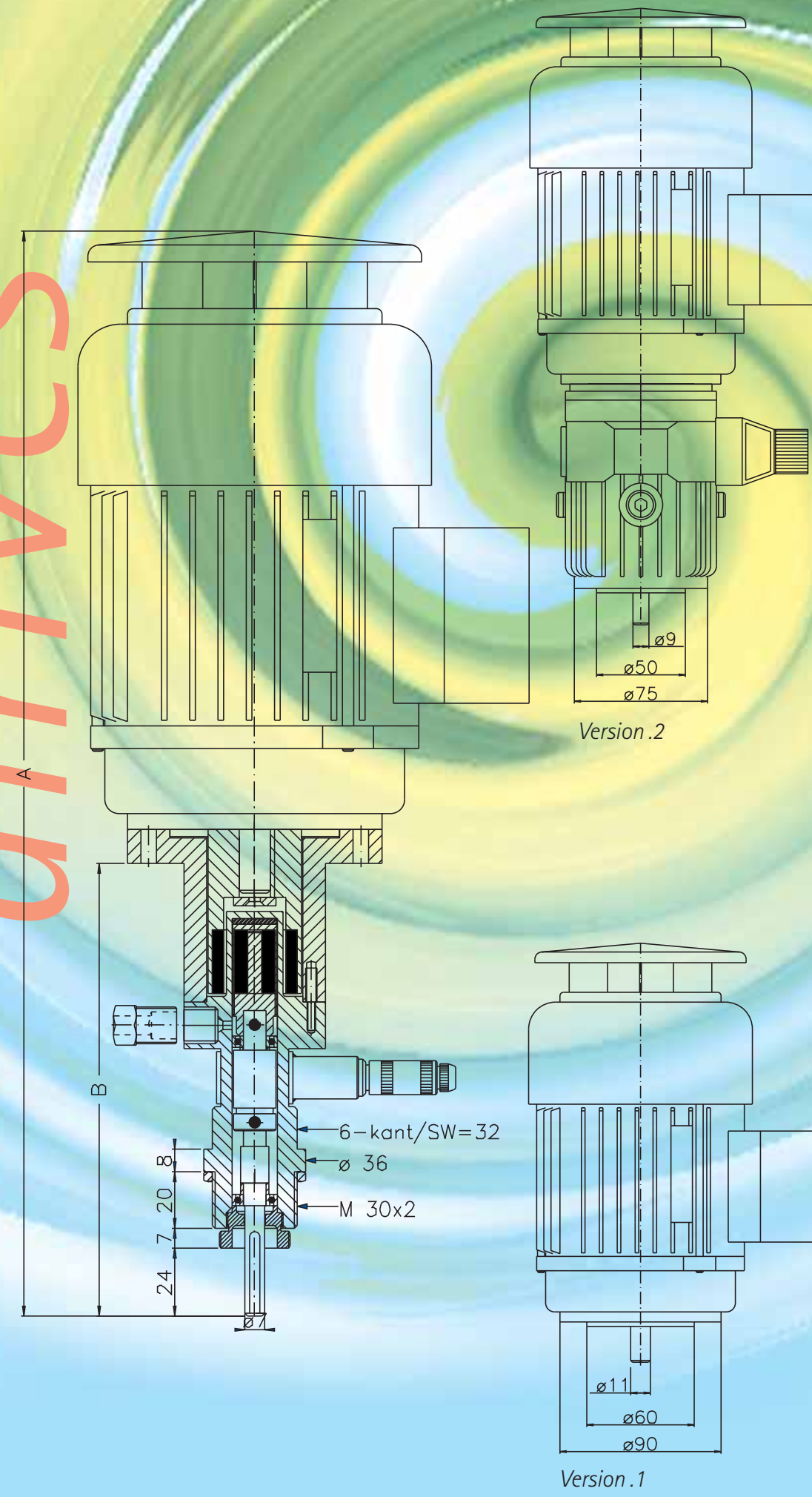


MRK 40-47 series magnetic stirrer drives are a ideal alternative when existing high-pressure autoclaves have to be upgraded or modernised.



# functie magnetische stirrer



## Stainless steel versions

Type	Prod.no. MRK 40.1/2	MRK 41.1/2	MRK 42.1/2	MRK 43.1/2	MRK 44.1/2	MRK 45.1/2	MRK 46.1/2	MRK 47.1/2
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
Vol. ml	1000	1000	2000	2000	5000	5000	10000	10000
A mm	370/482	370/482	382/494	382/494	394/506	394/506	406/518	406/518
B mm	160/157	160/157	172/169	172/169	184/181	184/181	196/193	196/193

## Hastelloy versions

Type	MRK	MRK	MRK	MRK	MRK	MRK	MRK	MRK
Prod. no.	40.1 HC22	40.2 HC22	42.1 HC22	42.2 HC22	44.1 HC22	44.2 HC22	46.1 HC22	46.2 HC22
Torque	20 Ncm	20 Ncm	40 Ncm	40 Ncm	60 Ncm	60 Ncm	90 Ncm	90 Ncm
Material	HC22	HC22	HC22	HC22	HC22	HC22	HC22	HC22
WNr. / AISI	-	-	-	-	-	-	-	-
p bar	300	300	300	300	300	300	300	300
T °C	300	300	300	300	300	300	300	300
Vol. ml	1000	1000	2000	2000	5000	5000	10000	10000
A mm	370	482	382	494	394	506	406	518
B mm	160	157	172	169	184	181	196	193

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#### Connection and seal

- The MRK 40-47 series is easily fitted to the 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 or Hastelloy. The product line also comes in versions using titanium, tantalum and types of Inconel.

#### 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 or, for motor version .1, the DZA-3 which also includes a frequency converter for motor control.

#### Bearings

- In the corrosion-resistant versions, ball bearings are used for the driven shaft. Hastelloy or titanium drives use friction bearings. The shaft can be used with ball bearings or friction bearings.

#### Drive versions

Two drive systems are available with a rated output of 120 Watt. We can supply an a.c. motor controlled either by a frequency converter or by a «Planetroll» gear system. This explosion-proof version is supplied as standard. In version .1, the speed of the drive shaft is set at the potentiometer on the control unit, with a range of 200-2'000 rpm (other speeds can be selected). In version .2 the speed can be continuously regulated manually from 0-1'150 rpm. Connection: 3x240/400 V 50 Hz.

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