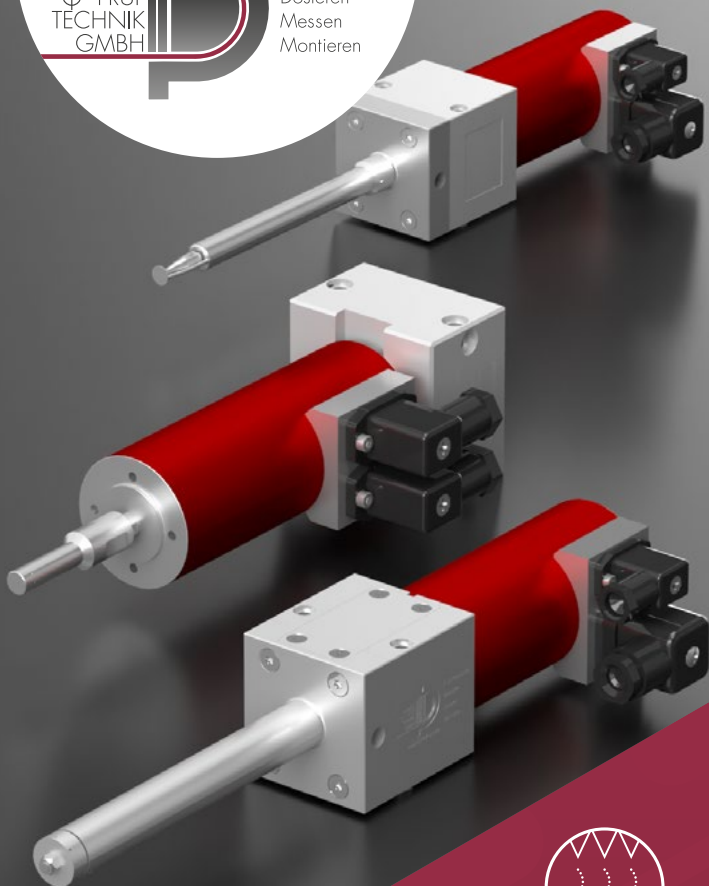


DOSIER
PRÜF
TECHNIK
GMBH



Automatisieren
Dosieren
Messen
Montieren



CONTACTLESS APPLICATION

ROTARY GREASING UNITS

Contactless, airless wetting of inner
diameters from 5 mm

www.dptechnik.com

CONTACTLESS, AIRLESS WETTING OF INNER DIAMETERS FROM 5 MM

In industrial manufacturing, reliable **wetting of internal contours** with greases, oils, or adhesives is a key requirement—for example, in housings, hollow shafts, screw channels, or blind holes.

The challenge is to achieve **uniform application** on **different component geometries**, with limited installation space and the desire for **clean, controlled dosing** without air turbulence.

Conventional application systems reach their limits here: with complex internal geometries or rotationally symmetrical **recesses**, the material application often remains **uneven** or too **inaccurate**.

The D+P rotary greasing units solve these challenges with a **rotating dosing head** that uses **centrifugal force** to evenly distribute the medium onto the inner surface.

The component geometry plays hardly any role here – whether **cylindrical, conical, or angular**.

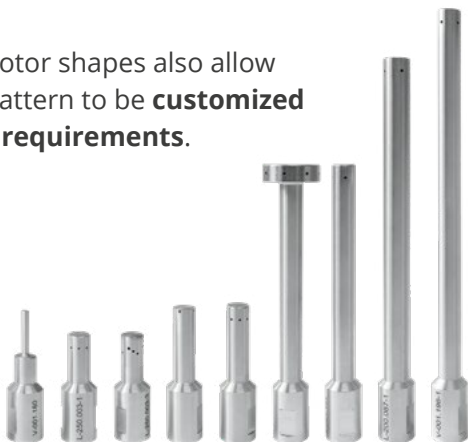
The airless application **minimizes aerosols** and prevents the medium from being **carried away** or **contaminating** the immediate surroundings.

An optionally integrable speed monitoring system ensures additional controlled **process reliability**.

VERSIONS

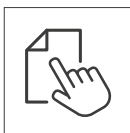
Our rotary greasing units are available in three versions for **different diameters** starting at **5 mm**.

Individual rotor shapes also allow the spray pattern to be **customized to specific requirements**.



RBE02

Minimum wetting diameter
Ø 36 mm

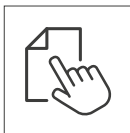


[Data sheet](#)



RBE03

Minimum wetting diameter
Ø 5 mm

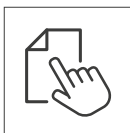


[Data sheet](#)



RBE04

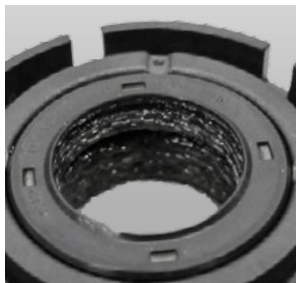
Minimum wetting diameter
Ø 20 mm



[Data sheet](#)

PRACTICAL EXAMPLES

A selection of greasing results:



Greasing shaft seal



Wetting engine block



**Oiling inner diameter
24 mm**

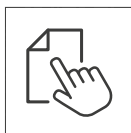


**Greasing inner diameter
10 mm**

MORE INFORMATION

PRODUCT CATALOG

You can find our extensive range of dosing technology here:



YOUR ADVANTAGES



CONTACTLESS INTERNAL WETTING

Uniform material application without direct contact with components.



AIRLESS APPLICATION PRINCIPLE

Centrifugal force instead of air support reduces aerosols.



FLEXIBLE GEOMETRY

Suitable for cylindrical, conical, or angular internal contours.



VARIABLE WETTING AREAS

Three sizes cover applications from \varnothing 5 mm, rotor geometries can be designed specifically for the process.



HIGH REPRODUCIBILITY

Consistent wetting even with complex geometries or changing components.



EXTENDED PROCESS MONITORING (OPTIONAL)

Optoelectronic speed control ensures absolute process reliability.



LOW-MAINTENANCE DESIGN

Robust housing, compact design, quiet operation, easy installation.

CONTACT US NOW!

From individual dosing components to complex dosing systems and units - our team will be happy to support you with individual advice and find exactly the right solution for you!

☎ +49 9081 27593 0

✉ info@dptechnik.de



EXACTLY YOUR SOLUTION!

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