2300HP MG/ CAPE GAUGE MIXED SERVICE LOCOMOTIVE

Indigenously developed low cost 2300 HP locomotive equipped with 12 cylinder Alco engine and fitted with 3-axle double suspension bogies.

The locomotive is provided with AC-DC transmission consisting of directly coupled self ventilated BHEL make traction alternator type TA10102 EV with BHEL make alternator mounted rectifier type 3700 and six axle hung nose suspended traction motors type GE-761 ANR-3. The loco has been designed for a maximum speed of 100 km/h

Diesel Engine

- 12 Cylinder BLW 251C, 4 Stroke, turbocharged
- Fuel Efficient Engine
- Injection System - Through Fuel Injection Pump,Fuel Injection Tube & Nozzle
- Governor - MCBG
- Compression Ratio - 11.75 : 1
- Lube Oil Sump Capacity - 760 Ltrs

Brakes

- Panel Mounted 28LAV-1Twin Type/IRAB1 Dual Brake System/AIR Brake System
- Air, Vaccum
- Dual brake, Dynamic Brake

Transmission

- Electrical AC-DC
- 6 Traction motor (3 per bogie)
- Suspension - Axle hung/ Nose Suspension
- Gear Ratio - 18:93

Truck

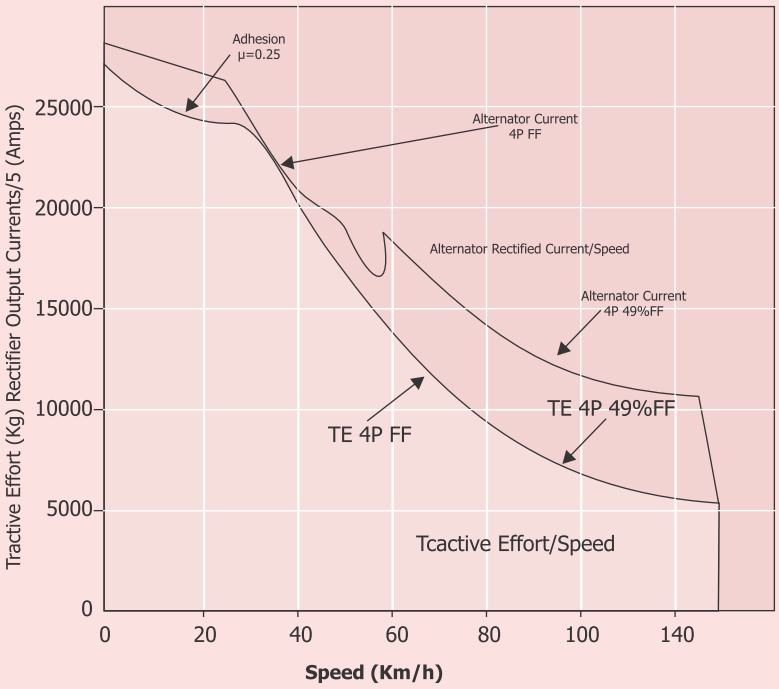
- CO-CO fabricated bogie
- Adhesion - 0.25

OUR LOCOS MOVE THE NATION

General Characteristics	
Installed Power	2300HP
Axle Load	16.5 T
Gauge	1000 mm / Cape Gauge
Wheel arrangement	Co-Co-
Wheel diameter	965/921 mm
Height	3750 mm
Width	2742 mm
Overall Length	16500 mm
Weight	99 T
Max Starting tractive effort	268 KN
Max Dynamic Brake	180KN
Maximum Speed	100kmph
Fuel tank capacity	3000 ltrs
Locomotive Control	Microprocessor Control Excitation/E-type Excitation



Tractive Effort Chart



For enquiries contact:
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