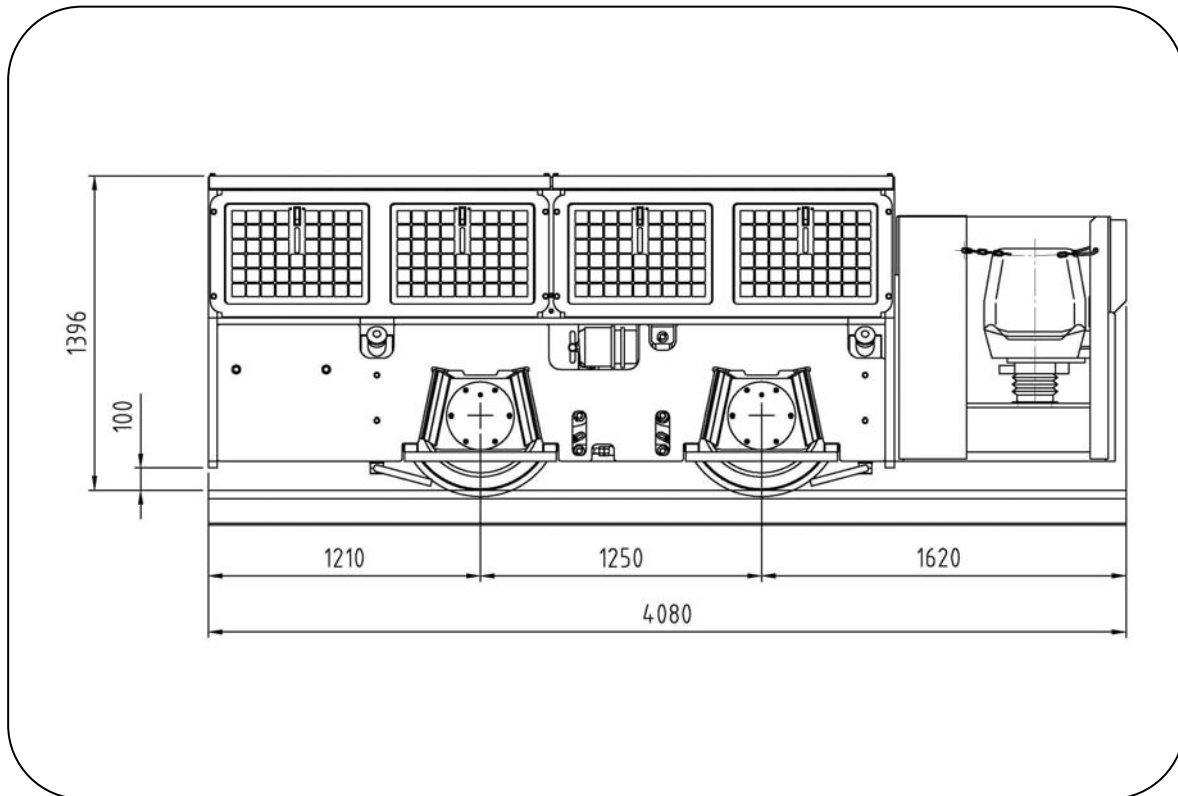


Diesel Locomotive D8



Engine

Deutz water cooled engine including silencer and Catalytic purifier
Type BF04L2011, 58 kW at 2800 rpm.

Electric system

| | |
|--|-----------------|
| Voltage | 24 V |
| Battery capacity | 2 x 70 Ah |
| Generator capacity | 40 A |
| Lamps, 2 white and 2 red (changing when driving in rear direction) | |
| Loud-tone horn | 1 x 24 V 335 Hz |

Transmission

The transmission of this locomotive is hydrostatic including a cooling and filters units.

Speed forward/reverse, 0 – 15 km/h

Frame construction

The chassis and cabin are made of heavy-duty plate joint with continuous welds for max fatigue strength. The thick end plates are adaptable to most occurring couple variants.

Axles

The wheel axle is chain driven and carried in spherical roller bearings mounted in the axle boxes. The bearing is tightened with labyrinth and sleeve cover.

The axle suspension is made of service free rubber element of "Chevron" type and is mounted directly on the axle box.

The wheels are made of "solid wheel type", rolled steel design, and are applied with shrinkage fit between wheel and axle. Both wheels and flange are flame-hardened to min 320HB.

