WDS6ADT-1350 / 1150 HP SHUNTING LOCOMOTIVE

Heavy duty shunting locomotive, equipped with 6 cylinder Alco engine.

The locomotive is provided with AC-DC transmission consisting of a directly coupled self ventilated BHEL make traction alternator type TA10106 CY, driving six axle hung nose suspended BHEL traction motors type TM4907.

This loco is extensively used by Non-Railway Customers such as Steel Plants, Port Trusts and Power Plants.

Diesel Engine

- 6 Cylinder 251D-6 Cyl. in line, 4 Stroke, Turbocharged
- Injection System - Through Fuel Injection Pump, Fuel Injection Tube & Nozzle
- Governor - Woodward/MCBG
- Compression Ratio - 11.75 : 1
- Lube Oil Sump Capacity - 530 Ltrs

Brakes

- Panel Mounted IRAB-1 Brake system
- Air, Hand, Dynamic brake

Transmission

- Electrical AC-DC
- 6 Traction motor (3 per bogie)
- Suspension - Axle hung/ Nose Suspension
- Gear Ratio - 18:74

Truck

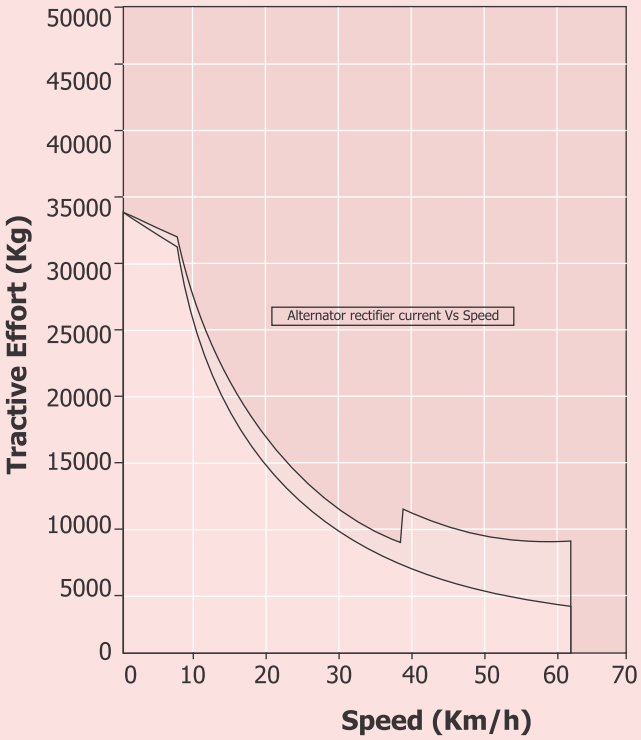
- Tri-mount Fabricated / Cast, Co-Co Bogie
- Adhesion - 0.27

OUR LOCOS MOVE THE NATION

General Characteristics	
Installed Power	1350 HP /1150 HP
Axle Load	21T
Gauge	1676 mm
Wheel arrangement	Co-Co
Wheel diameter	1092 mm
Height	4127 mm
Width	3016 mm
Overall Length (Over Buffer Beam)	16150 mm
Weight	126 T
Max. tractive effort	34.02 T
Maximum Speed	65 Kmph
Fuel tank capacity	5000 ltrs
Locomotive Control	Microprocessor Control



Tractive Effort Chart



For enquiries contact:
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