SKF Automatic Lubricant Dispenser
TLMR series

Electro-mechanical single point automatic lubricators
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The SKF Automatic Lubricant Dispenser – TLMR – is a single point automatic lubricator designed to supply grease to a single lubrication point. With a relatively high pressure of 30 bars, this lubricator can operate at long distances providing optimum results with difficult-to-reach and unsafe lubrication locations. With a wide temperature range and robust design, the TLMR lubricator is suitable for operating conditions with various levels of temperature and vibration.

- Filled with high quality SKF greases
- Temperature independent dispense rate
- Extended time setting up to 24 months
- Maximum discharge pressure of 30 bar over the whole dispensing period
- Available in two versions: TLMR 101 powered by batteries (standard Lithium AA type) and TLMR 201 powered by 12–24 V DC
- Available with non-refillable cartridges in two sizes: 120 and 380 ml

Typical applications

- Applications requiring high lubricant consumption
- Applications experiencing high vibration in operation
- Excellent water and dust protection makes TLMR suitable for general machinery applications and food processing machinery
- Excellent high temperature performance makes TLMR suitable for engine rooms and hot fan applications
- Excellent low temperature performance makes TLMR suitable for wind turbine applications

SKF DialSet helps to calculate the correct dispense rate.

Each TLMR is supplied with a strong mounting bracket as standard. The bracket enables the TLMR to be easily mounted on a flat surface.

For ease of use, cartridges are easily exchanged by simply screwing them into the lubricator.
Designation TLMR 101 and TLMR 201

Grease capacity
120 ml (4.1 US fl. oz)
380 ml (12.8 US fl. oz)

Emptying time
User adjustable: 1, 2, 3, 6, 9, 12, 18, 24 months or purge

Lowest setting
120 ml cartridge
0.16 ml (0.005 US fl. oz) per day
380 ml cartridge
0.5 ml (0.016 US fl. oz) per day

Highest setting
120 ml cartridge
3.9 ml (0.13 US fl. oz) per day
380 ml cartridge
12.5 ml (0.42 US fl. oz) per day

Purge
31 ml (1 US fl. oz) per hour

Ambient temperature range
–25 to +70 °C (–13 to +158 °F)

Maximum operating pressure
30 bar (435 psi)

Drive mechanism
Electro mechanical

Connection thread
G 1/4 female

Maximum feed line length 1)
Up to 5 meters (16 ft)

LED status indicators
Green LED (every 8 sec)
Green and red LED (every 8 sec)
Red LED (every 8 sec)

Protection class
DIN EN 60529
DIN 40 050 Teil 9

Power
TLMR 101
TLMR 201

4 AA Lithium batteries
12–24 Volt DC

1) The maximum feed line length is dependent on ambient temperature, grease type and back pressure created by the application.

Ordering details

Grease Description TLMR 101 refill sets (cartridge and battery) TLMR 201 cartridges
120 ml 380 ml 120 ml 380 ml
LGWA 2 High load, extreme pressure, wide temperature range bearing grease LGWA 2/MR120B LGWA 2/MR380B LGWA 2/MR120 LGWA 2/MR380
LGEV 2 Extremely high viscosity bearing grease with solid lubricants – LGEV 2/MR380B – LGEV 2/MR380
LGHB 2 High load, high temperature, high viscosity bearing grease – LGHB 2/MR380B – LGHB 2/MR380
LGHP 2 High performance, high temperature bearing grease – LGHP 2/MR380B – LGHP 2/MR380
LGFP 2 Food grade bearing grease LGFP 2/MR120B LGFP 2/MR380B LGFP 2/MR120 LGFP 2/MR380
LGWM 1 Extreme pressure, low temperature bearing grease – LGWM 1/MR380B – LGWM 1/MR380
LGWM 2 High load, wide temperature range bearing grease – LGWM 2/MR380B – LGWM 2/MR380
LGEP 2 Extreme pressure bearing grease – LGEP 2/MR380B – LGEP 2/MR380
LGMT 3 All purpose industrial and automotive bearing grease – LGMT 3/MR380B – LGMT 3/MR380

Complete set Designation
TLMR 101 380 ml TLMR 101/38WA2
TLMR 201 380 ml TLMR 201/38WA2

TLMR pump Designation
Lubricator powered by batteries TLMR 101
Lubricator powered by 12–24 V DC TLMR 201

Technical data

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