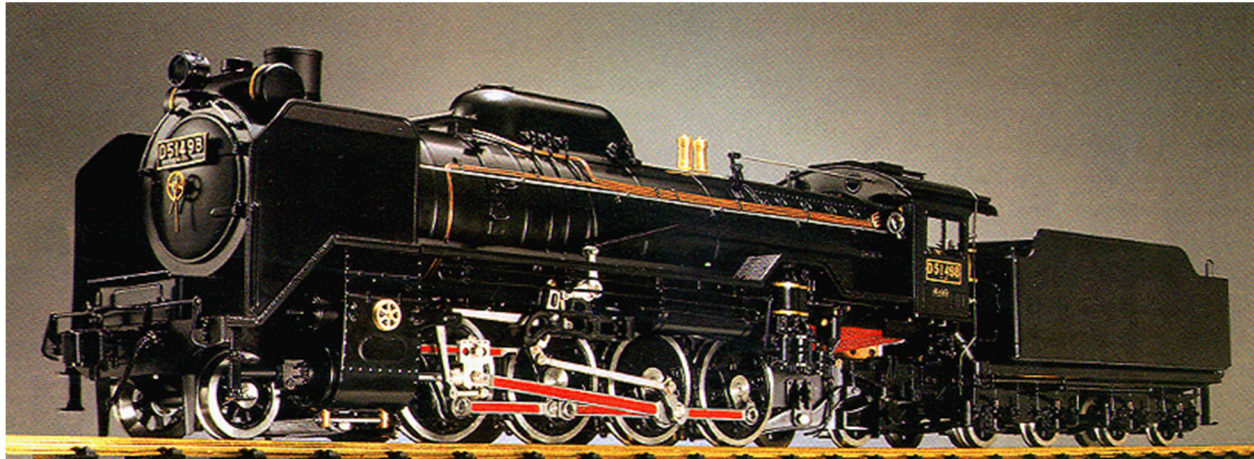




JNR D51 No. 498

D51s was one of the most popular steam locomotives in Japan. It was used for both freight and passenger service throughout Japan, from Hokkaido to Kyushu. A total of 1,115 D51 locomotives were manufactured. The D51, first manufactured in 1936, is classified into three groups: the early type with the heater, steam dome, and sand dome integrated into a streamlined dome; the standard type with the heater moved to the front of the chimney for easier maintenance; and the wartime type. Aster Models has released D51 327, one of the standard types used in northern Japan. The 1992 release was D51 498, which was used by JR East and was a more detailed version of the 327 released in 1980.

Specifications

Scale/Gauge: 1/30, 45 mm (back to back 40 mm)

Weight: 6.9 kg (Engine 5.0 kg + Tender 1.9 kg)

Dimensions:

Length: 691.5 mm

Width: 102 mm

Height: 135.5 mm

Wheel Arrangement: 2-8-2 (141) Mikado. All wheels sprung and equalized

Driving Wheels: Diameter 45.5 mm Box-Pok type, made of stainless steel

Cylinders: 2 Cylinders (Bore 13 mm x Stroke 22 mm) made of phosphor bronze

Valve Gears: Walschaerts with screw reverser

Boiler Type: Locomotive Type (1 x center fire tube, 3 x small fire tubes and 6 x water tubes)

Fittings: 2 x Safety Valves, Regulator (Throttle), Blower Valve, Pressure Gauge, Water Gauge, Blowdown Valve, Water Check Valve, Whistle Valve, and Super Heater

Capacity: 300 cc of water at 80% full

Pressure: 3.5 kg at normal working level

Tender:

Fuel Tank: Alcohol Tank Capacity 230 cc

Water Tank: Capacity 350 cc of water with feed water hand pump installed

Burner: 3 Wick Tube Alcohol Burner

Lubricator: Roscoe Displacement Type

Feed Water Hand Pump: Bore 10 mm x Ram Stroke 16 mm

Axle Driven Water Pump: Bore 5 mm x Ram Stroke 6 mm

Couplers: Open Jaw Knuckle Couplers mounted.

