

ES 2-6-0 Light Steam Locomotive

Technical Specifications:

Type	2-6-0 Tender Locomotive
Driver Diameter	914 mm (36")
Max. Axle Load	6 tonnes (In working order)
Continuous Indicated Power	400 hp (298 kW)
Tractive Effort	49.4 kN (11,080 lbf)
Maximum Nominal Speed	85 km/hr
Boiler Pressure	310 psig (2.14 MPa)
Superheat	400 deg. C
Grate Area	0.99 m ²
Engine	2 Cylinder Simple Expansion
Cylinder Dimensions (Bore x Stroke)	235 mm x 450 mm
Weight - Engine	21 tonnes (In working order)
Weight - Tender	18 tonnes (Full supplies)
Total Weight	39 tonnes
Tender Bunker Capacity	2 tonnes (8 m ³) (Wood)
Tender Water Tank Capacity	8,000 Litres
Rigid Wheel Base	2,900 mm
Total Engine Wheel Base	4,900 mm
Total Wheel Base - Engine & Tender	12,362 mm
Adhesion Aids	Air Sanding & Steam Rail-head Conditioning

Load Rating:

150 tonnes on a 2% (1 in 50) gradient.

Range:

Approx. 300 km with a 150 tonne load & 80% supplies consumed - depending on route.