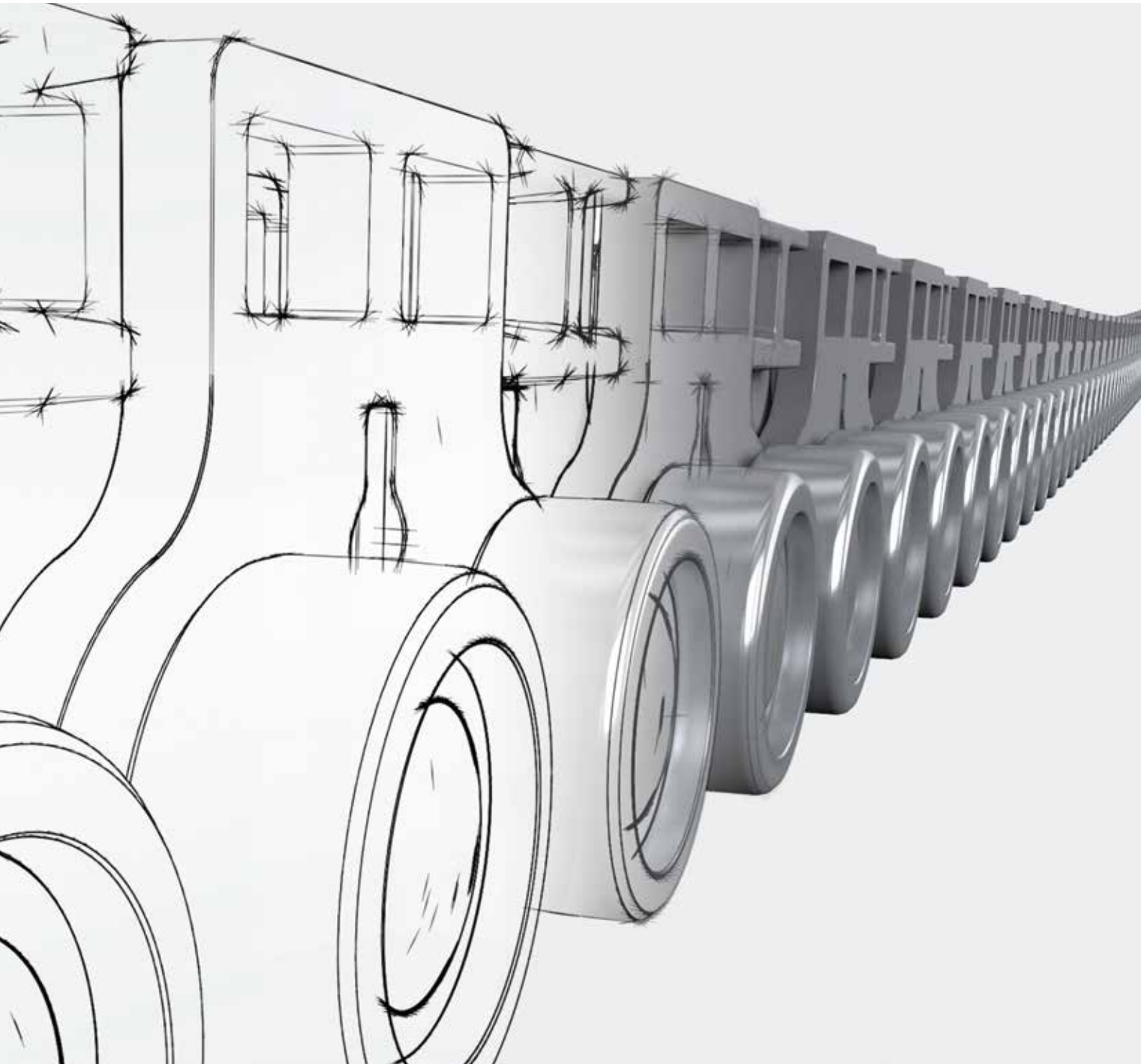




**Siempelkamp**



# HPC-40

High Performance roller rod Chain

The High Performance Chain HPC-40 is a roller rod chain which complies with today's requirements of highest production speeds of a ContiRoll® associated with frequent product changes. Process conditions, which are most discerning with respect to the material used. In collaboration with Regina Chain, Siempelkamp has developed the high-performance chain HPC-40 which offers a reliable and permanent performance under all process conditions.

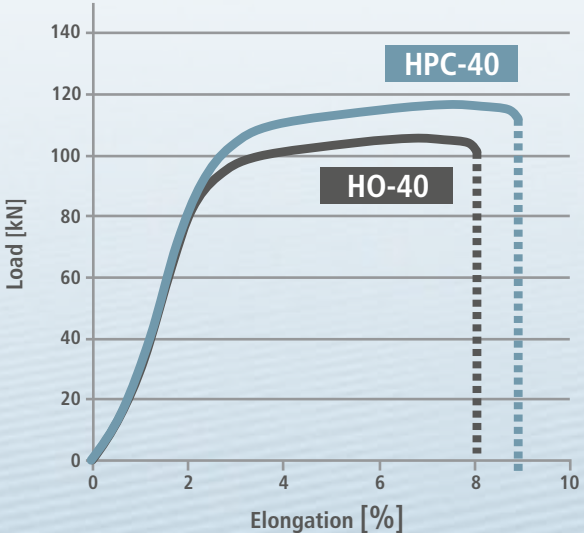
HPC-40 is a roller rod chain with clearly defined characteristics developed with regard to modern mechatronic monitoring systems – created to enable reliable performance monitoring. Modern, computer-aided, reproducible manufacturing processes enable a more precise assembly of the individual components thus extending their service lives significantly. Sensors monitor the wear thus contributing to an extended overall service life of HPC-40.

