

Introducing the Jatco CVT7 (JF015E) for the Dacia Sandero

The Jatco CVT7 (JF015E) is installed on the new Sandero released by Dacia, a Renault Group brand, in the European market in January 2021. Thanks to its auxiliary transmission, the JF015E features wide ratio coverage and low friction, in addition to a substantially updated control system. These features combine with the latest 1.0L 3-cylinder turbocharged engine to contribute to substantially improved fuel economy and driveability. The transmission is optimally tuned to match the concept of a hatchback, reflecting the needs of the European market. That feature achieves both excellent dynamic performance and quietness, which are highly praised by customers.

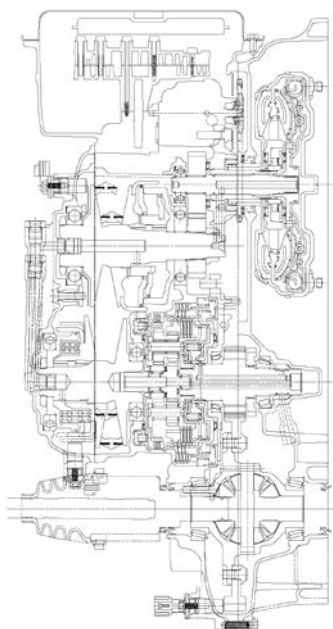


Fig. 1 Main cross-sectional view

Table 1 Specifications of JF015E

Torque capacity	142 Nm	
Torque converter size	205 mm	
Pulley ratios	2.200 - 0.550	
Auxiliary transmission gear ratios	1st	1.821
	2nd	1.000
	Rev.	1.714
Ratio coverage	7.3	
Final gear ratio	3.882	
Selector positions	P, R, N, D, L	
Overall length	334 mm	
Weight (wet)	70.1 kg (2WD)	



Dacia Sandero