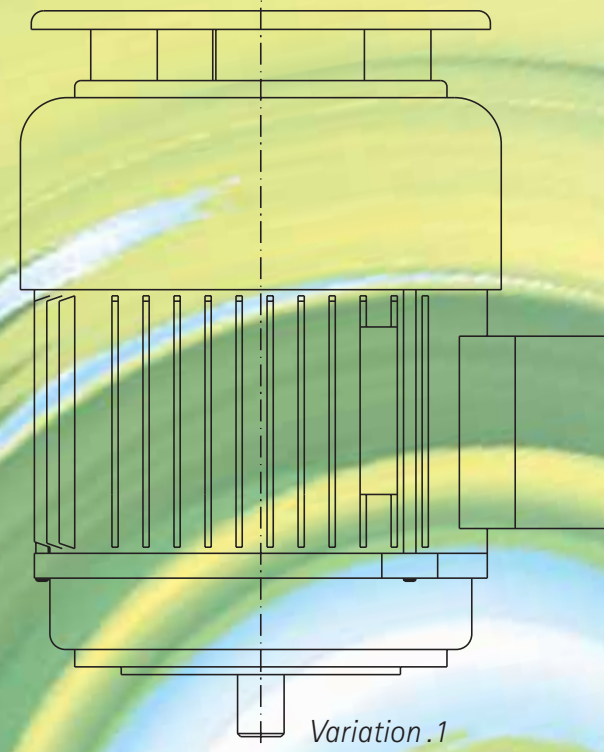
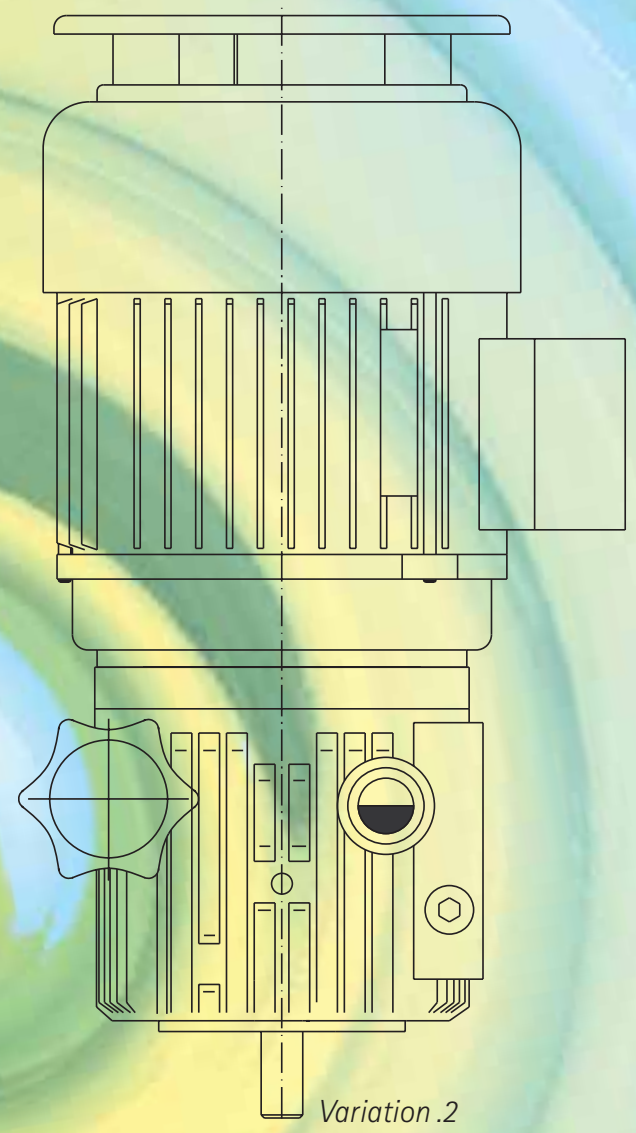


MRK 50–55 series magnetic stirrer drives are a good choice because of their optimised performance, compact design and high torques from 2–8 Nm, upgradeable to 40 Nm.

