



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 cc of lubricant and a battery pack. perma STAR VARIO provides pressure build-up of 7.5 bar | 109 psi 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.

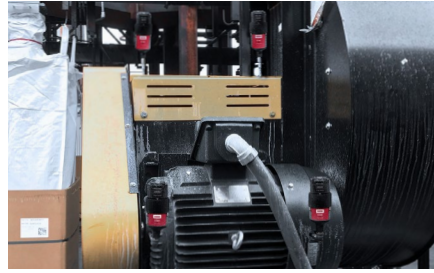
More about our perma products
can be found on our website www.permausa.com



MADE IN GERMANY

The Expert in Lubrication Solutions

perma



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 109 PSI ALLOWS REMOTE MOUNTING UP TO 16 FT

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 cc | 2.03, 4.06, 8.45, 16.91 fl. oz.

Operating temperature*

-40 °C** to 60 °C | -40 °F** to 140 °F

Pressure build-up

7.5 bar | 109 psi

Protection class

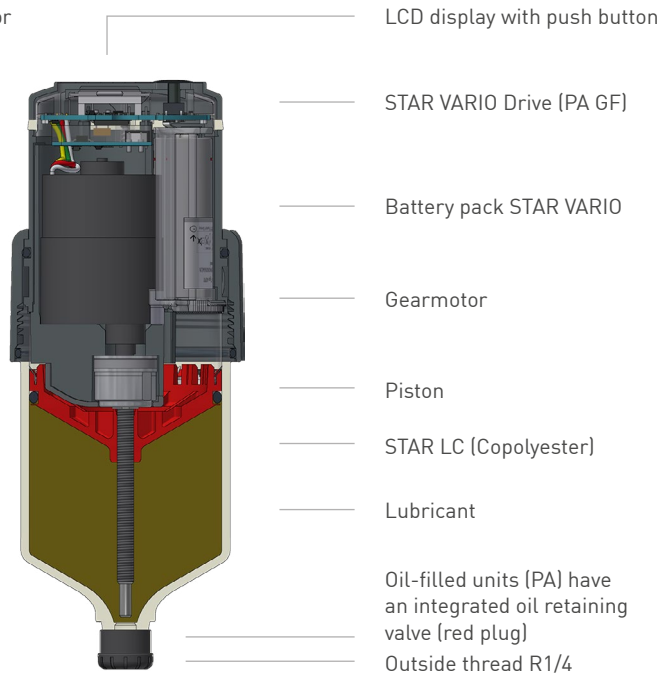
IP 67 | IP 65

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



*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!