

Metros

EMU S/4300

Customer: FGV
Contract Date: 2005
Number of units: 20x4



Basic characteristics

Trainset length	60 m
Bi-cabine	
Number of coaches	MRRM
Gauge	1.000mm
Vehicle width	2.550mm
High floor	1.150mm
Interior high	2.100mm
Passengers	600 (6 pass/m ²) & PMR
Comfort	0,25
Maximum speed	80 kph
Acceleration initial	1,1 m/s ² (0-40 KPH)
Acceleration residual	0,3 m/s ²
Deceleration	1,2 m/s ²
Voltage	1.500 Vdc
Axle/load	11 t
Material body shell	Inox / Steel
Compression effort	130 t
Doors number	2 / per side-car
Min. curve radius	80 m
Climatitiation	Cabin + passengers
Multiple unit control	Yes (2 units)
Gradient	30 per 1000
Intercirculation	Gang-way
Traction chain	IGBT's
Train control	TCN, FAP, ATP, SICAS, CESIS