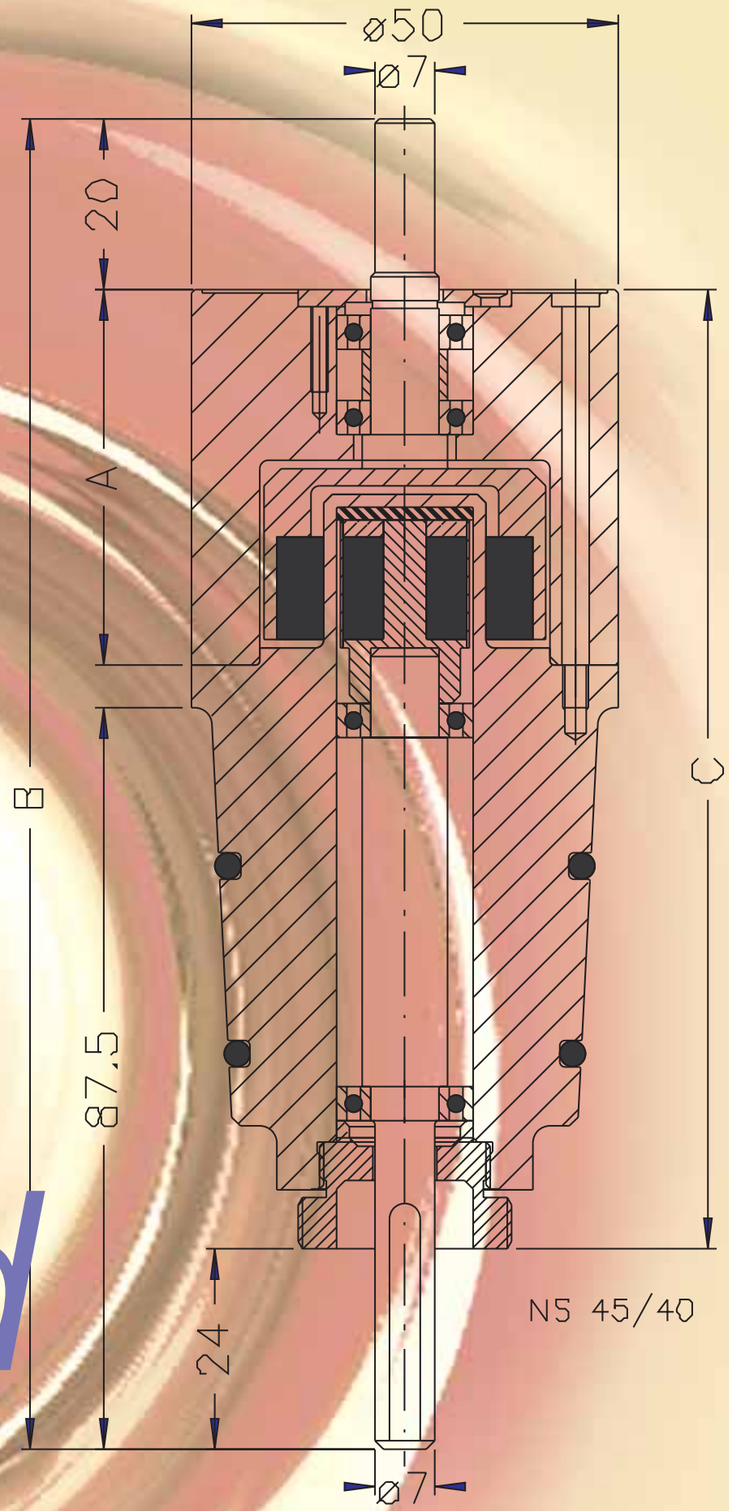
The magnetic stirring action of «alluro» (MRK 2): Power is transmitted from the stirrer motor to the drive collar by means of a flexible coupling. The drive collar is fitted with a magnetic ring, which uses the mutual attraction of the magnetic fields to couple with the inner magnet. This means that the stirrer shaft is driven without any contact.

magnetic stirrer head alluro

mrk



Torque	*20 Ncm*	*40 Ncm*	*60 Ncm*	*90 Ncm*	*20 Ncm*	*40 Ncm*	*60 Ncm*	*90 Ncm*
Product no.	*2/20*	*2/40*	*2/60*	*2/90*	*2/20 HC22*	*2/40 HC22*	*2/60 HC22*	*2/90 HC22*
Material	*WNr. 1.4435*	*WNr. 1.4435*	*WNr. 1.4435*	*WNr. 1.4435*	*HC22*	*HC22*	*HC22*	*HC22*
WNr./AISI	*AISI 316 L*	*AISI 316 L*	*AISI 316 L*	*AISI 316 L*	*–*	*–*	*–*	*–*
T °C	*240*	*240*	*240*	*240*	*240*	*240*	*240*	*240*
Max. vol. ml	*2000*	*4000*	*6000*	*10000*	*2000*	*4000*	*6000*	*10000*
A mm	*44*	*56*	*78*	*100*	*44*	*56*	*78*	*100*
B mm	*156*	*168*	*190*	*212*	*156*	*168*	*190*	*212*
C mm	*113*	*125*	*147*	*169*	*113*	*125*	*147*	*169*

