Gas driven single point automatic lubricators

SKF SYSTEM 24 – LAGD Series

The units are supplied ready-to-use straight from the box and filled with a wide range of high performance SKF lubricants. Tool-free activation and time-setting allow easy and accurate adjustment of lubrication flow.

- Flexible dispense rate from 1 to 12 months
- Stoppable or adjustable if required
- Intrinsic safety rating: ATEX approved for zone 0
- Transparent lubricant container allows visual inspection of dispense rate
- Compact size, permits installation in restrictive areas
- Greases and chain oils available
- SKF DialSet helps to calculate the correct dispense rate

Typical applications

- Applications in restrictive and hazardous locations
- Bearing housing lubrication
- Electric motors
- Fans and pumps
- Conveyors
- Cranes
- Chains (oil)
- Elevators and escalators (oil)

Technical data

Designation	LAGD 60 and LAGD 125
Grease capacity – LAGD 60 – LAGD 125	 60 ml *(2 US fl. oz)* 125 ml *(4.2 US fl. oz)*
Nominal emptying time	Adjustable; 1–12 months
Ambient temperature range – LAGD 60/.. and LAGD 125/..	 –20 to +60 °C *(–5 to +140 °F)*
Maximum operating pressure	5 bar *(75 psi)* (at start-up)
Drive mechanism	Gas cell producing inert gas
Connection thread	R 1/4
Maximum feed line length with: – grease – oil	 300 mm *(11.8 in.)* 1 500 mm *(59.1 in.)*

Intrinsically safe approval	II 1 G Ex ia IIC T6 Ga II 1 D Ex ia IIIC T85°C Da I M1 Ex ia I Ma
EC Type Examination Certificate	Kema 07ATEX0132 X
Protection class	IP 68
Recommended storage temperature	20 °C *(70 °F)*
Storage life of lubricator	2 years
Weight	LAGD 125 approx 200 g *(7.1 oz)* LAGD 60 approx 130 g *(4.6 oz)* Lubricant included

Note: For optimum performance, SKF SYSTEM 24 LAGD units filled with LGHP 2 should not be exposed to ambient temperatures over 40 °C *(105 °F)*, or have a time setting longer than 6 months.

Ordering details

Grease	LGWA 2	LGEM 2	LGGB 2	LGHB 2	LGHP 2	LGFP 2	LGWM 2
Description	Multi-purpose EP type grease	High loads, slow rotations	Biodegradable	High temperature & loads, plain bearings	High performance polyurea	Food processing industry	High load, wide temperature
Unit 60 ml	LAGD 60/WA2	LAGD 60/EM2	–	LAGD 60/HB2	LAGD 60/HP2	LAGD 60/FP2	–
Unit 125 ml	LAGD 125/WA2	LAGD 125/EM2	LAGD 125/GB2	LAGD 125/HB2	LAGD 125/HP2	LAGD 125/FP2	LAGD 125/WM2

Chain oils	LHMT 68	LHHT 265	LHFP 150	–
Description	Medium temperature oil	High temperature oil	Food compatible, NSF H1 approved oil	Empty unit suitable for oil filling only
Unit 60 ml	LAGD 60/HMT68			LAGD 60/U
Unit 125 ml	LAGD 125/HMT68	LAGD 125/HHT26	LAGD 125/HFP15	LAGD 125/U

Note: For custom fillings, contact your SKF authorised distributor.

Accessories ordering details

Designation	Description
LAPA 45	Angle connection 45°
LAPA 90	Angle connection 90°
LAPE 35	Extension 35 mm
LAPE 50	Extension 50 mm
LAPF F 1/4	Tube connection female G 1/4
LAPF M 1/8	Tube connection male G 1/8
LAPF M 1/4	Tube connection male G 1/4
LAPF M 3/8	Tube connection male G 3/8
LAPG 1/4	Grease nipple G 1/4
LAPM 2	Y-connection
LAPN 1/8	Nipple G 1/4 – G 1/8
LAPN 1/4	Nipple G 1/4 – G 1/4
LAPN 1/2	Nipple G 1/4 – G 1/2
LAPN 1/4 UNF	Nipple G 1/4 – 1/4 UNF
LAPN 3/8	Nipple G 1/4 – G 3/8
LAPN 6	Nipple G 1/4 – M6
LAPN 8	Nipple G 1/4 – M8

Designation	Description
LAPN 8x1	Nipple G 1/4 – M8 × 1
LAPN 10	Nipple G 1/4 – M10
LAPN 10x1	Nipple G 1/4 – M10 × 1
LAPN 12	Nipple G 1/4 – M12
LAPN 12x1.5	Nipple G 1/4 – M12 × 1,5
LAPB 3x4E1	Brush 30 × 40 mm
LAPB 3x7E1	Brush 30 × 60 mm
LAPB 3x10E1	Brush 30 × 100 mm
LAPB 5-16E1	Elevator brush, 5–16 mm gap
LAPB D2	Brush round Ø20 mm
LAPV 1/4	Non-return valve G 1/4
LAPV 1/8	Non-return valve G 1/8
LAPC 50	Clamp
LAPP 4	Protection base
LAPP 6	Protection cap
LAPT 1000	Flexible tube, 1 000 mm long, 8 × 6 mm

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