

## **BMW Motorsport.**

### **Brabham BMW BT52 Turbo.**

#### **History**

The regulations were changed at short notice and the development team under Gordon Murray had just four months to develop a new racing car for the 1983 season. Nelson Piquet clinched victory in the first race in Brazil. A mid-season revision improved aerodynamics as well as providing more power. Nelson Piquet turned out to be a consummate professional in his careful handling of the sensitive turbo engines. He only ever drew on the amount of power needed to hold a good position. In the final race in Kyalami, third place was sufficient for him to make history as the first world champion in the turbo era.

#### **Year**

1983

#### **Driver**

Nelson Piquet – Formula 1 Worldchampion 1983

#### **Technical data**

Engine	4-cylinder in-line, Turbo, 16 valves
Displacement	1499 cc
Bore x Stroke	89.2 x 60 mm
Power output	680-790 hp for qualifying; 630-700 bhp in the race (depending on boost pressure)
Gearbox	Hewland 5- or 6-speed
Brakes	Six piston light alloy calipers
Weight	540 kg
Max. speed	340 km/h (211 mph)