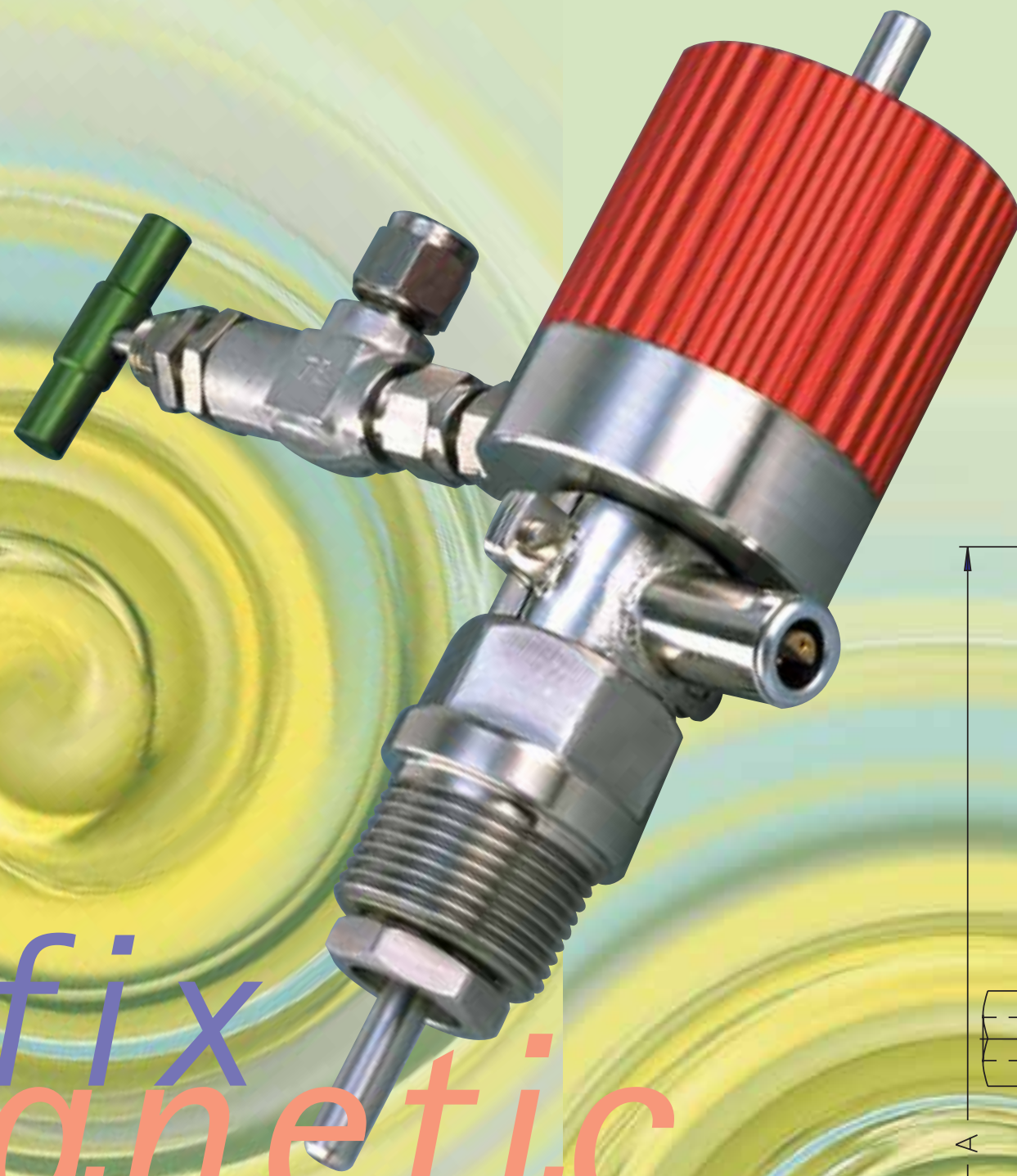


Stirrer heads with permanent magnetic coupling, adaptable to any reaction vessel, series MRK 30–37. Compared with the MRK 10–17 series, the MRK 30–37 series offers the additional feature of a valve for gas supply. The connection can also be used to rinse the inner parts which come into contact with the medium, without the need to remove them from the pressure vessel.

