

funrun

#### Connection and seal

- The mrk 40-47 «funrun» 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. 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.

phone  
fax  
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e-mail

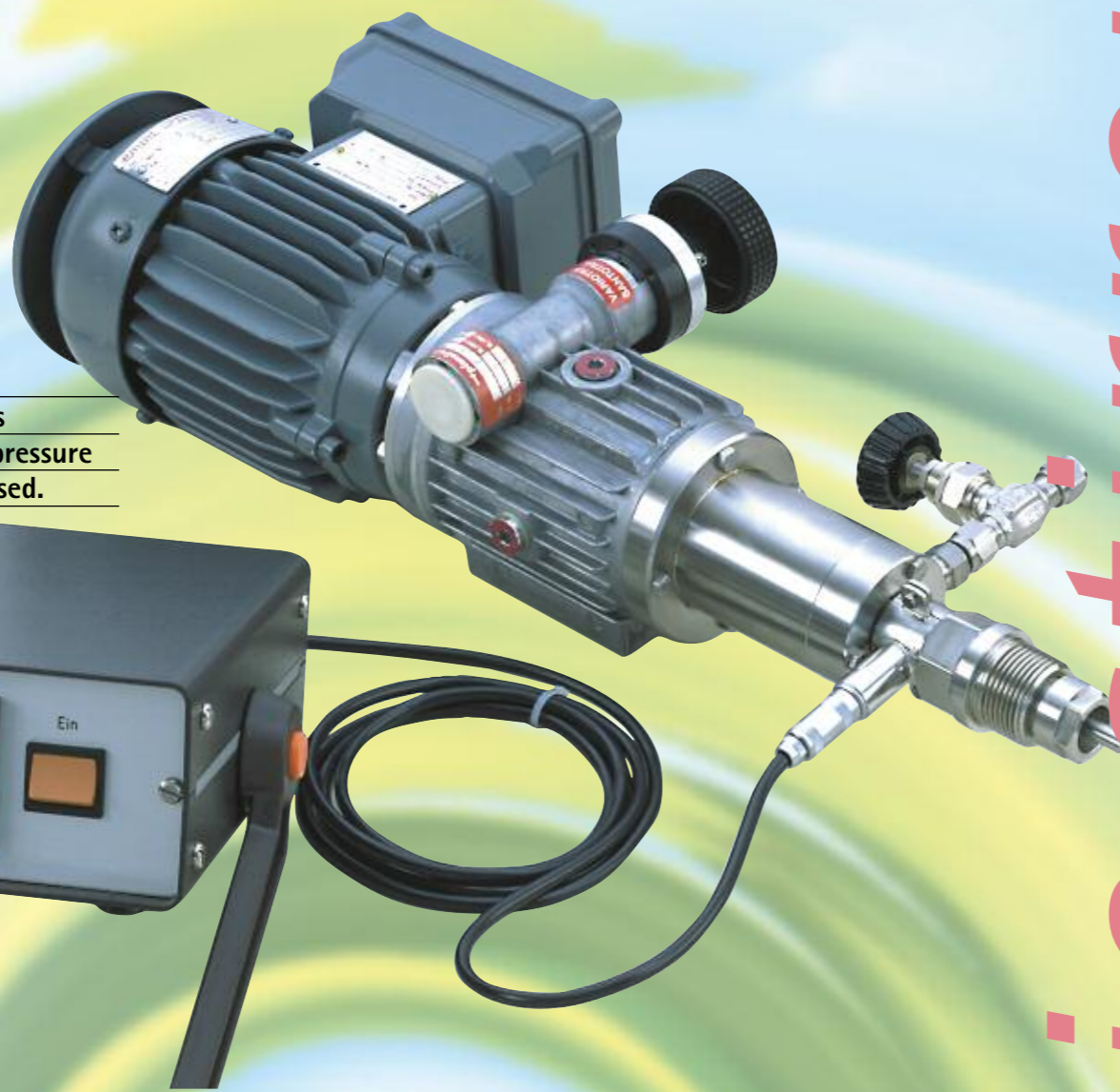
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funrun mrk



premex reactor ag 

mrk 40–47 «funrun» magnetic stirrer drives are an ideal alternative when existing high-pressure autoclaves have to be upgraded or modernised.