Wheel diameter 660 mm

Brakes

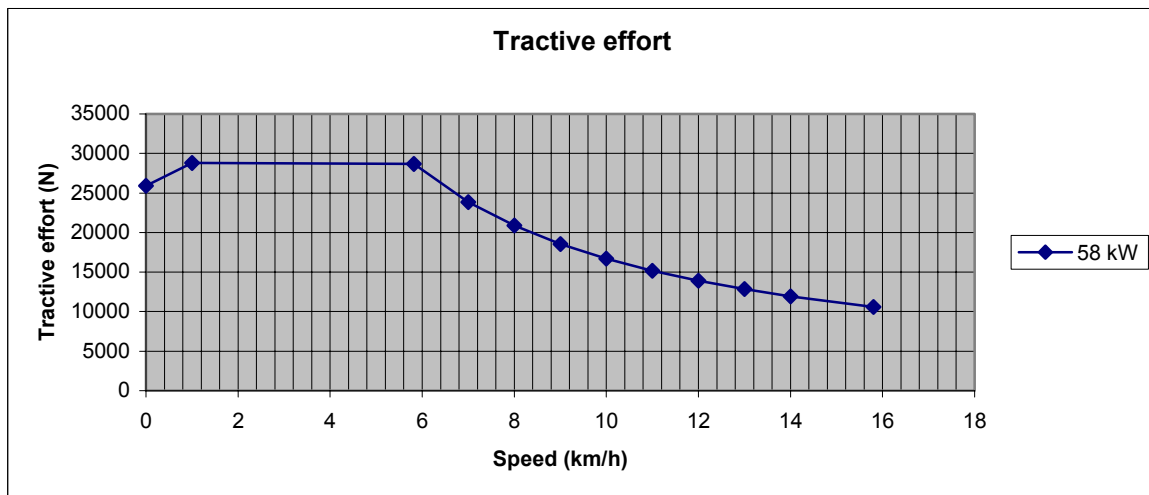
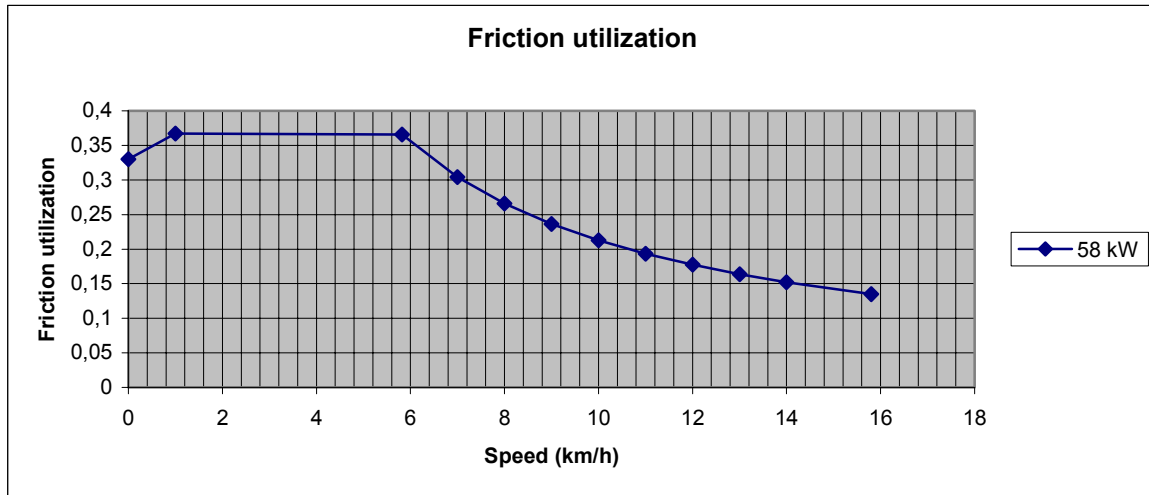
The pneumatic brake system with cast brake shoes acts directly on all wheels.

There is also a spring suspended parking/emergency brake that brakes automatically when the air pressure falls.

| | |
|---|----------------------------|
| Brake area | 300 cm ² /wheel |
| B.P, brake $\mu = 0.16$ | approx.13 kN (1300 kp) |
| B.P, parking/emergency brake $\mu = 0.13$ | approx.10 kN (1000 kp) |

D in series 8 – 12 ton

D8



Drivers seat

The drivers' seat with control panel is supplied with adjustable armrests for a comfortable driving position. Front window supplied with windscreen wiper washer. Cabin has also a folding door and one portable fire extinguisher.

Operating equipment and instruments

The locomotive operates via a traditional system.

Instruments:

Tachometer with hour counter, Fuel gauge, Warning lights and Ignition lock.

Volume Data-service

| | |
|---------------------------|----------------------|
| Engine oil volume | 10,5 dm ³ |
| Fuel tank | 200 dm ³ |
| Transmission incl. cooler | 90 dm ³ |

Dimensions and weights

| | |
|------------------------------|-----------------|
| Total length, excl. couplers | 4320 - 4680 mm |
| Width | 1150 mm |
| Total height from rail | 1400 mm |
| Gauge | 600 mm |
| Weight | 8.000-12.000 kg |

The manufacturer reserves the right to make modifications without prior notice
MN.200710

Couplers

Pin couplers

Options

Particle filter, Dinex
Wagon brakes
Sanding equipment
Sprinkler system, FOGMAKER
Willison couplers or similar
Climate system
Camera and monitor
Radio controlled
CE mark according to European standard:
EN 1889-2:2003

Other options and dimensions on request

Contact us for further information

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