

# SDD5 Fixed Tandem Diesel Locomotive for Freight Transport

This diesel locomotive is designed for trunk line freight transportation. It is equipped with a 3,240kW diesel engine and synchronous brushless excitation.



## Overview

### High-Performance Freight Locomotive

The SDD5 fixed tandem diesel locomotive is engineered for demanding main line freight transportation. Its robust tandem configuration provides enhanced power and tractive effort to meet heavy-duty hauling requirements. Designed for reliability, the unit operates efficiently across diverse environmental conditions.

## Performance Metrics

### Power Performance

**3240 kW**

Engine Rated Power

**2940 kW**

Engine Service Power

## Technical Specifications

Axle Arrangement	Co—Co
Wheel Diameter	1050 mm
Service Weight	138 t
Axle Load	23 t

## Operational Conditions

Ambient Temperature	-30 to +40°C
Operating Altitude	350 - 450m
Relative Humidity	75 %

## Infrastructure

Gauge	1520 mm
Max Gradient	9‰ ~ 12‰