONTROLS				
INSTRUMENTATION				
ENGINE				
STARTING				
ACCELERATION				
VIBRATION				
ELASTICITY				
SILENCING				
TRANSMISSION				
GEARBOX				
CLUTCH				
BRAKES				
STOPPING POWER				
STABILITY UNDER BRAKES				
RESISTANCE TO FADING				
SUSPENSION				
FRONT				
REAR				
HANDLING				
LARGE RADIUS CURVES				
TIGHT CURVES				
MANOEUVRING				
CORNERING CLEARANCE				
OVERALL				
VALUE FOR MONEY				

ACCELERATION

MAXIMUM SPEED: 206 km/h
 STANDING START 400 m: 12.9 seconds



DIMENSIONS

Dry weight.....188kg
 Fuel tank capacity (incl. reserve).....18.0 litres
 Fuel Reserve.....2.5 litres
 Engine oil capacity.....5.0 litres

CHASSIS

Welded, tubular, high-tensile steel, open double cradle frame. Front suspension: coil sprung telescopic forks with two-way oil damping. Rear suspension: tubular swing arm, spring/damper units with constant rate springs and five preload positions. Front brakes: two drilled, cast iron discs, double-piston hydraulic calipers. Rear brake: single drilled, cast iron disc, double-piston hydraulic caliper.
 Fork travel.....Not Available
 Rear suspension travel.....60 mm
 Fork rake.....Not Available
 Trail.....Not Available
 Front brake diameter.....280 mm
 Rear brake diameter.....2299 mm
 Front tyre.....3.50 H 18
 Rear tyre.....120/90 H 18

CONTINENTAL MOTO-SPORT

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