

SKF SYSTEM 24 – Single point automatic lubricator LAGD 60 and LAGD 125

Reliable, cost effective automatic single point lubricator

The LAGD series of the SKF SYSTEM 24 family are automatic gas driven single point lubricators suitable for many applications. The units are supplied ready to use straight from the box and filled with a wide range of high

quality SKF lubricants. Tool-free activation and time-setting allows easy and accurate adjustment of lubrication flow.

- Gas driven lubricator is reliable in operation and flexible in application
- Available in two sizes: 125 ml (LAGD 125) and 60 ml (LAGD 60) to suit most bearing lubrication applications
- Compact size, permits installation in restricted areas.
- Available filled with various high quality SKF greases and oils, to suit a wide range of applications
- Flexible time setting period ranging between 1 and 12 months
- Ingress protection to IP 68 level allows the lubricator to be used in most dusty and wet environments
- Wide operating temperature range to suit many applications
- High reliability and dispense rate accuracy helps facilitate predetermined replacement date
- Dispense rate setting is a simple part of the installation process and can be temporarily deactivated
- Transparent lubricant container allows visual inspection of dispense rate
- Intrinsic safety rating: ATEX approved for zone 0
- Wide range of accessories is available
- SKF SYSTEM 24 LAGD series is fully featured in SKF DialSet 4.0



- A Time setting slot**
Allows easy installation and accurate adjustment of lubrication flow
- B Gas cell**
Generates pressure to enable lubricant dispensing
- C Easy-grip top-cover**
Facilitates easy and quick fitting
- D Piston**
Special piston shape helps ensure optimum emptying of lubricator
- E Lubricant container**
Transparent lubricant container allows visual inspection of dispense rate
- F SKF Lubricant**
Filled with a wide range of high quality SKF lubricants



Technical data

| | | | |
|--------------------------------|--|---------------------------------|---|
| Grease capacity | LAGD 125 125 ml (4,25 fl oz. US) LAGD 60 60 ml (2,03 fl oz. US) | | |
| Nominal emptying time | Adjustable; 1 – 12 months | Intrinsically safe approval | II 1 G Ex ia IIC T6 II 1 D Ex iaD 20 T85°C I M1 Ex ia I |
| Ambient temperature range | | EC Type Examination Certificate | |
| LAGD 60/.. and LAGD 125/.. | –20 to 60 °C (–5 to 140 °F) | LAGD 60/.. and LAGD 125/.. | Kema 04ATEX1275 X Issue 2 |
| LAGD 125/F.. | –20 to 55 °C (–5 to 131 °F) | LAGD 125/F.. | Kema 07ATEX0132 X |
| Maximum operating pressure | 5 bar (75 psi) (at start-up) | Protection class | IP 68 |
| Drive mechanism | Gas cell producing inert gas | Recommended storage temperature | 20 °C (70 °F) |
| Connection thread | R 1/4 | Storage life of lubricator | 2 years |
| Maximum feed line length with: | | Weight | LAGD 125 approx 200 g (7,1 oz) LAGD 60 approx 130 g (4,6 oz) Lubricant included |
| – grease | 300 mm (11,8 in) | | |
| – oil | 1 500 mm (59,1 in) | | |

