



🗹 main technical data

Manufacturer	Alstom
Continuous rated power	4,200 kW
Maximum speed	140 km/h
Starting tractive effort	320 kN
Continuous tractive effort	250 kN at 57 km/h
Weight in working order	90 t
Wheel arrangement	Bo'Bo'
Clearance gauge	UIC 505-1
Length	19.720 m
Traction motors	4 asynchronous motors
Electric braking	Regenerative and rheostatic 2,600 kW
Multiple unit operation	Yes
Homologation	France
Year of construction	2000-2006
Electric power supply	1.5 kV DC - 25 kV 50 Hz
Safety systems	KVB, RPS, GSM-R radio
Other equipment	Energy meter, "Midi" access

Tractive effort - speed curve

