



SERIE 4300

Metro



GENERAL CHARACTERISTICS (for 4 cars)

- Nominal Current Supply: 1500 DC
- Eight three-phase asynchronous motors
- 8 x 186 kW traction power
- Four motor bogies / four trailer bogies
- Low voltage: 110 Vdc
- Rubber/metal primary suspension
- Pneumatic secondary suspension
- Antislip, antislid system
- Electrical service brake: regenerative
- Pneumatic urgency brake
- Electromagnetic brake
- Two auxiliary converters
- Air conditioning in cabins and passengers
- Surveillance CCTV system

General Data

Contract date	2006
Type of vehicle	Metro
Customer	FGV



FRONT VIEW
MOTOR 1
SCALE 1:25

Dimensions and Weights

Length	60,5 / (75,7 m for 5)
Height	4 m
Width	2.55 m
Floor Height	1.15 m
Electric double-sliding doors	10 doors per side
-door clearance height	2,080 mm
-door clearance width	1,560 mm
Wheel diameter	860 mm
Gauge	1,000 mm
Minimum horizontal curve radius	80 m
Tare	138 t

Performance and capacity

Maximum speed	80 km/h
Initial acceleration	1.1 m/s ²
Normal deceleration	1.2 m/s ²
- max. deceleration with urgency brake	1.2 m/s ²
- max. deceleration with emergency brake	2 m/s ²
Maximum gradient	30 ‰
Passengers seats	116
Standing passengers (6pass/m ²)	472
PMR locations	2
Multiple units	2



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