



## Technical data

	smart fortwo micro hybrid drive	smart fortwo cdi	smart fortwo BRABUS
<b>Cylinders/valves</b>	R3/4 valves per cylinder	R3/2 valves per cylinder	R3/4 valves per cylinder
<b>Engine capacity</b>	999 cc	799 cc	999 cc
<b>Bore/stroke</b>	72 x 81.8 mm	65.5 x 79 mm	72 x 81.8 mm
<b>Rated output</b>	52 kW/71 bhp at 5,800 rpm	33 kW/45 bhp at 3,800 rpm	72kW/98 bhp at 5,500 rpm
<b>Max. torque</b>	92 Nm at 4,500 rpm	110 Nm at 2,000–2,500 rpm	140 Nm at 3,500 rpm
<b>0–100 km/h</b>	13.3 s	19.8 s	9.9 s
<b>Maximum speed</b>	145 km/h	135 km/h	155 km/h
<b>Fuel consumption*</b>	4.3 l/100 km (provisional figure)	3.3 l/100 km	5.2 l/100 km
<b>CO<sub>2</sub> emissions</b>	103 g/km (provisional figure)	88 g/km	124 g/km
<b>Wheels and tyres (front/rear)</b>	pure: 155/60 R 15 on 4.5 J x 15; 175/55 R 15 on 5.5 J x 15 pulse: 175/55 R 15 on 5 J x 15; 195/50R 15 on 6.5 J x 15 passion: 155/60 R 15 on 4.5 J x 15; 175/55 R15 on 5.5 J x 15		175/50 R 16 on 5.5J x 16; 225/35 R 17 on 7.5J x 17
<b>Power transmission</b>			
Clutch	single-plate dry clutch		
Transmission	automated manual five-speed transmission		
<b>Running gear</b>			
Front axle	wishbone, McPherson strut, anti-roll bar		
Rear axle	DeDion rear axle, coil springs, telescopic shock absorbers		
Brake system	Electronic stability programme ESP® with hill start assist, anti-lock braking system ABS with electronic brake-force distribution, acceleration skid control, electronic brake assist, dual circuit brake system with tandem servo-assistance, disc brakes at front, drum brakes at rear		
Steering	rack-and-pinion steering		
<b>Dimensions and weights</b>			
Wheelbase (mm)	1,867		
Track width front (mm)	1,283; BRABUS 1,270		
Track width rear (mm)	1,385; BRABUS 1,363		
Length (mm)	2,695		
Width (mm)	1,559		
Height (mm)	1,542; BRABUS 1,532		
Turning circle (m)	8.75		
Luggage compartment capacity (l)	220 to waist line, 340 to roof		
Weight without driver (kg)	mhd 750 (cabrio 780); cdi 770 (cabrio 800); BRABUS 780 (cabrio 810)		
Payload (kg)	mhd 270 (cabrio 240); cdi 280 (cabrio 350); BRABUS 270 (cabrio 240)		
Permissible total weight (kg)	mhd 1,020; cdi 1,050; BRABUS 1,050		
Fuel tank capacity/ reserve (l)	33/5		

\* NEDC, combined figure