Bravo 1.4 12v

Technical Specification

n line nt transverse to-4 x 64.87 mm 70 cc to t
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BIDC
ABDC
BBDC
ATDC
ctronic static advance, combined with injection
3-4-2
, + =
N BKB CEKC
SK BKR 6EKC
lden Lodge 2HLDR
I Bosch Monomotronic electronic
ctric
y-type, with paper cartridge and thermostatic
ustment
ustment par
ee-way catalytic converter and lambda probe
ced-feed with geared pump and pressure relief valv
tridge type, total flow
uid cooling, with centrifugal pump, radiator and
pansion tank
pansion tank
pansion tank h "controlled by-pass" thermostat ctric with engagement governed by thermostat on
r

	to front wheels
	dry, single plate, with disc engagement spring, mechanical control and contact bearing
	190 mm
	190 x 134 mm
	5 speeds
1st	3.909:1
2nd	2.158 : 1
3rd	1.480 : 1
4th	1.121:1
5th	0.902:1
Reverse	3.818:1
	in gearbox
∫ type	cylindrical, helical
ratio (no. of teeth)	3.867 : 1 (15/58)
	2nd 3rd 4th 5th Reverse

	- Chassis	
Braking system Front discs	front discs with floating calipers; rear drums, with self centring shoes and automatic wear adjustment. Peda control, with vacuum servo, split-line diagonally linked hydraulic circuits, and brake regulator on rear brake hydraulic circuit. 4-channel, 4-sensor ABS on request	
diametertotal lining area	257 mm 156.8 cm ²	
Rear drums – diameter – linings: width x length – total lining area Parking brake	180 mm (203 mm with ABS) 30 x 146 (38 x 165 with ABS) 176 cm² (248 cm² with ABS) acting on rear wheels with manual control and mechanical transmission	
Front suspension	independent wheel MacPherson struts with transverse lower wishbones anchored to an auxiliary	
Flexibility at the wheel Wheel wobble { upper lower	cross member, offset coil springs and anti-roll bar 0.54 mm/kg 70 mm 85 mm	
Dampers Front wheel geometry unladen: - camber - caster - toe-in	hydraulic, telescoping, dual action -7' ± 30' 3°30' ± 30' (2°50' ± 30' with power steering) +1 to -1 mm	
Rear suspension Flexibility at the wheel	independent wheel, with trailing arms anchored to an auxiliary cross member, coil springs and anti-roll bar 0.56 mm/kg	
Wheel wobble { upper lower	80 mm 110 mm	
Dampers Rear wheel geometry unladen:	gas with vulcanised bushes	
- camber - toe-in	$-1^{\circ} \pm 30'$ -2,5 to +1,5 mm	
Steering Steering column Turning circle Steering wheel turns (lock to lock)	rack and pinion with power steering (SX) collapsible, energy absorbing with angular adjustment 10.4 m 3.5 (3 with power steering)	

Wheels Rims (in pressed steel) Tyres	5½ J x 14"-32 (5½ J x 14"-37 with power steering) 165/65 R 14 82T (175/65 R 14 82T with power steering)	
Inflation pressure – front – rear (*) at constant high speed fully laden	2.2 bar 2.3* bar 2.1 bar 2.5* bar	
Mini spare wheel Rim Tyre Inflation pressure Max. speed permissible	4 B x 14"-43 105/70 R 14 84M 4.2 bar 80 km/h	

Voltage
Alternator: DC supply
Starter motor
Battery: capacity

Electrical equipment

12 V
65 A (85 A with climate control)
0.9 kW
40 Ah

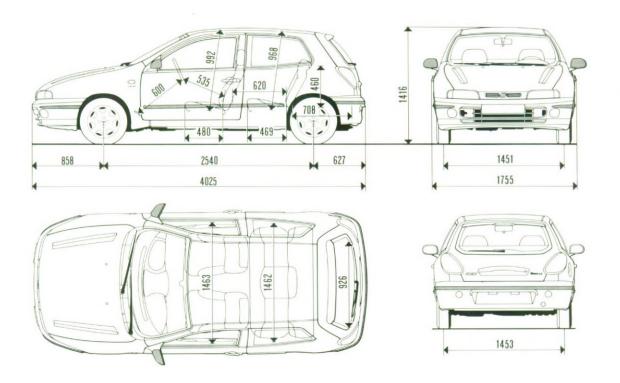
Kerb weight (DIN) (*) 1010 kg Distribution 60.4% weight fully laden 39.6% ### Stocking the content of the	
Distribution { rear 39.6% } Weight fully laden	
(front 850 kg	
I IIOIIL 650 Kg	
Distribution { rear 850 kg	
total 1510 kg	
Max. payload (including driver) 500 kg	
Max. load towable 1000 kg	
No. of seats 5	

Perf	ormance —	
Top speed Speed with engine at 1,000 rpm Weight/power ratio \[\begin{align*} \text{kg/bhp-EC} \\ \text{kg/kW-EC} \end{align*}	170 km/h 24.4 km/h (in 4th) 12.6 17.1	
Max. gradient negotiable (fully laden)	37%	
Acceleration (2 adults + 20 kg) (secs.) - 0 to 100 km/h - 0 to 1000 m	13.8 35	
Pick-up from 40 km/h (2 adults + 20 kg) (secs.) – over 1000 m	37.1 (in 4th)	
Conventional fuel consumption (I/100 km)		
- at 90 km/h	5.2	
- at 120 km/h	7.0	
- urban cycle	9.0	
 ECE average 	7.1	

	-l3 (Ul)	Low
	dm³ (litres)	kg
Fuel tank	50	-
including a reserve of:	7	-
Radiator, engine, expansion tank		
and heating system fluid	6.0 (5.6 with clim.contr.)	_
Engine sump and filter oil	4.1	3.7
Total engine sump, filter and circuit oil	4.3	3.8
Gearbox and differential oil	_	1.5
Steering and power steering oil	_	0.08 (0.8 with
		power steering
Braking circuit oil	0.40 (0.45 with ABS)	_
Screenwasher bottle (front and rear)	2.5 to 5 (6.8 with headlight washe	ers)

Bravo 1.4 SX dimensions

* unladen



Luggage capacity (VDA): 280 to 1030 dm³

Engine curves (EC)

