

# Introducing the Jatco CVT-XS (JF023E) for the Nissan Sentra

Jatco CVT-XS (JF023E) was installed into the new Sentra, which was released in North America by Nissan Motor in 2025.

The CVT-XS maximizes the performance of the new Sentra by combining a large ratio coverage with an optimal gear ratio.

CVT-XS features high control performance with a multiplate lockup and a 3-way linear solenoid, thereby offering superior dynamic driving performance and a natural and smooth feeling of acceleration.

The driving performance enabled by JATCO's control technology has further enhanced the attractiveness of the vehicles equipped with CVT-XS, receiving high praise of the customers in the North American market.

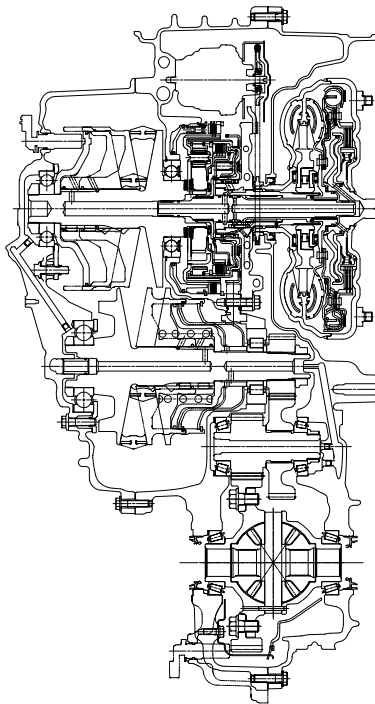


Fig. 1 Main cross-sectional view

Table 1 Specifications of JF023E

Torque capacity	280 Nm
Torque converter size	230 mm
Pulley ratios	2.805–0.357
Ratio coverage	7.9
Reverse gear ratio	0.745
Final gear ratio	5.034
Selector positions	P, R, N, D, B
Overall length	379.9 mm
Weight (wet)	94.6 kg



Sentra