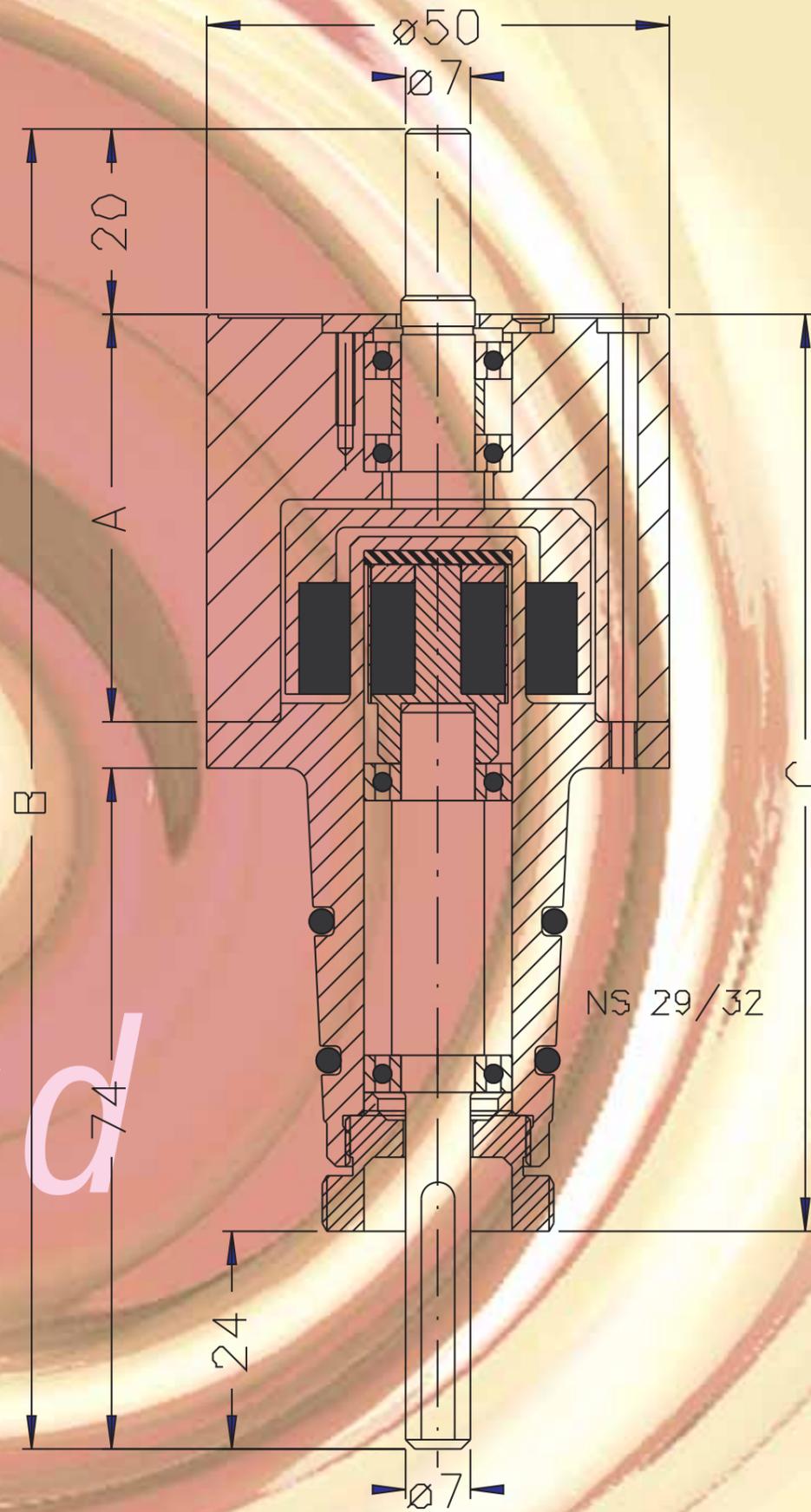


Premex reactor ag magnetic stirrer heads are state-of-the-art stirrer locks. The encapsulated inner magnet uses the mutual attraction of the magnetic fields to couple with the outer magnet where the driving power is transferred. This unique method means that stirring can be done in absolutely air-tight conditions. The «glenfiz» can also be used in vacuum applications.



