

Certified quality for offshore applications - ROBA®-DS shaft couplings tested by DNV GL

Whether in the drives of ship propellers, mobile platforms such as drilling platforms for oil and gas extraction, or also in tidal power plants – the areas of application for disk pack couplings in the maritime industry are diverse. For example, if the main drive of a ship propeller is an electric motor, then spring steel disk pack couplings such as the ROBA®-DS by mayr® power transmission provide decisive advantages. These couplings are

robust, reliable and temperature-resistant: They are therefore particularly suitable for use in extreme environmental conditions at sea. Furthermore, the ROBA®-DS couplings are wear-free, i.e. they reduce the maintenance effort required to a minimum. Just as for the previous model ROBA®-D, mayr® power transmission has also received the type approval from the DNV GL (Det Norske Veritas und Germanic Lloyd) for this even more compact and

and backlash-free

The nominal torques stated in the catalogue can be utilised without any limitations using the ROBA®-DS disk pack coupling. A reduction of the nominal torque due to misalignment, overall load configuration or balancing requirements is not necessary.

The couplings are compact and feature a high performance density and small dimensions – ideal for ship engines, in which only little installation space is available. In case of providers who have to take misalignments and alternating torques into consideration when dimensioning, a larger coupling frequently has to be selected for the same nominal torque and also the same speed. The ROBA®-DS

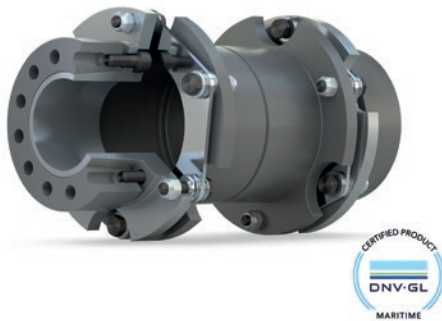
high performance density ROBA®-DS all-steel coupling up to construction size 2200. This certificate confirms the high quality and reliability of the coupling with customary safe dimensioning and design, and ensures the maximum possible operating and functional safety for use on the high seas.

High performance



The compact and high performance ROBA®-DS disk pack couplings by mayr® power transmission have been certified by DNV GL. They ensure maximum possible operational and functional safety for users on the high seas. Image source: shutterstock/am70

disk pack couplings transmit torques up to the nominal torque absolutely backlash-free and with a consistently high torsional rigidity. The shaft misalignments stated can be utilised to 100% without influencing the transmitted torque. The disk pack couplings compensate radial, axial and angular misalignment of shafts, and as a result protect the bearings against undesired loads, and therefore against unnecessary downtimes and costs.



The high performance and robust ROBA®-DS disk pack couplings are especially suited for operations in extreme environmental conditions at sea. The type approval by the DNV GL confirms the high quality and reliability of the couplings and ensures maximum possible operating safety on the high seas. Image source: mayr® power transmission

Matrix bags Indian Design Mark Award 2016

Matrix Telecom and Security products SPARSH VP330, SPARSH VP510, NAVAN CNX200 and COSEC VEGA have been awarded the India Design Mark, by the India Design Council.

The India Design Council is affiliated with India's Ministry of Commerce & Industry and is made up of eminent people in academia, design and industry organizations. India Design Mark is initiated in cooperation

with Good Design Award, Japan. Design Mark symbolizes product excellence in form, function, quality, safety, sustainability and innovation and communicates that the product is usable, durable, aesthetically appealing & socially responsible. Through India Design Mark the India Design Council seeks to inspire Indian manufactures to design remarkable products that enrich the lives of people in India.



"I am very pleased with this recognition that four of our flagship products have received. This award not just realizes our efforts but also motivates us to continue creating more new and innovative products. It stands for the quality of Matrix products."

Ganesh Jivani
Managing Director, Matrix Comsec