

DATA SHEET

DE 18

Four-axle diesel-electric locomotive for heavy line and shunting service in Sweden and Norway



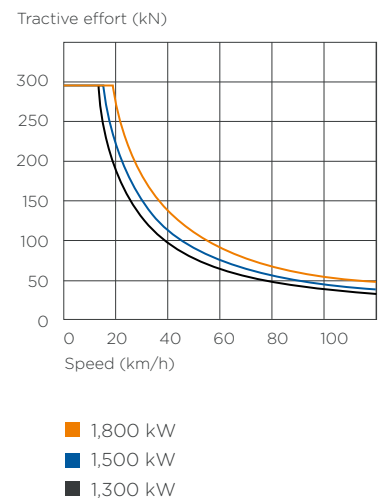
The DE 18 vehicles with centre cab are ideally suited for heavy shunting operations with high tractive power. The locomotive is also designed for medium and long-distance transport and can be used across borders in Sweden and Norway thanks to its ETCS and ATC equipment.

Technical data

DE 18

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|----------------------|---|
| Manufacturer | Vossloh Rolling Stock |
| Engine type | MTU 12 V 4000 Stage V |
| Engine output | 1,800 kW |
| Tractive effort | 300 kN |
| Operating speed | 120 km/h |
| Operating weight | 90 t |
| Tank volume | 3,700 l |
| Length over buffers | 17,000 mm |
| Minimum curve radius | 75 m |
| Homologation | NO, SE |
| Train Control System | ETCS Level 2 Baseline 3 Version 3.6.0 (Release 2), STM ATC-2, EDOR |
| Miscellaneous | Air conditioning, ambient temperature range T1 (-25 °C up to +40 °C), automatic start/stop, MESA 26, multiple traction for up to three locomotives, preheating system |

Tractive effort on wheel



Source: Vossloh Rolling Stock