mrk magnetic stirrer head glenfiz

Torque	20 Ncm	40 Ncm	60 Ncm	90 Ncm	20 Ncm	40 Ncm	60 Ncm	90 Ncm
Product no.	1/20	1/40	1/60	1/90	1/20 HC22	1/40 HC22	1/60 HC22	1/90 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	143	155	177	199	143	155	177	199
C mm	99	111	133	155	99	111	133	155

Connection and seal

- Ground joint NS 29/32
- 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.

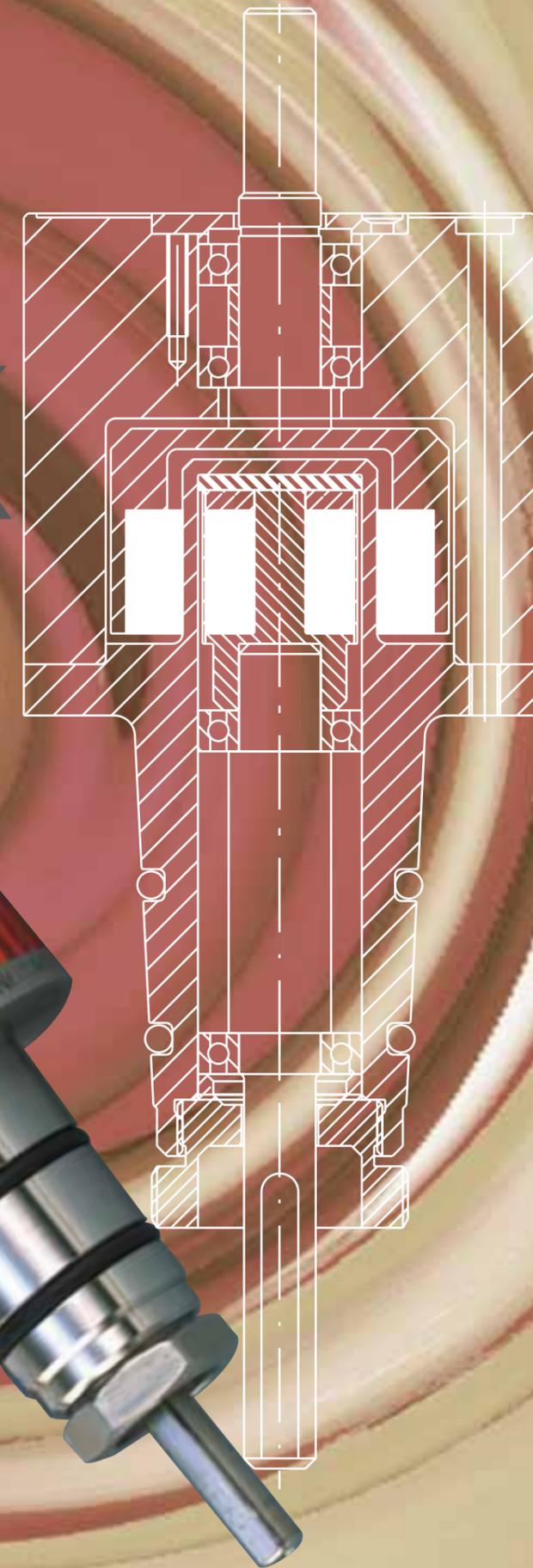
Material

- 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.

glenfizz
mrk



premix reactor ag
delivery address industriestrasse 11
correspondence address p.o. box 444
2543 lengnau/switzerland
phone +41 (0)32 653 01 52
fax +41 (0)32 652 11 80
internet www.premex-reactorag.ch
e-mail office@premix-reactorag.ch

premix reactor ag 