

## Soft transitions, firm damping: CENTAFLEX-RSD coupling for Z-drives

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Haan, 30. October 2009 - CENTAFLEX-RSD, a coupling specifically for diesel-driven Z-drives, will be presented by CENTA for the first time at the METS in Amsterdam (17. until 19. November 2009, Hall 4, German Pavilion). The new design with a progressive characteristic ensures softness in coupling transitions, while suppressing annoying gear chatter. Comfort on board is significantly increased.

As a reaction to an increased demand by engine manufacturers for compact and economic couplings for leisure time activities, CENTA has expanded its CENTAFLEX-R series by another highly flexible design. The CENTAFLEX-RSD roller coupling with a progressive characteristic is designed specifically for diesel-driven Z-drives and shows only minor stiffness under small loads. Torsional vibrations are then shifted to ranges below idle speed. The stiffness of the coupling gently adapts as the load increases. Hence, rattling noises and coupling shocks are effectively suppressed and comfort aboard is significantly increased.

Besides low weight and high flexibility, users of the new CENTAFLEX-RSD will enjoy cost benefits compared to standard solutions, making the coupling a true alternative for diesel-driven Z-drives. The METS in Amsterdam is the venue for the first presentation of the design. You can meet CENTA in the German Pavilion in Hall 4.

The innovative CENTA couplings and drive systems have ongoing adaptations to meet the most recent technical demands and requirements. A wide range of innovations has made the company, with its near 40 years of history, one of the world's leading manufacturers of flexible couplings and drive shafts for industry, marine, and power generation applications. Further information can be obtained at [www.centa.info](http://www.centa.info)

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