Ordering details

| Designation | Description |
|---------------------|---|
| LAGD 60/WA2 | 60 ml (2,03 fl oz. US) unit filled with LGWA 2 grease (multi-purpose EP type) |
| LAGD 125/WA2 | 125 ml (4,25 fl oz. US) unit filled with LGWA 2 grease (multi-purpose EP type) |
| LAGD 125/EM2 | 125 ml (4,25 fl oz. US) unit filled with LGEM 2 grease (high loads, slow rotations) |
| LAGD 125/GB2 | 125 ml (4,25 fl oz. US) unit filled with LGGB 2 grease (biodegradable) |
| LAGD 125/HB2 | 125 ml (4,25 fl oz. US) unit filled with LGHB 2 grease (high temperature, loads, plain bearing) |
| LAGD 125/HP2 | 125 ml (4,25 fl oz. US) unit filled with LGHP 2 grease (high performance polyurea) |
| LAGD 125/FFP2 ** | 125 ml (4,25 fl oz. US) unit filled with LGFP 2 grease (food processing industry) |
| LAGD 60/HMT68 * | 60 ml (2,03 fl oz. US) unit filled with LHMT 68 oil (medium temperature) |
| LAGD 125/HMT68 * | 125 ml (4,25 fl oz. US) unit filled with LHMT 68 oil (medium temperature) |
| LAGD 125/HHT26 * | 125 ml (4,25 fl oz. US) unit filled with LHHT 265 oil (high temperature) |
| LAGD 125/FHF15 */** | 125 ml (4,25 fl oz. US) unit filled with LHFP 150 oil (food compatible, NSF H1 approved) |
| LAGD 125/FU */** | 125 ml (4,25 fl oz. US) empty unit suitable for oil filling only |

* Includes non-return valve
** Not available in USA and Canada

Accessories ordering details

| Designation | Description | Designation | Description |
|---------------|-------------------------------|----------------|--|
| LAPA 45 | Angle connection 45° | LAPN 1/8 | Nipple G 1/4 – G 1/8 |
| LAPA 90 | Angle connection 90° | LAPN 1/2 | Nipple G 1/4 – G 1/2 |
| LAPB 3x4E1 * | Brush 30 × 40 mm | LAPN 1/4 | Nipple G 1/4 – G 1/4 |
| LAPB 3x7E1 * | Brush 30 × 60 mm | LAPN 1/4UNF | Nipple G 1/4 – 1/4 UNF |
| LAPB 3x10E1 * | Brush 30 × 100 mm | LAPN 3/8 | Nipple G 1/4 – G 3/8 |
| LAPB 5-16E * | Elevator brush, 5 – 16 mm gap | LAPN 6 | Nipple G 1/4 – M6 |
| LAPB D2 * | Brush round Ø 20 mm | LAPN 8 | Nipple G 1/4 – M8 |
| LAPC 13 | Bracket | LAPN 8x1 | Nipple G 1/4 – M8 × 1 |
| LAPC 50 ** | Clamp | LAPN 10 | Nipple G 1/4 – M10 |
| LAPC 63 *** | Clamp | LAPN 10x1 | Nipple G 1/4 – M10 × 1 |
| LAPE 35 | Extension 35 mm | LAPN 12 | Nipple G 1/4 – M12 |
| LAPE 50 | Extension 50 mm | LAPN 12x1.5 | Nipple G 1/4 – M12 × 1,5 |
| LAPF F1/4 | Tube connection female G 1/4 | LAPP 2E ** | Protection base |
| LAPF M1/4 | Tube connection male G 1/4 | LAPP 3E ** | Protection cover |
| LAPF M1/8 | Tube connection male G 1/8 | LAPP 63 *** | Support flange |
| LAPF M3/8 | Tube connection male G 3/8 | LAPP 63V *** | Support flange with non-return valve |
| LAPG 1/4 | Grease nipple G 1/4 | LAPT 1000 | Flexible tube, 1 000 mm long, 8 × 6 mm |
| LAPM 2 | Y-connection | LAPT 5000 *** | Flexible tube, 5 000 mm long, 8 × 6 mm |
| LAPM 4 ** | Manifold (4 to 1) | LAPV 1/4 | Non return valve G 1/4 |
| | | LAPV 1/8 | Non return valve G 1/8 |
| | | LAGE 1-BAT *** | Battery pack |

* Suitable for use with oil filled SYSTEM 24 LAGD and LAGE units only
** Suitable for use with LAGD 60 and LAGD 125 SYSTEM 24 only
*** Suitable for use with LAGE 125 and LAGE 250 SYSTEM 24 only

SKF Maintenance Products

© SKF 2008/03
© SKF is a registered trademark of the SKF Group