SKF Automatic Lubricant Dispenser
TLMR series
Electro-mechanical single point automatic lubricators
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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.
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

Technical data

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

Ordering details

<table>
<thead>
<tr>
<th>Complete set</th>
<th>Designation</th>
<th>TLMR pump</th>
<th>Designation</th>
</tr>
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<tbody>
<tr>
<td>TLMR 101</td>
<td>380 ml</td>
<td>Lubricator powered by batteries</td>
<td>TLMR 101</td>
</tr>
<tr>
<td>TLMR 201</td>
<td>380 ml</td>
<td>Lubricator powered by 12–24 V DC</td>
<td>TLMR 201</td>
</tr>
</tbody>
</table>

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