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**Connection and seal**

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- 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.

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**Material**

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- 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.

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**Drive / torque and bearing**

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- 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.

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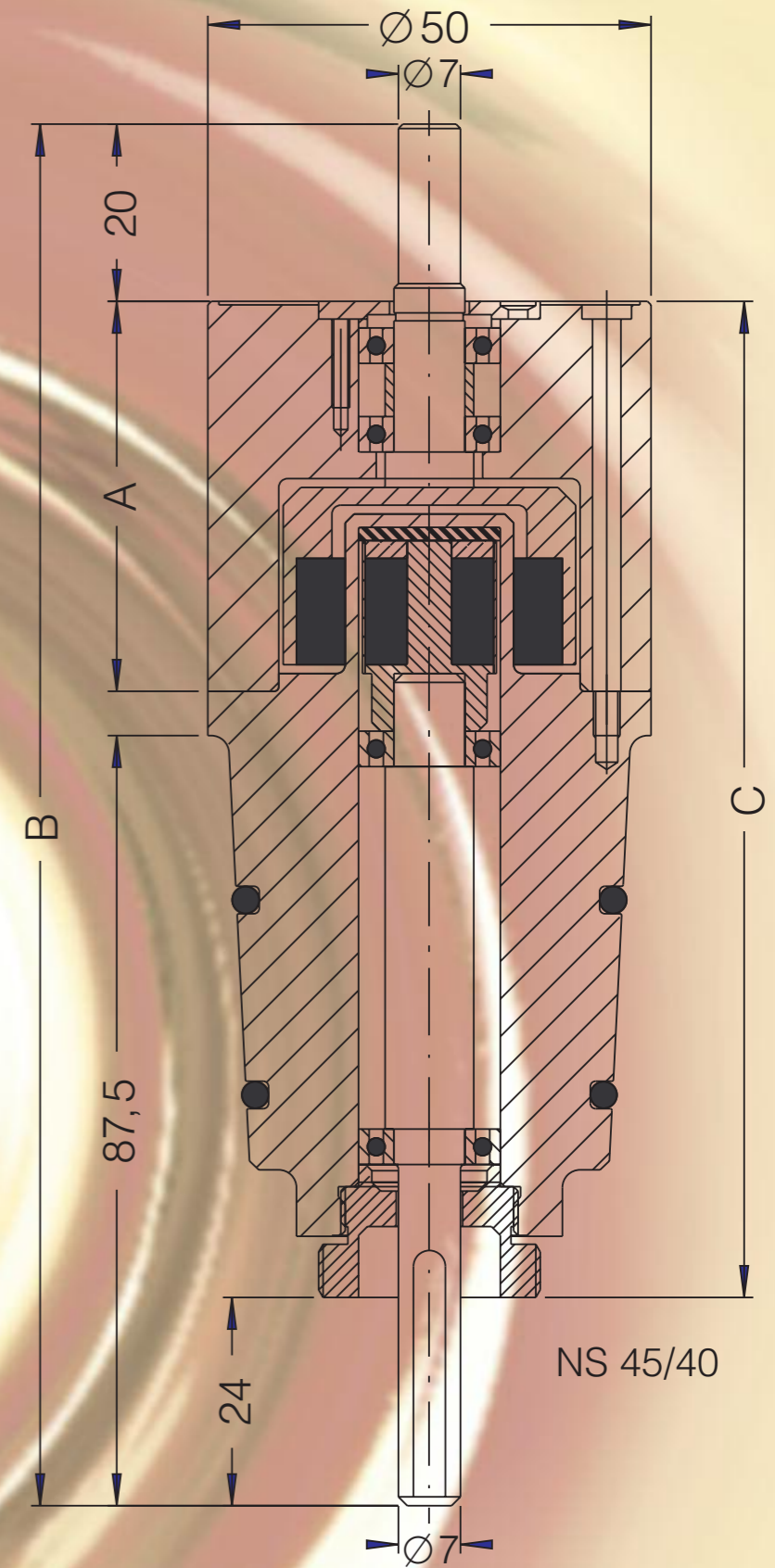
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reactor ag® 

The magnetic stirring action of mrk2 «alluro»: 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.

# mrk magnetic alluro



Prod. no.	07.457.00170	07.457.00172	07.457.00174	07.457.00176	07.457.00171	07.457.00173	07.457.00175	07.457.00177
Type	mrk 2/20	mrk 2/40	mrk 2/60	mrk 2/90	mrk 2/20	mrk 2/40	mrk 2/60	mrk 2/90
Torque	20 Ncm	40 Ncm	60 Ncm	90 Ncm	20 Ncm	40 Ncm	60 Ncm	90 Ncm
Mat. WNr.	1.4435	1.4435	1.4435	1.4435	2.4602	2.4602	2.4602	2.4602
AISI	316 L	316 L	316 L	316 L	HC22	HC22	HC22	HC22
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