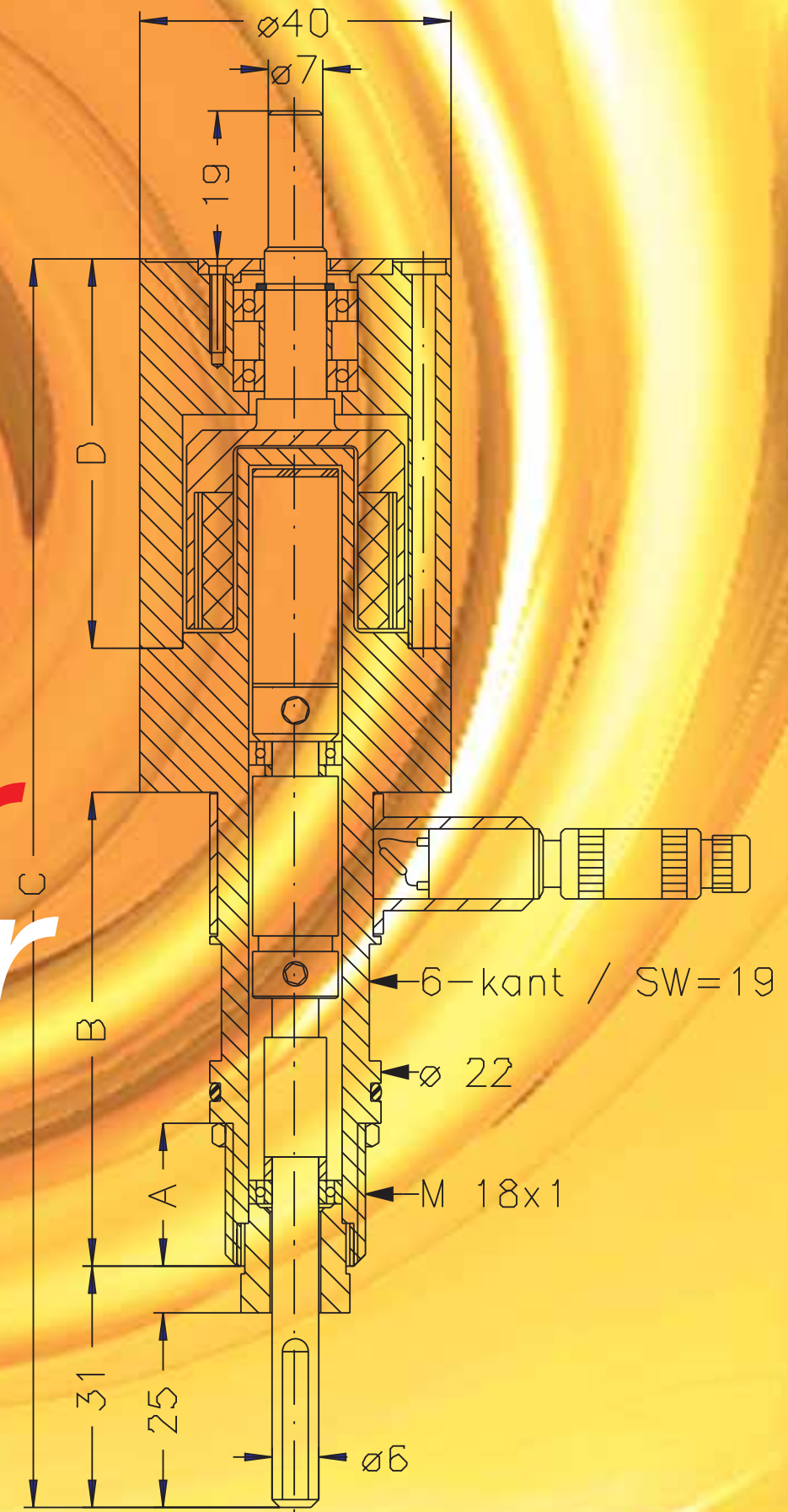


The absolutely smallest magnetic coupling «minipower» is a miniaturised version of the well tried magnetic couplings of premex reactor ag. The outer magnet drives the inner magnet. There is no contact to the stirrer shaft.

minipower magnetic stirrer head

mrk

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|-----------------------|---------------------------|-------------------------|---------------------------|-------------------------|
| Product no. | 100.1.20.44 | 100.1.20.49 | 100.1.50.44 | 100.1.50.49 |
| Torque | 20 Ncm | 20 Ncm | 50 Ncm | 50 Ncm |
| Material Wnr./AISI | Wnr. 1.4435 AISI 316 L | Wnr. 1.4980 AISI 660 | Wnr. 1.4435 AISI 316 L | Wnr. 1.4980 AISI 660 |
| p bar | 300 | 700 | 300 | 700 |
| T °C | 200 | 200 | 200 | 200 |
| A mm | 20 | 20 | 20 | 20 |
| B mm | 62,5 | 62,5 | 62,5 | 62,5 |
| C mm | 181 | 181 | 199 | 199 |
| D mm | 50 | 50 | 68 | 68 |



Technical data

- Screws onto autoclave cover.
- M18x1 mm threaded connection.
- Sealed to the autoclave cover by means of O ring or metal-to-metal seal (olive).
- Coupling torque 20 Ncm or 50 Ncm.
- Stainless steel for all parts coming into contact with the medium. Hastelloy or titanium on request.
- Ball bearings on driven shaft or friction bearings in Hastelloy or titanium versions.
- Maximum speed 3'000 rpm with ball bearings.
- Speed reading point on driven shaft, using reed contact and pulse generator.

For a small extra charge, the thread lead at A can be customised for an existing autoclave cover.

minipower

minipower mrk



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|------------------------|----------------------------------------------------------------------------|
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