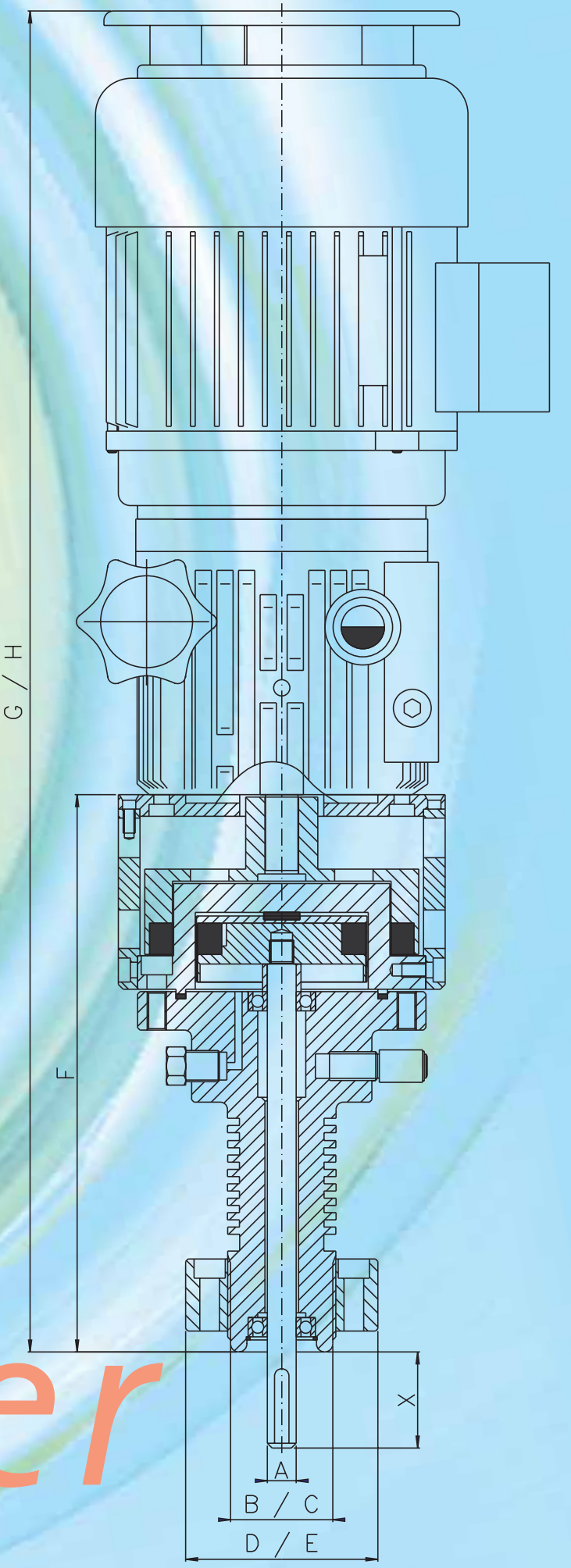
Type	MRK 50	MRK 51	MRK 52	MRK 53	MRK 54	MRK 55
Variation	.1 .2	.1 .2	.1 .2	.1 .2	.1 .2	.1 .2
M Nm	2	2	5	5	8	8
Material	WNr. 1.4435	WNr. 1.4980	WNr. 1.4435	WNr. 1.4980	WNr. 1.4435	WNr. 1.4980
WNr. / AISI	AISI 316 L	AISI 660	AISI 316 L	AISI 660	AISI 316 L	AISI 660
p bar	300	700	300	700	200	700
T °C	300	300	300	300	300	300
P1 kW	0.25	0.25	0.37	0.37	1.1	1.1
A mm ø	12	12	20	20	20	20
B mm ø						
ball bearing	M45x1,5	M45x1,5	M60x2	M60x2	M60x2	M60x2
C mm ø						
Friction bearing	M33	M33	-	-	-	-
D mm ø						
ball bearing	80	80	120	120	120	120
E mm ø						
Friction bearing	76	76	-	-	-	-
F mm	232	232	344	344	357	357
G mm						
A.c.	462	462	574	574	587	587
H mm						
Planetroll	597	597	709	709	857	857



Variation .1



Variation .2



iso drive magnetic stirrer drives

mrk

Connection and seal

- The MRK 50-55 series is easily fitted to the autoclave cover by means of a flange ring. The connection dimensions differ in the ball bearing and friction bearing versions.
- Metal-to-metal seal.
- The shaft length (dimension X) is individually adjusted according to the thickness of the reaction vessel cover.

Material

- All parts coming into contact with the medium are made of high-grade steel, DIN 1.4435 for pressures up to 300 bar and DIN 1.4980 for pressures up to 700 bar. Hastelloy, titanium, monel metal, etc. on request.

Speed reading point

- A speed reading point is fitted to the driven shaft as standard. The ideal upgrade is the digital DZA-2B speed indicator for keeping constant track of the rpm.
- Control units are available, equipped with digital speed indicator, frequency converter and potentiometer.