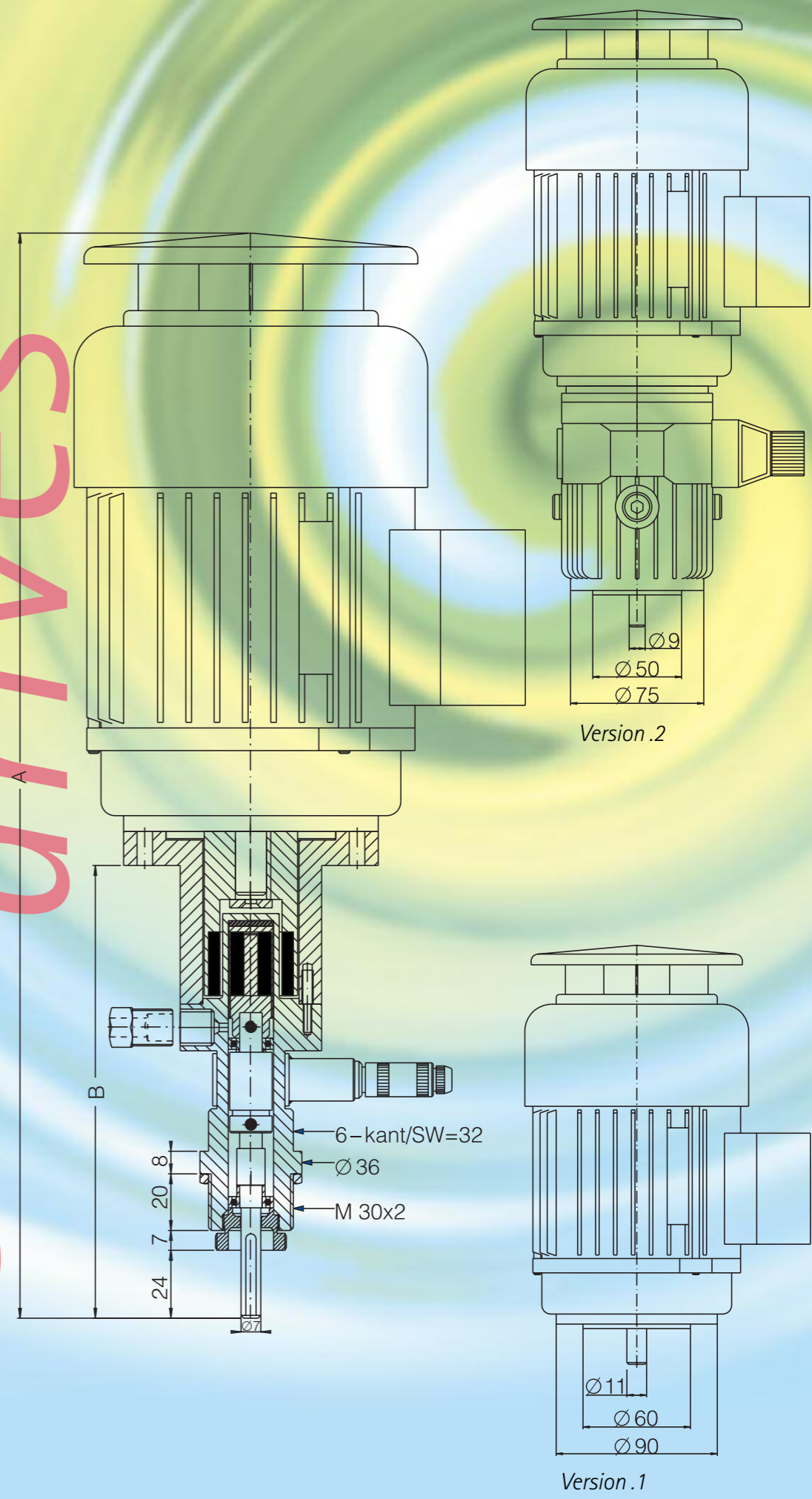
**Stainless steel versions**

Prod.no.	07.465.00256	07.465.00258	07.465.00262	07.465.00264	07.465.00268	07.465.00270	07.465.00274	07.465.00276
Type/Variation	mrk 40.1	mrk 41.1	mrk 42.1	mrk 43.1	mrk 44.1	mrk 45.1	mrk 46.1	mrk 47.1
Prod.no.	07.465.00337	07.465.00339	07.465.00343	07.465.00345	07.465.00349	07.465.00351	07.465.00355	07.465.00357
Type/Variation	mrk 40.2	mrk 41.2	mrk 42.2	mrk 43.2	mrk 44.2	mrk 45.2	mrk 46.2	mrk 47.2
Torque	20 Ncm	20 Ncm	40 Ncm	40 Ncm	60 Ncm	60 Ncm	90 Ncm	90 Ncm
Mat. WNr.	1.4435	1.4980	1.4435	1.4980	1.4435	1.4980	1.4435	1.4980
AISI	316 L	660	316 L	660	316 L	660	316 L	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**

Prod. no.	07.465.00260	07.465.00341	07.465.00266	07.465.00347	07.465.00272	07.465.00353	07.465.00278	07.465.00359
Type	mrk 40.1 HC22	mrk 40.2 HC22	mrk 42.1 HC22	mrk 42.2 HC22	mrk 44.1 HC22	mrk 44.2 HC22	mrk 46.1 HC22	mrk 46.2 HC22
Torque	20 Ncm	20 Ncm	40 Ncm	40 Ncm	60 Ncm	60 Ncm	90 Ncm	90 Ncm
Mat. WNr.	2.4602	2.4602	2.4602	2.4602	2.4602	2.4602	2.4602	2.4602
AISI	HC22	HC22	HC22	HC22	HC22	HC22	HC22	HC22
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

funrun magnetic stirrer mrk



Version .2

Version .1