SKF Automatic Lubricant Dispenser TLMR series

Electro-mechanical single point automatic lubricators



380 ml cartridges





120 ml cartridge



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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
LGHQ 2	High performance, high temperature bearing grease	–	LGHQ 2/MR380B	–	LGHQ 2/MR380
LGFG 2	General purpose food grade (NSF H1) bearing grease	–	LGFG 2/MR380B	–	LGFG 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 bearinggrease	–	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	Lubricator powered by 12-24V DC, plug M12-A (not included)

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	G1/4 female
Maximum feed line length [1]	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 via M12-A connection

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

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