

# EuroDual

## Data Sheet (German configuration)



| Locomotive Data            |  |
|----------------------------|--|
| Locomotive Type            | DUAL: Electric Diesel                        |
| Environmental Conditions   | -25 °C / + 40 °C / 1400 m<br>WINTER.: -40 °C |
| Energy Supply              | 25kV 50 Hz / 15 kV 16,7 Hz                   |
| Power @ wheel              | 6150 kW                                      |
| Diesel Engine              | 2800 kW (opt. 3000 kW)                       |
| Maximum speed              | 120 km/h (opt. 160 km/h)                     |
| Starting Tractive Effort   | Max. 500 kN                                  |
| Continuous Tractive Effort | 430 kN                                       |
| Weight                     | 126 t  |
| Axle configuration         | Co' Co'                                      |
| Clearance                  | EN 15273-2: profil G1                        |
| Min. Curve Radius          | 90 m in Depot / 130 m in Line                |
| Length over buffers        | 23.020 mm                                    |
| Width                      | 2.900 mm                                     |
| Height                     | 4.290 mm                                     |
| Traction Motors            | 6 Asynchronous motors                        |
| Traction Control           | Axle control                                 |
| Electric Brake             | Regenerative: 6200 kW/ / Rheostatic: 2000 kW |
| Electric Brake Effort      | 240 kN                                       |
| Mechanical Brake           | UIC two distributors G/P                     |
| Parking Brake              | 40 ‰ gradient                                |
| Air Compressor             | 2,400 l/min (opt. 3,000 l/min)               |
| Track gauge                | 1.435 mm                                     |
| Axle distance              | 3600 mm (1800 + 1800)                        |
| Wheel diameter (new/worn)  | 1100 mm / 1020 mm                            |
| Sand capacity              | 480 l (8 x 60)                               |