

Voith Turbo Highly Flexible Couplings TVM Smart 2



Innovative Technology

Voith Turbo Hochelastische Kuppelungen GmbH & Co. KG puts high value on the innovative development of the already proven technology of Küsel couplings.

Experience in design, theory and measurement of torsionally excited drivelines have been the basis of cooperation with our customers for over 35 years.

Troubleshooting with professional torsional vibration measurement

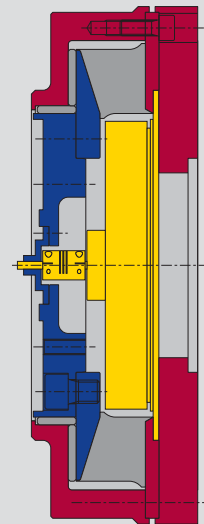
The vibrational load in the driveline means constant stress for the individual components. We offer a torsional vibration measurement with a calibrated system through the installation of a TVM 2 Smart coupling. After completion of the measurement in a realistic operation we evaluate the data and offer you an engineered solution.

The coupling measures self-sufficiently:

- speed
- temperature
- torsional angle

After evaluation of the results from the TVM we are in a position among other things to make an accurate prediction about the operating life of a coupling.

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Features		Advantages
General	<ul style="list-style-type: none"> ■ Measurement of torsional vibrations ■ Coupling is equipped with sensor technology and memory ■ Evaluation and processing of collected data as well as demonstration of possible solutions in head office 	<ul style="list-style-type: none"> ■ Meaningful measurement with a pre-calibrated unit ■ Faster, more independent application on site ■ Measurement on site without specialist ■ Short-term check of need for action ■ Analysis, interpretation and recommended solutions
Transmission of raw data	<ul style="list-style-type: none"> ■ Confidential data preparation 	<ul style="list-style-type: none"> ■ Voith as a strong partner who is familiar with your problems
Optional	<ul style="list-style-type: none"> ■ Measurement of all operating states (Start, Stop, High dynamic drives, etc.) 	<ul style="list-style-type: none"> ■ Extended measurement time
	<ul style="list-style-type: none"> ■ Identification of estimated operational lifetime of a highly flexible coupling 	<ul style="list-style-type: none"> ■ Minimization of LCC ■ Stipulation of preventive maintenance ■ Avoiding failures

VOITH
Engineered reliability.