

# SKF Automatic Lubricant Dispenser TLMR series

Electro-mechanical single point automatic lubricators



380 ml cartridges



120 ml cartridges



## Electro-mechanical single point automatic lubricators

### SKF TLMR series

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.



### 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 NSF H1 certified	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 pump	Designation
TLMR 101 380 ml	TLMR 101/38WA2	Lubricator powered by batteries	TLMR 101
TLMR 201 380 ml	TLMR 201/38WA2	Lubricator powered by 12–24 V DC	TLMR 201

### Technical data

Designation	TLMR 101 and TLMR 201			
Grease capacity	120 ml (4.1 US fl. oz) 380 ml (12.8 US fl. oz)	Connection thread Maximum feed line length <sup>1)</sup>	G <sup>1</sup> / <sub>4</sub> female Up to 5 meters (16 ft)	
Emptying time	User adjustable: 1,2,3,6,9,12, 18, 24 months or purge	LED status indicators	Green LED (every 8 sec) Green and red LED (every 8 sec) Red LED (every 8 sec)	OK Almost empty Error
Lowest setting	120 ml cartridge 380 ml cartridge	Protection class	DIN EN 60529 DIN 40 050 Teil 9	IP 67 IP 6k9k
Highest setting	120 ml cartridge 380 ml cartridge	Power	TLMR 101 TLMR 201	4 AA Lithium batteries 12–24 Volt DC
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			

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



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