

perma CLASSIC / perma FUTURA

The classical lubrication system



CE  I M2 c X
II 2G c IIC T6 X
II 2D c T80°C X
0 °C ≤ Ta ≤ +40 °C

Made in
Germany

Simple, robust, reliable

perma CLASSIC and perma FUTURA can be used in all types of applications with ambient temperatures from 0 to +40 °C. Depending on operating conditions, a lubricant volume of 120 cm³ is dispensed in 1, 3, 6 or 12 months. Reliable function is based on an electro-chemical reaction. The activator is screwed in the lubrication system and the eyelet torn off. The contained gas generator generates a pressure of max. 4 bar, which moves the piston forward and transports lubricant into the lubrication point.

perma

Applications / machine elements



perma CLASSIC and perma FUTURA are used for single-point lubrication of roller and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, chains, etc. Main application areas of perma CLASSIC include the mining, steel, automotive and mechanical engineering industries. perma FUTURA has a corrosion-proof plastic housing, which makes it ideal for hygienically clean environments such as the food and chemical industries.



Product characteristics

Benefits



Simple activation through activator

One-time activation:
1, 3, 6 or 12 months

- Tamper-proof, easy to use
- Economical, permanent lubrication
- Quick and easy exchange without special tools



perma CLASSIC
Metal housing

perma FUTURA
Transparent plastic housing with integrated support flange

- Robust housing for use in harsh environments
- Easy fill level check via permanently visible position of piston in lubrication system
- Corrosion-proof



Ex-proof certification
Mining approval

- Safe and reliable lubrication in explosive areas
- Better workplace safety, since dangerous areas have to be visited for maintenance less often
- Suitable for underground use

Technical data

Drive

Electrochemical reaction via gas generator

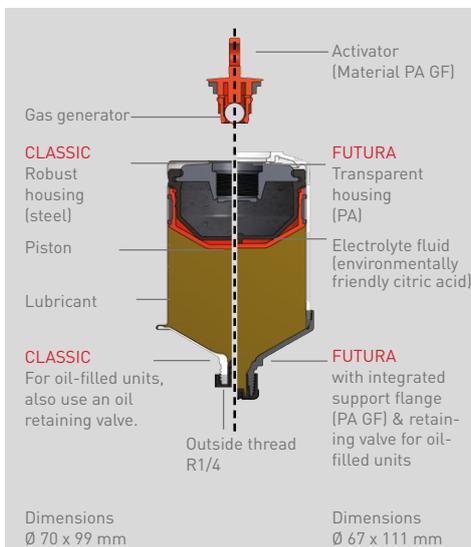
Discharge period at +20 °C/
perma Multipurpose grease SF01
1, 3, 6 or 12 months

Lubricant volume
120 cm³

Operating temperature
0 °C to +40 °C

Pressure build-up
Max. 4 bar

Standard & special lubricants
Greases up to NLGI 2/oils



Discharge period in months:

| |  |  |  |  |
|---------------------|---|---|---|---|
| | 101331 | 101332 | 101333 | 101335 |
| 120 cm ³ | | | | |
| at 0 °C | 4 | 8 | 15 | >18 |
| at +10 °C | 2 | 5 | 8 | 18 |
| at +20 °C | 1 | 3 | 6 | 12 |
| at +30 °C | 0.8 | 2 | 3 | 6 |
| at +40 °C | 0.6 | 1 | 2 | 3 |