

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.



TLMR 201 powered by
12–24 V DC

Typical features

- Filled with high quality SKF greases.
- Temperature independent dispense rate.
- Maximum discharge pressure of 30 bar over the whole dispensing period.
- Dispense rate available in various settings.
- 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.
- Easy to install and use.
- High protection (IP 67) against water and dust.

Typical applications

- Remote mounting for lubrication in hazardous and restrictive locations.
- 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.



A special bracket makes TLMR easy to mount onto a surface



The cartridges are easily replaceable



380 ml cartridges

120 ml cartridges

Technical data

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*	Up to 5 meters (16 ft)
LED status indicators	
– Green LED (every 8 sec)	OK
– Green and red LED (every 8 sec)	Almost empty
– Red LED (every 8 sec)	Error
Protection class	
– DIN EN 60529	IP 67
– DIN 40 050 Teil 9	IP 6k9k
Power	
– TLMR 101	4 AA Lithium batteries
– TLMR 201	12–24 Volt DC

* 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 compatible bearing grease NSF H1 certified	LGFP 2/MR120B	LGFP 2/MR380B	LGFP 2/MR120	LGFP 2/MR380
LGWM 1	SKF 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 grease	–	LGMT 3/MR380B	–	LGMT 3/MR380
LGGB 2	Biodegradable grease	–	LGGB 2/MR380B	–	LGGB 2/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



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