

Jaguar XJ-6 4.2 Coupé data

bodywork

| | |
|------------------------|-----------------------------|
| Body type | 2+2 seater fixed-head coupé |
| Number of doors | 2 |
| Designer | |

dimensions & weights

| | mm | inches |
|-------------------------------|----------------|----------------|
| Wheelbase | 2763 | 108.8 |
| Track/tread (front) | 1473 | 58 |
| Track/tread (rear) | 1482 | 58.3 |
| Length | 4843 | 190.7 |
| Width | 1770 | 69.7 |
| Height | 1375 | 54.1 |
| Ground clearance | | |
| length:wheelbase ratio | 1.75 | |
| Kerb weight | 1735 kg | 3825 lb |
| Weight distribution | 51.8 % front | |
| fuel tank capacity | | |

aerodynamics

Drag coefficient

Frontal area

CdA

engine

engine type naturally aspirated petrol

Engine manufacturer **Jaguar**

| | |
|---|---|
| Engine code | |
| Cylinders | Straight 6 |
| Capacity | 4.2 litre 4235 cc (258.436 cu in) |
| Bore × Stroke | 92.05 × 106 mm 3.62 × 4.17 in |
| Bore/stroke ratio | 0.87 |
| Valve gear | double overhead camshaft (DOHC) 2 valves per cylinder 12 valves in total |
| maximum power output | 172 PS (170 bhp) (127 kW) at 4500 rpm |
| Specific output | 40.1 bhp/litre 0.66 bhp/cu in |
| maximum torque | 384 Nm (283 ft·lb) (39.2 kgm) at 3750 rpm |
| Specific torque | 90.67 Nm/litre 1.1 ft·lb/cu ³ |
| Engine construction | |
| sump | wet sumped |
| compression ratio | 7.8:1 |
| Fuel system | 2 SU carbs |
| bmep (brake mean effective pressure) | 1139.4 kPa (165.3 psi) |
| Maximum RPM | |
| crankshaft bearings | 7 |
| Engine coolant | Water |
| Unitary capacity | 705.83 cc |
| Aspiration | Normal |

| | |
|---|--|
| Compressor | N/A |
| Intercooler | None |
| Catalytic converter | N |
| performance | |
| Acceleration 0-80km/h (50mph) | 8.2 s |
| Acceleration 0-60mph | |
| Acceleration 0-100km/h | 12 s |
| Acceleration 0-160km/h (100mph) | 33.70 s |
| Standing quarter-mile | |
| Standing kilometre | 33.4 s |
| Maximum speed | 182 km/h (113 mph) |
| Power-to-weight ratio | 99.34 PS/tonne (1000 kg) 73.07 kW/tonne (1000 kg) 97.98 bhp/tonne (1000 kg) 0.04 bhp/lb |
| Weight-to-power ratio | 13.69 kg/kW 22.86 lb/bhp |
| fuel consumption | |
| Fuel consumption | |
| universal consumption (calculated from the above) | |
| litres/100km | |
| km/litre | |
| UK MPG | |
| US MPG | |
| Carbon dioxide emissions | |
| Carfolio Calculated CO₂ ? | |

VED band (UK)

CO₂ Effizienz (DE)

chassis

| | |
|-----------------------------|-------------------|
| Engine position | front |
| Engine layout | longitudinal |
| Drive wheels | rear wheel drive |
| Torque split | N/A |
| Steering | |
| turns lock-to-lock | |
| Turning circle | |
| Front suspension | |
| Rear suspension | |
| Wheel size front | 6J x 15 |
| Wheel size rear | 6J x 15 |
| Tyres front | ER 70 VR 15 |
| Tyres rear | ER 70 VR 15 |
| Brakes F/R | VeDi/Di-S |
| Front brake diameter | |
| Rear brake diameter | |
| Braked area | |
| Gearbox | 3 speed automatic |
| Top gear ratio | 1 |
| Final drive ratio | 3.07 |