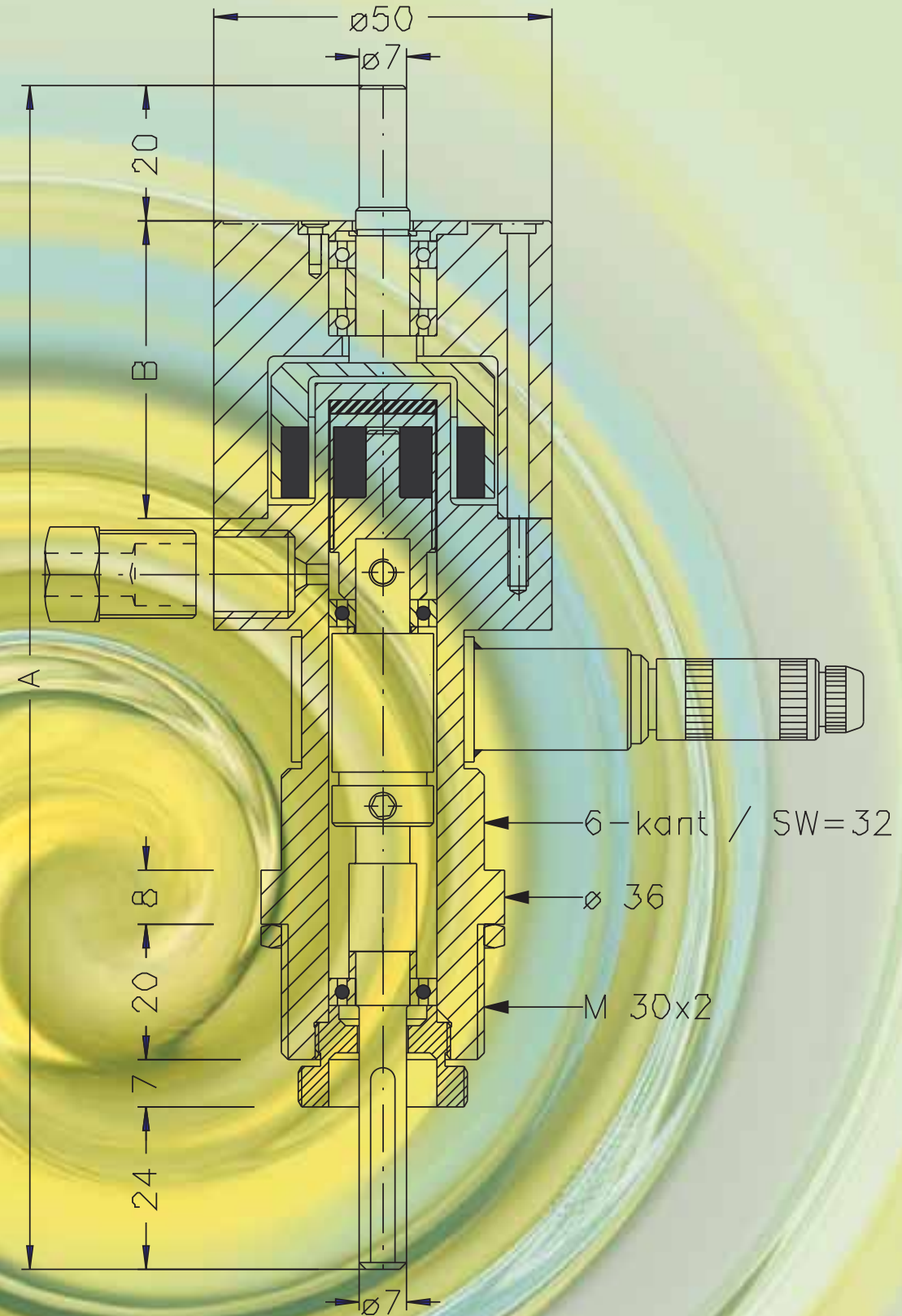


Hastelloy Versions

Type	MRK 30	MRK 32	MRK 34	MRK 36
Prod. No.	HC22	HC22	HC22	HC22
Torque	20 Ncm	40 Ncm	60 Ncm	90 Ncm
Material	HC22	HC22	HC22	HC22
WNr. / AISI	-	-	-	-
p bar	300	300	300	300
T °C	300	300	300	300
U/Min. max	1600	1600	1600	1600
Vol. ml	1000	2000	5000	10000
A mm	172	184	205	228
B mm	44	56	77	100

macfix magnetic stirrer head

mrk



Stainless steel versions

Type	MRK 30	MRK 31	MRK 32	MRK 33	MRK 34	MRK 35	MRK 36	MRK 37
Prod. No.	MRK 30	MRK 31	MRK 32	MRK 33	MRK 34	MRK 35	MRK 36	MRK 37
Torque	20 Ncm	20 Ncm	40 Ncm	40 Ncm	60 Ncm	60 Ncm	90 Ncm	90 Ncm
Material	WNr. 1.4435	WNr. 1.4980	WNr. 1.4435	WNr. 1.4980	WNr. 1.4435	WNr. 1.4980	WNr. 1.4435	WNr. 1.4980
WNr. / AISI	AISI 316 L	AISI 660	AISI 316 L	AISI 660	AISI 316 L	AISI 660	AISI 316 L	AISI 660
p bar	200	700	200	700	200	700	200	700
T °C	300	300	300	300	300	300	300	300
max. rpm	3000	3000	3000	3000	3000	3000	3000	3000
Vol. ml	1000	1000	2000	2000	5000	5000	10000	10000
A mm	172	172	184	184	205	205	228	228
B mm	44	44	56	56	77	77	100	100

Connection and seal

- The compact magnetic stirrer heads are directly fitted to each autoclave cover by means of an M30x2 mm threaded connection. We recommend using a metal olive to create a seal.

