We have made this model a king! Its name is «miniroyal» and you will be amazed by its elegance and perfection.

Its «kingdom» includes all the basic equipment for a reactor: a micromotor, coupled with a high-performance magnetic coupling, speed reading point, pressure measurement, pressure protection and gas injection.

- 1 Speed reading point on driven shaft, using pulse generator and reed contact
- 2 Whitey valve or Sitec valve, depending on choice of material, for the gas injection and interior cleaning
- **3** Whitey valve or Sitec valve for pressure release
- Micromotor 24V/DC, available complete with control device
- 5 Locknut for bearing change under reactor cover

For a small extra charge, the thread length given at A can be individually adapted to a reactor cover so that the locknut to change the bearings is opened under the reactor cover.

Further connections

- Burst disk holder fitted with burst disk
- Pressure gauge Ø 40 mm, chemical design



magnetic Stirr

Prod. no.	07.489.00650	07.489.00652	07.4 <mark>89.00654</mark>	07.473.00056	07.489.00058	07.489.00060
Torque	20 Ncm	20 Ncm	20 Ncm	50 Ncm	50 Ncm	50 Ncm
Mat. no.	1.4435	1.4980	2.4602	1.4435	1.4980	2.4602
AISI	316 L	660	HC22	316 L	660	HC22
p bar	300	700	300	300	700	300
T°C	200	200	200	200	200	200
A mm	20	20	20	20	20	20
C mm	222	222	222	265	265	265
Micromotor 24V/DC	rpm	rpm	rpm	rpm	rpm	rpm
Speed reading	200-1'500	200-1'500	200-1'500	200-1'500	200-1'500	200-1'500

Technical data

- To be screwed onto autoclave cover.
- M18 x 1 mm threades connection.
- Sealed to the autoclave cover by means of O-Ring or metal-to-metal seal (olive).
- Torque for magnetic coupling 20 Ncm or 50 Ncm.
- Stainless steel or Hastelloy C22 as standard. Versions in Hastelloy C276, B3 or titanium Gr. 2 on request.
- Ball bearings on the driven shaft. Hastelloy or titanium versions with friction bearings.
- Maximum speed 3'000 rpm for ball bearings and for friction bearings.
- Micromotor 24V/DC, available complete with control device
- Speed reading point on driven shaft, using pulse generator and reed contact.





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