For HPC-40, it was possible to extend the breaking load by 30% and the fatigue strength by 40%, as we were able to eliminate the risk of fatigue factors. Existing plants can, of course, be retrofitted with the new HPC-40. HPC-40 helps fully utilise the features and functions of a modern ContiRoll® in a fast continuous operation.



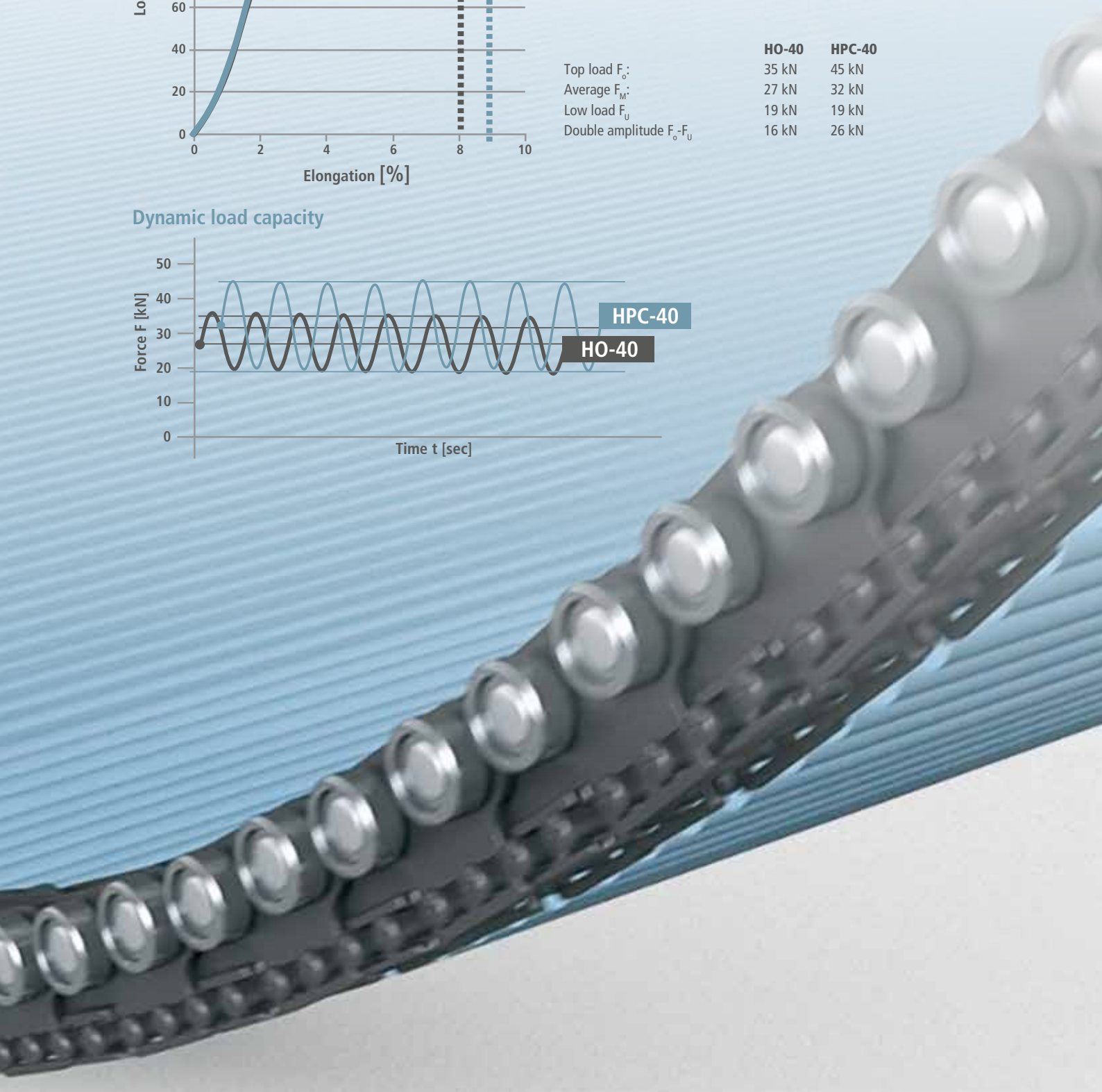
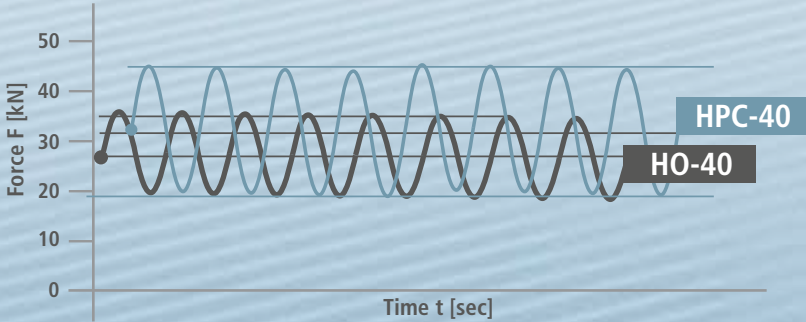
# High performance chain HPC-40 opposite standard chain HO-40

## Breaking load



	HO-40	HPC-40
Top load $F_o$ :	35 kN	45 kN
Average $F_M$ :	27 kN	32 kN
Low load $F_U$ :	19 kN	19 kN
Double amplitude $F_o - F_U$ :	16 kN	26 kN

## Dynamic load capacity





# Siempelkamp

## YOUR CONTACT

Guido Pesch

Tel. +49 2151 92-4345

[guido.pesch@sls.siempelkamp.com](mailto:guido.pesch@sls.siempelkamp.com)

Leadership in Technology

[www.siempelkamp.com](http://www.siempelkamp.com)