Connection and seal

- *Ground joint NS 45/40*
- *Double seal to glass reactor, with two consecutive Viton O rings. In the Hastelloy or titanium versions, the grooves increase in size, and the quality of the O rings changes to EPDM or Kalrez.*

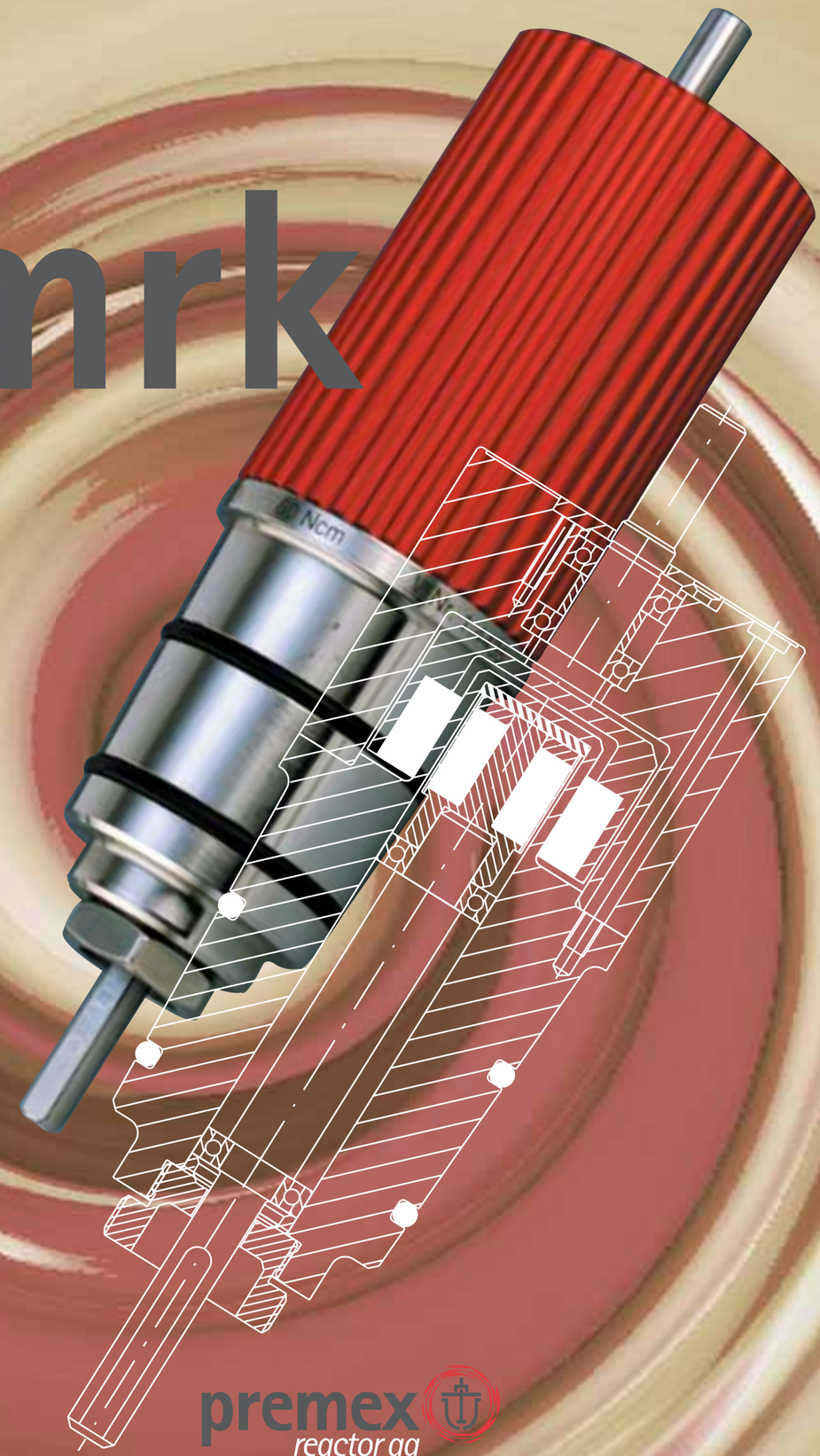
Material

- *All parts coming into contact with the medium are made of corrosion-resistant material DIN 1.4435. We offer the same line in Hastelloy C22 for aggressive media. Titanium, tantalum and types of Inconel can also be used.*

Drive / torque and bearing

- *The best solution is to connect the MRK to a factory-fitted drive motor via a flexible stirrer component. The standard drive shaft of the MRK is 7 mm in diameter. A square 6 mm connection is also available.*
- *The torque of the magnetic coupling can be increased from 20–90 Ncm.*
- *Corrosion-resistant ball bearings are used in the driven shaft for a maximum speed of 3000 rpm. Hastelloy or titanium versions use friction bearings for a maximum speed of 1600 rpm.*

micro mrk



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