

optibelt

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Products & Applications

ALPHA Power

- up to 30% additional power
- available in all standard sections
- greater flexibility thanks to material improvements

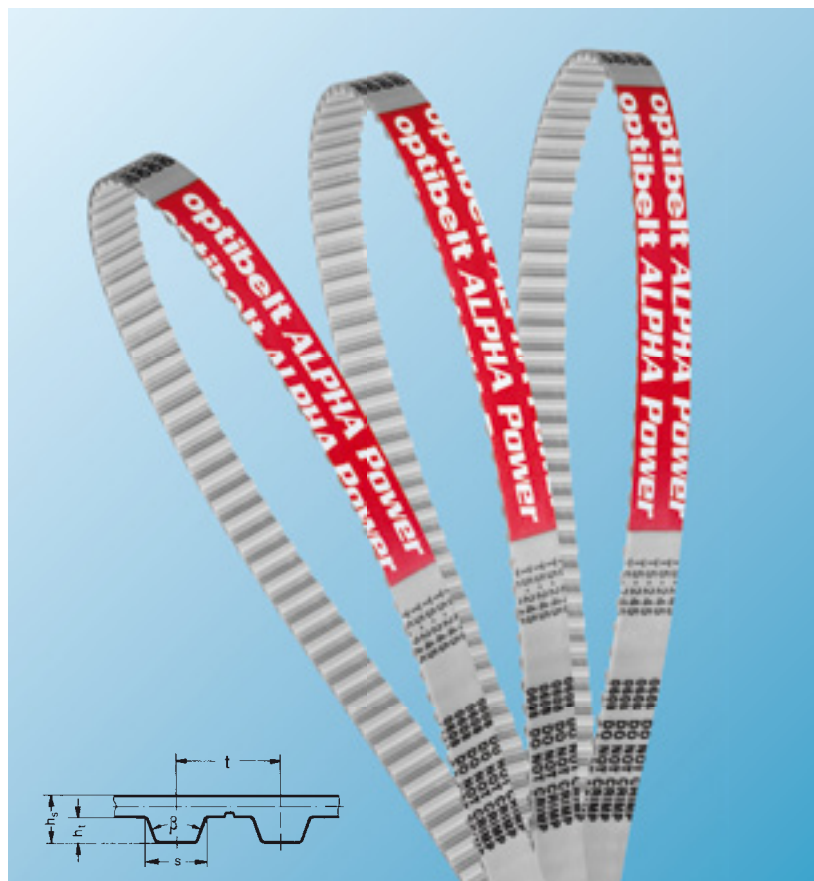


Drive solutions with Optibelt

optibelt *ALPHA Power*

High performance polyurethane timing belts

The powerful Optibelt **ALPHA Power** timing belts are the result of consistent further developments. The versatile experiences with the ALPHA standard timing belts have been implemented in this belt generation. With new, more resistant and more durable polyurethane compounds, this generation possesses an increase in power of up to 30% in comparison with the previous standard belts.



The optimised interaction between the polyurethane and steel cord components guarantees that the **ALPHA Power** is a highly economic solution for the most various of usage areas. The Optibelt **ALPHA Power** high performance timing belt is produced in the following sections: T2.5; T5; T10; AT5; AT10 as well as double tooth sections.

Further characteristics:

- Thanks to the improved material quality, the hardness could remain at approx. 87 Shore A, meaning that the previous high level of flexibility of the proven Optibelt ALPHA remains intact.
- Thanks to new materials, the Optibelt **ALPHA Power** possesses an improved UV stability. The UV rays do not generate any "penetration".
- The belts possess an improved resistance to hydrolysis. High levels of air moisture and direct contact with water can be resisted in an improved manner.
- The long-term stability of the belt has been substantially increased. This means that the belt tension remains at an almost constant level over the running time. Tensile strength reduction over time is minimal.

Advantages:

- Higher power transfer – up to 30% in comparison with conventional standard polyurethane timing belts
- Longer operational life thanks to optimised materials
- Runs in all conventional standard timing pulleys
- Available in the following sections: T2.5; T5; T10; AT5; AT10