



DS AUTOMOBILES



2021

DS 3 Crossback

1.5 BlueHDi diesel 4x2 automatic



4.0 
/10

Clean Air
Index

5.8 
/10

Energy Efficiency
Index

3.3 
/10

Greenhouse Gas
Index



Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
3.6/10 Cold Test					
5.7/10 Warm Test					
0.0/10 Cold Ambient Test					
2.5/10 Highway					



Road Test

3.1/10 On-Road Drive					
5.8/8 On-Road Heavy Load					
2.6/5 On-Road Light Load					
2.3/5 On-Road Short Trip					
0.0/2 Congestion					



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments

Particulate emissions are very low in all tests, thanks to the diesel particulate filter (DPF). NO_x is generally well controlled but becomes elevated in the cold ambient temperature test and the high-load highway test.

Energy Efficiency Tests



Laboratory Test

Energy

6.9/10 Cold Test



7.2/10 Warm Test



4.9/10 Cold Ambient Test



4.4/10 Highway



Consumption

Driving Range

Average

5.4 l/100 km

845 km

Worst-case

6.5 l/100 km

665 km



n.a.



good



adequate



marginal



weak
















poor

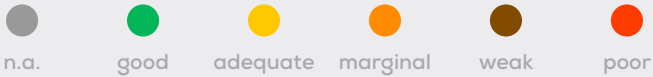
Comments

The DS 3 Crossback achieve an energy efficiency index of 5.8, with an average fuel consumption of 5.4 l/100 km and a worst-case, in the highway test, of 6.5 l/100 km.

3.3 Greenhouse Gases Tests

/10

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
2.5/7	Cold Test			
2.7/7	Warm Test			
1.9/7	Cold Ambient Test			
2.3/7	Highway			



Comments

Emissions of N₂O are above Green NCAP's upper threshold in most of the tests, and the DS 3 Crossback loses some fractions of a point as a result. Emissions of Methane (CH₄) are very low while those of carbon dioxide (CO₂) are moderate.

Our Verdict

The DS 3 Crossback premiered at the 2018 Paris Motor Show and is sold with conventional combustion engines and as a pure electric. Here, the BlueHDi 100 1.5 litre turbocharged diesel variant is tested. Emissions management is controlled by an EGR system, selective catalytic reduction and a diesel particulate filter (DPF). The latter proves very effective, with low particulate emissions in all tests. Ammonia (NH₃), an pollutant not regulated by legislation is less well controlled and points lost because of this lead to a model 4 score for the Clean Air Index. The DS 3 Crossback's strongest performance comes in Energy Efficiency, with a score of 5.8 but its average index, and therefore its star rating, suffers from a score of 3.3 for greenhouse gas emissions. CO₂ emissions are not excessive but values of N₂O are high in several of the tests. Overall, the DS 3 Crossback sits firmly in 2½-star territory.

Disclaimer

Publication Date 09 2021	Tested Car VR1UCYHZRKW13 _{xxxx}	Emissions Class Euro 6d-Temp	Tyres 215/60R17
Mass 1,270 kg	Engine Size 1,499 cc	Engine Power/Torque 96 kW/300 Nm	Published CO ₂ 131 g/km
Declared Battery Capacity n.a.	Published Driving Range n.a.		



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