Bearings

- In the stainless steel versions, ball bearings are used for the driven shaft. Hastelloy or titanium drives use friction bearings. Ceramic friction bearings are available on request.

Drive versions

- Two basic drive systems are available. 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 200-1'200 rpm (other speeds can be selected). In version .2 the speed can be continuously regulated manually, and motors are available for driven shaft speeds of 0-550 rpm or 0-1'150 rpm.
- Connection: 3x240/400, V 50 Hz.

delivery address
correspondence address

phone

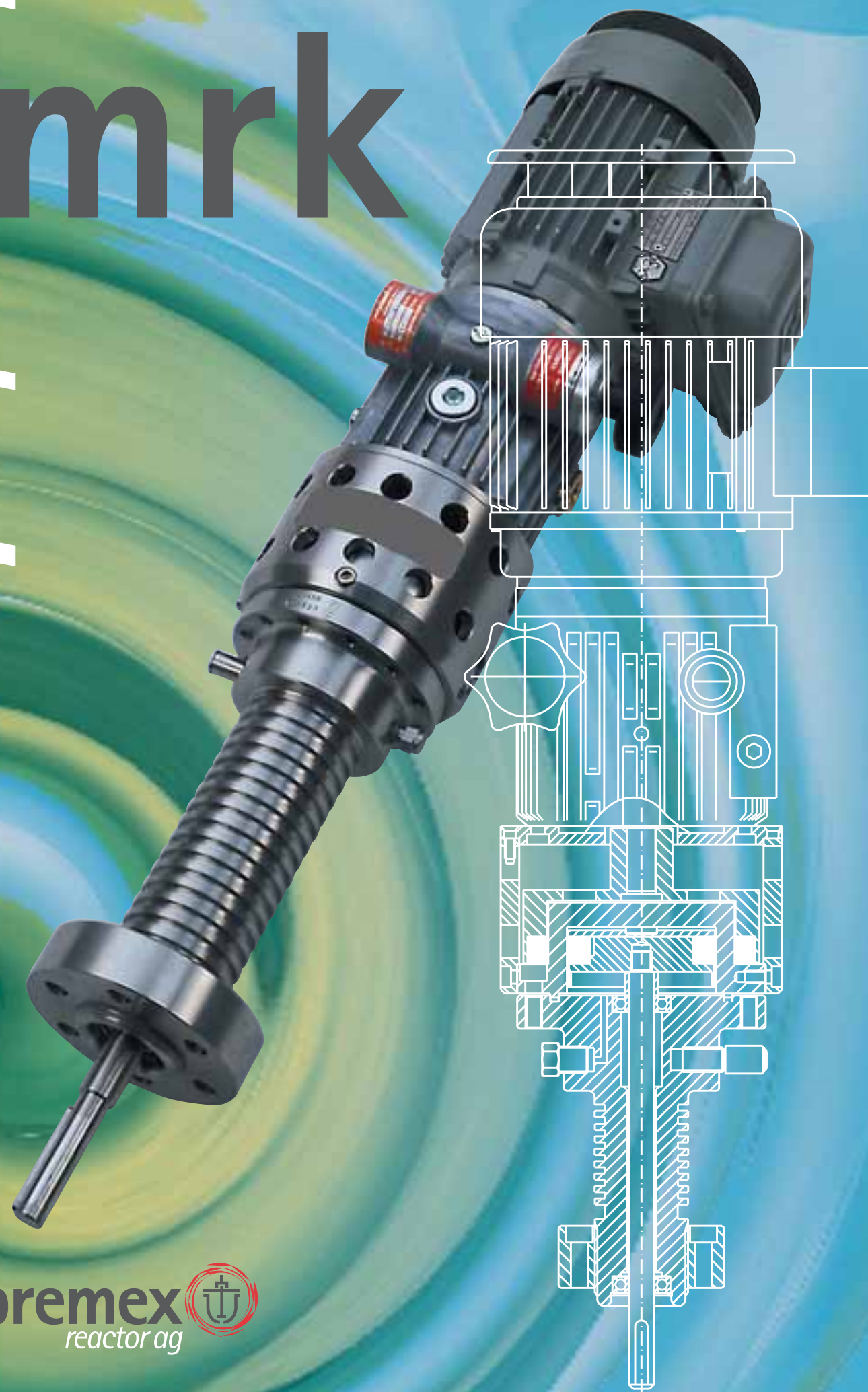
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