

GERMAN DB BR80

1:32 Scale • 45mm Gauge

Compact Size. Pure Aster Engineering.



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Aster Hobby - The BR80 may be one of the smallest locomotives in the Aster lineup, but it embodies everything that has made Aster the world's most respected name in live steam locomotives for over 50 years.

Designed as a rugged German yard locomotive, the BR80 combines compact dimensions with exceptional pulling power and unmistakable European character. Its modest size makes it ideal for smaller layouts and tighter curves, while its robust 0-6-0 wheel arrangement delivers impressive performance on the track.

Like every Aster locomotive, the BR80 is engineered not simply as a model, but as a **fully functional** miniature steam locomotive.

Full Aster Functionality

- * Live Steam Operation
- * Fully Functional Walschaerts Valve Gear
- * Operating Reversing Gear
- * Working Displacement Lubricator
- * Hand Pump
- * Axle Pump
- * Safety Valve
- * Water Gauge
- * Blower Valve
- * Drain Cocks
- * Radio Control Ready

* Brass and Stainless Steel Construction

Every component has been carefully engineered to replicate the operation and experience of the full-size locomotive. From the movement of the valve gear to the operation of the pumps and controls, the BR80 delivers the mechanical authenticity that Aster enthusiasts expect.

The BR80 delivers all the operating sophistication of a full-size Aster locomotive in one of the most compact and accessible packages ever offered.

Museum-Quality Craftsmanship

Built in Japan using precision-machined brass and stainless steel components, the BR80 reflects Aster's commitment to engineering excellence, reliability, and attention to detail. Every rivet, pipe, fitting, and moving component has been faithfully reproduced to create a model that is equally at home on the track or in a display case.

The Perfect Introduction to Aster

Compact, powerful, and remarkably detailed, the BR80 offers an exceptional entry into the world of Aster live steam while maintaining all of the sophistication and operating features that experienced collectors demand.

Compact Size. Full Functionality. Pure Aster Engineering.

SPECIFICATIONS	
Scale	1:32
Gauge	45mm
Weight	2.8kg (dry)
Length	303.8mm
Width	98mm
Height	130.5mm
Wheel Arrangement	0-6-0
Driver Wheel Diameter	35mm
Axle Driven Pump	Bore 5mm x Ram Stroke 6mm
Cylinder	2 Cylinders with piston valves Bore D10mm x Stroke 22mm
Valve Gear	Walchaert (Heusinger)
Boiler Type	Center Flue
Water Capacity	136cc at 80% full
Boiler Fittings	Two safety valves, Water Gauge, Pressure Gauge, Throttle valve, Bypass valve, Blow-down valve (Washout plug), Whistle valve, Hand pump
Lubricator	Roscoe displacement type
Water Tank	60cc water tank with hand pump, located on the left side
Fuel	Butane
Fuel Capacity	Two 250cc gas tanks, 500cc total capacity
Minimum Radius	1M (3ft)

