





# **Gain power with ease:**

# Turbocharger for 1.5 I transversely installed gasoline engines of the BMW Group

This turbocharger innovation with its water-cooled aluminum turbine housing saves almost 30 % in weight compared with steel turbochargers and reduces costs and emissions thanks to a faster heat-up. It has been in large-scale serial production since 2014. Since 2016, the BMW Group's 1.5-liter gasoline engines equipped with this turbocharger model have constantly received various honors at the International Engine + Powertrain of the Year Awards in the 1.4–1.8-liter and under 150 hp classes.

# **Technical specifications**

- > Water-cooled aluminum turbine housing
- > Designed for high exhaust gas temperatures
- > Milled aluminum compressor wheel
- > Water-cooled, low-friction bearing system
- > Highly effective sealing system
- > High thermodynamic performance
- > Wear-optimized electric wastegate system for optimum charge pressure control

# Water-cooled aluminum housing

The water cooling of the aluminum housing surface eliminates the need for thermal protection of neighboring components. You can see exactly how this works in our video at: youtu.be/IMCPpFHTOpk





### **Engine data**

> BMW 1,499 cm<sup>3</sup>, 3-cylinder

> Torque: 220 Nm at 1,250 - 4,300 rpm

**>** Power: 100 kW at 4,400 rpm

> CO<sub>2</sub> emissions: 116 g/km

An overview of all Continental turbocharger models can be found on our website at:





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### **Ordering information**

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