perma STAR VARIO

Versatile lubrication system

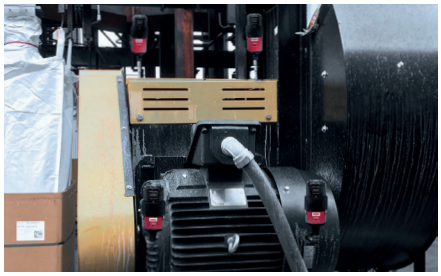
Four different sizes for individual lubricant metering

perma STAR VARIO operates fully automatically, independent of temperature and pressure with a very precise discharge. The system consists of an electromechanical drive, an LC with 60, 120, 250 or 500 cm³ of lubricant and a battery pack. perma STAR VARIO provides pressure build-up of 7.5 bar and is used for single-point lubrication of roller and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals and chains. Thanks to precise lubricant metering, the lubrication system is ideal for lubrication of electric motors with specified lubricant quantities.

More about our perma products
can be found on our website *www.perma-tec.com*

MADE IN **GERMANY**

The Expert in Lubrication Solutions



PRODUCT CHARACTERISTICS

LCD DISPLAY WITH PUSH BUTTON DISPLAYS DISCHARGE PERIOD, LC SIZE & OPERATING STATUS

Simple and self-explanatory operation

Settings can be changed at any time

One-time acquisition costs for STAR VARIO Drive

LED (RED | GREEN) VISIBLE ALL ROUND SIGNALS FUNCTIONING & ANY ERRORS

Quick function control via LED signals saves time and relieves maintenance workers

Time saving for maintenance staff

PRESSURE BUILD-UP OF 7.5 BAR ALLOWS REMOTE MOUNTING UP TO 5 M

Mounting outside of dangerous areas

Higher equipment availability

Universal use

TECHNICAL DATA

Drive - reusable
Electromechanical drive with Battery pack STAR VARIO (Alkaline) or with Battery pack STAR VARIO low temperature (Lithium)

Discharge period
1, 2, 3 ... 12 months | 1, 2, 3 ... 52 weeks
STAR LC 60: + 15, 18, 21, 24 months
STAR LC 500: max. 6 months

Lubricant volume
60, 120, 250, 500 cm³ | 2.03, 4.06, 8.45, 16.91 oz

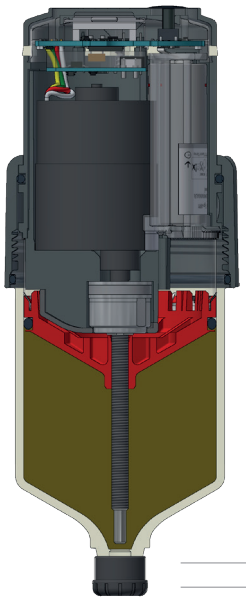
Operating temperature*
-40 °C** to +60 °C | -40 °F** to +140 °F

Pressure build-up
7.5 bar | 109 psi

Protection class
IP 67 | IP 65

Standard & special lubricants
Greases up to NLGI 2 | Oils

Dimensions
LC 60: Ø 75 x 155 mm | LC 120: Ø 75 x 178 mm
LC 250: Ø 75 x 228 mm | LC 500: Ø 75 x 324 mm



LCD display with push button

STAR VARIO Drive (PA GF)

Battery pack STAR VARIO

Gearmotor

Piston

STAR LC (Copolyester)

Lubricant

Oil-filled units (PA) have an integrated oil retaining valve (red plug)

Outside thread R1/4

*To achieve functionality below -20° C / -4° F, Battery pack STAR VARIO low temperature (lithium) must be used.
**Only use with suitable low temperature lubricants!

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