

Press release

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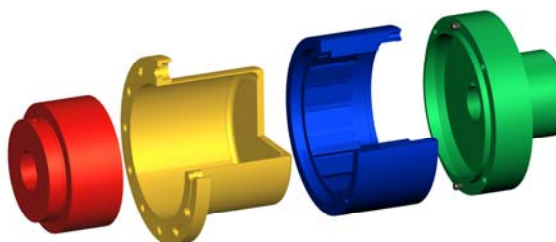
hermetically sealed

New magnetic coupling design for Maag gear pumps

“In today’s society, where environmental protection and safety are important issues in the chemical industry, processes have the need for sealing systems which can handle the most demanding requirements”, says Andreas Bachmann, Industrial Product Manager. “Maag Pump Systems Textron has recognized this and has redesigned and improved the magnetic coupling for a wide range of applications.” The main advantages of the new magnetic coupling are the lower prices and the shorter delivery times. Using standardized parts embedded in a new design Maag was able to lower the prices up to 50 percent. Furthermore, the delivery time is only four to six weeks. “Of course by maintaining our renowned first class quality”, Andreas Bachmann is emphasizing. Magnetic couplings are sealing systems which utilize no moving sealing parts. The product space is completely isolated from the surrounding with a containment shell. The drive torque is transmitted with heavy-duty Samarium-Cobalt permanent magnets from the motor shaft to the pump shaft, which is located inside the containment shell. With this design dangerous, toxic or malodorous fluids as well as very pure or highly sensitive media are hermetically isolated from the outside environment. Furthermore, the magnetic coupling is virtually maintenance-free and hence the availability of your plant is very high. For difficult and demanding applications the existing design will still be available. The sales engineers are pleased to help finding the right design and materials for customers application. Further information is available on [www.maag.com](http://www.maag.com)



standard magnetic coupling



parts of the standard magnetic coupling