

optibelt



Power Transmission

High performance timing belts

optibelt *OMEGA HP*

The Optibelt OMEGA HP high performance timing belt was especially developed for heavily loaded, high speed drives. Improved materials and highly developed process engineering form the basis for this very high performance level. For every power transmission requirement there is an appropriate belt section.

Advantages

- High performance timing belt for extremely large loads at high rotational speeds
- Highest precision, exact synchronisation
- Temperature-resistant from $-30\text{ }^{\circ}\text{C}$ to $+100\text{ }^{\circ}\text{C}$
- Up to 2 times the power transmission capability of standard version
- Up to 18 times the life compared to standard timing belts
- Very low noise generation
- Low bearing loads
- Maintenance-free
- Increase power transmission results in drive size reductions, saving cost

Faster, stronger, more compact – that is how the new Optibelt OMEGA HP presents itself, a timing belt for the highest demands.

Examples of Applications

- Textile machines
- Machine tools
- Compressors
- Printing presses
- Wood working machines
- Paper making machines



Sections:

3M HP; 5M HP; 8M HP; 14M HP

Dimensions:

111 to 4578 mm

Timing pulleys:

Optibelt OMEGA HP timing belts do not require any special pulleys. The section is tailored to the standard HTD[®] and RPP[®] pulleys.