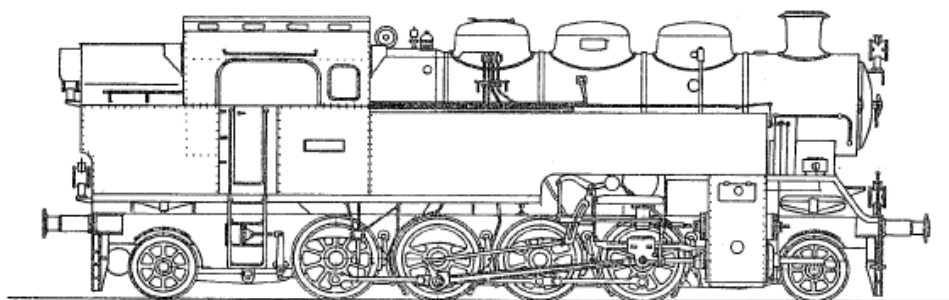




Steam locomotive 433.025



Characteristics and technical data of the locomotive

Steam tank locomotive for passenger trains and freight trains on the local railways.

Characteristics	2-8-2
Gauge	1 435 mm
Number and bore of cylinders	2 × 480 mm
Piston stroke	570 mm
Driving wheels diameter	1 150 mm
Leading and trailing wheels diameter	880 mm
Steam pressure	15 bar
Grate area	2,07 m ²
Heating surface of the boiler, water side	105,41 m ²
Heating surface of the superheater, steam side	33,8 m ²
Weight in working order	54,6 t
Maximum speed	60 km/h
Minimal radius of the track	100 m
Total length	12 120 mm
Water capacity	11 m ³
Coal capacity	5 t

History of the locomotive

- 1948 - produced by the ČKD Praha as a serial number 2422/1948 for the Czechoslovak State Railways
 - put into the operation in the locomotive depot Leopoldov (Slovakia)
- 1953 - transferred to the locomotive shed Brno
- 1959 - transferred to depot Břeclav
- 1961 - transferred back to Brno
- 1976 - end of regular operation on the tracks of Czechoslovak State Railways
 - sold to sugar factory Trenčianska Teplá (Slovakia)
- 1985 - end of operation on the sugar factory siding
- 1990 - bought by the IMC Plzeň
- 1992 - transported to Plzeň, deposited in the locomotive depot

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