

# SKF Automatic Lubricant Dispenser TLMR series

Electro-mechanical single point automatic lubricators



380 ml cartridges



120 ml cartridge



## 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
<b>LGWA 2</b>	High load, extreme pressure, wide temperature range bearing grease	LGWA 2/MR120B	LGWA 2/MR380B	LGWA 2/MR120	LGWA 2/MR380
<b>LGEV 2</b>	Extremely high viscosity bearing grease with solid lubricants	–	LGEV 2/MR380B	–	LGEV 2/MR380
<b>LGHB 2</b>	High load, high temperature, high viscosity bearing grease	–	LGHB 2/MR380B	–	LGHB 2/MR380
<b>LGHQ 2</b>	High performance, high temperature bearing grease	–	LGHQ 2/MR380B	–	LGHQ 2/MR380
<b>LGFG 2</b>	General purpose food grade (NSF H1) bearing grease	–	LGFG 2/MR380B	–	LGFG 2/MR380
<b>LGWM 1</b>	Extreme pressure, low temperature bearing grease	–	LGWM 1/MR380B	–	LGWM 1/MR380
<b>LGWM 2</b>	High load, wide temperature range bearing grease	–	LGWM 2/MR380B	–	LGWM 2/MR380
<b>LGEP 2</b>	Extreme pressure bearing grease	–	LGEP 2/MR380B	–	LGEP 2/MR380
<b>LGMT 3</b>	All purpose industrial and automotive bearing grease	–	LGMT 3/MR380B	–	LGMT 3/MR380

### Complete sets

TLMR 101/38WA2	Lubricator with 380 ml cartridge filled with LGWA 2 grease, powered by batteries.
TLMR 201/38WA2	Lubricator with 380 ml cartridge filled with LGWA 2 grease, powered by 12-24 V DC

### TLMR pump

TLMR 101	Lubricator powered by batteries
TLMR 201 <sup>1)</sup>	Lubricator powered by 12-24 V DC

### Technical data

Designation	TLMR 101 and TLMR 201			
Grease capacity	120 ml (4.1 US fl. oz)	380 ml (12.8 US fl. oz)	Drive mechanism	Electro mechanical
Emptying time	User adjustable: 1,2,3,6,9,12, 18, 24 months or purge		Connection thread	G <sup>1</sup> / <sub>4</sub> female
Lowest setting			Maximum feed line length <sup>2)</sup>	Up to 5 meters (16 ft)
120 ml cartridge	0,16 ml (0.005 US fl. oz) per day		LED status indicators	
380 ml cartridge	0,5 ml (0.016 US fl. oz) per day		Green LED (every 8 sec)	OK
Highest setting			Green and red LED (every 8 sec)	Almost empty
120 ml cartridge	3,9 ml (0.13 US fl. oz) per day		Red LED (every 8 sec)	Error
380 ml cartridge	12,5 ml (0.42 US fl. oz) per day		Protection class	
Purge	31 ml (1 US fl. oz) per hour		DIN EN 60529	IP 67
Ambient temperature range	-25 to +70 °C (-13 to +158 °F)		DIN 40 050 Teil 9	IP 6k9k
Maximum operating pressure	30 bar (435 psi)		Power	
			TLMR 101	4 AA Lithium batteries
			TLMR 201	12 -24 Volt DC via M12-A connection

<sup>1)</sup> TLMR 201 is powered by a M12-A plug (TLMR 201-1) which has to be ordered separately

<sup>2)</sup> The maximum feed line length is dependent on ambient temperature, grease type and back pressure created by the application.



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