

premex solutions gmbh grenzstrasse 20 b ch-3250 lyss Tel. +41 (0)32 653 60 20 www.premex-solutions.ch office@premex-solutions.ch

minifiz

## Similar magnetic stirrer heads and magnetic stirrer drives NS29/32

Further models with a conical connection NS29/32 are glenfiz, airplay and readjaro



A slimmer design of the standard cut NS29/32 - minifiz

With this magnetic stirrer head, the housing has been minimized in its design to a diameter of 40 mm

## Technical data for the example model

- Magnetic agitator head (MRK) minifiz 128572
- Conical connection NS29/32
- Sealing to the reactor lid with two successive Viton O-rings
- Torque of the magnetic coupling 20 Ncm
- Material WNo. 1.4435 (AISI 316L)
- Operating temperature 240°C
- The magnetic stirrer head minifiz is suitable for vacuums or unpressurized operation.
- Rust-resistant deep groove ball bearings on the output shaft.
- Maximum speed 1,500 rpm with ball bearings.
- Drive shaft ø 7 mm
- Output shaft ø 6 mm
- Matching agitators such as gassing agitators ø 18 mm or 25 mm are available in various lengths and materials
- The total length of a minifiz, 20 Ncm measures 148 mm, diam. 40 mm

## Flexible coupling to the drive



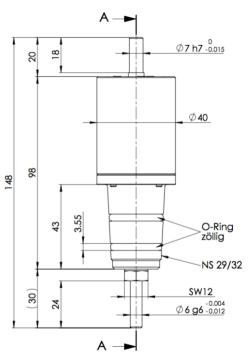
Flexible coupling of premex, as a connection to the on-site drive. Transition from magnetic stirring head to coupling ø7h7.



Discourrention

## Possible variations

- Sealing to the reactor lid with two successive Viton O-rings for stainless steel. Further qualities for HC application on demand.
- Torque of the magnetic coupling 20 Ncm or 50 Ncm.
- Material WNo. 1.4435 (AISI 316L) or WNo. 2.4602 (HC22) as standard and other materials on request.
- Rust-resistant deep groove ball bearings on the output shaft. Hastelloy versions with slide bearings.
- Maximum speed 1,500 rpm. with ball bearings and 1,200 rpm. with slide bearings.



with micromotor 48 V/DC and a output speed of 200-1,300 rpm. The micromotor is controlled by the DZA-7 controller.



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minifiz standard NS29/32

Art.No.	Torque	Mat.No.	Pressure	Temperature	Connection	Sealing	Dimensions mm
128572	20Ncm	1.4435	unpressurized	240°C	NS29/32	O-Ring inch	Ø 40 x 148.00
120265	20Ncm	2.4602	unpressurized	240°C	NS29/32	O-Ring inch	Ø 40 x 148.00
128573	50Ncm	1.4435	unpressurized	240°C	NS29/32	O-Ring inch	Ø 40 x 166.00
127103	50Ncm	2.4602	unpressurized	240°C	NS29/32	O-Ring inch	Ø 40 x 166.00