Material

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

Speed reading point

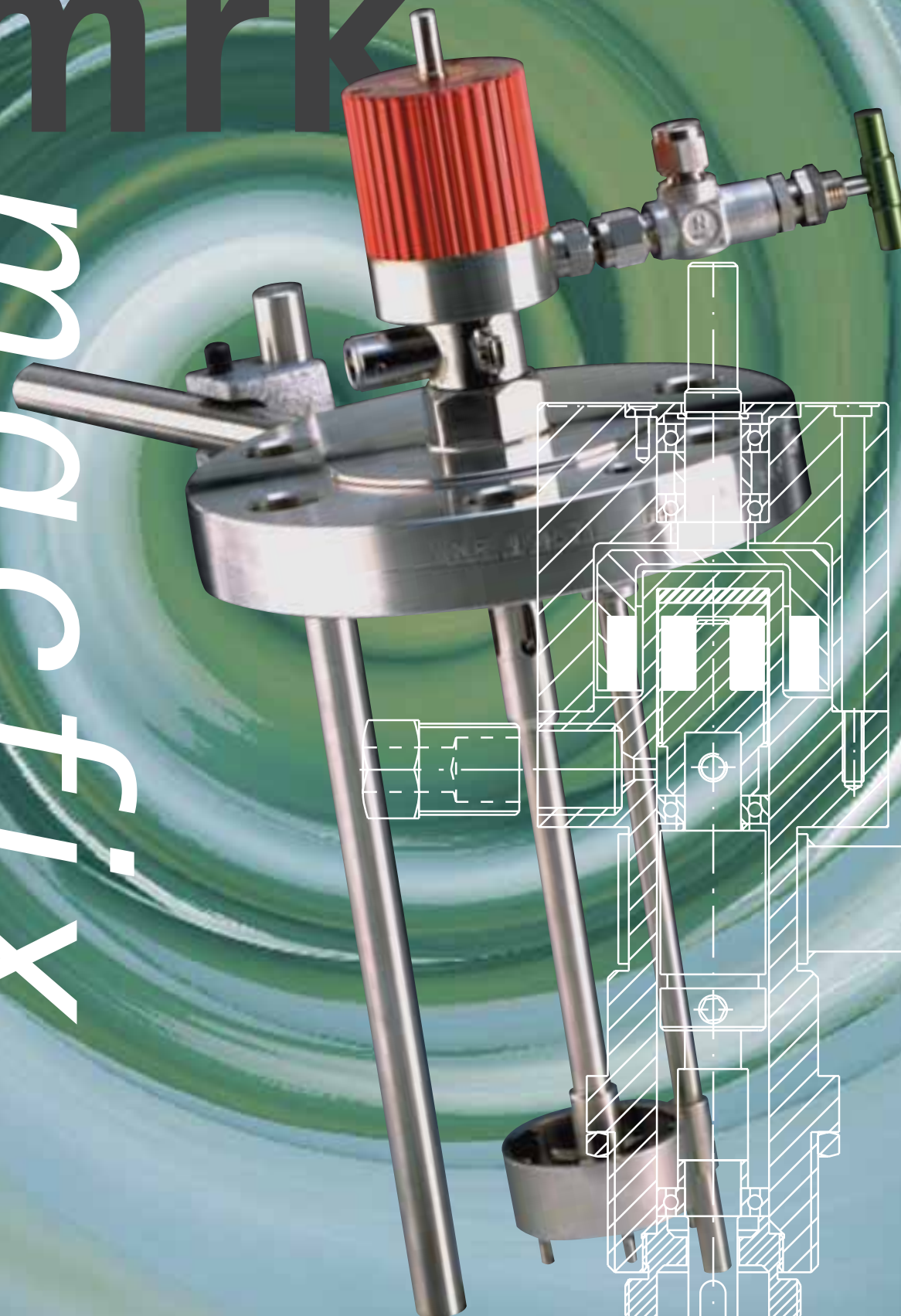
- A speed reading point is fitted to the driven shaft as standard. The MRK can easily be upgraded with the digital DZA-2B speed indicator which comes in an attractive aluminium case.

Torque and bearing

- The torque of the magnetic coupling ranges from 20-90 Ncm.
- Corrosion-resistant ball bearings are used in the driven shaft for a maximum speed of 3'000 rpm. Hastelloy or titanium versions use friction bearings for a maximum speed of 1'600 rpm.

mrk

magnetic stirrer



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