

SKF SYSTEM 24 – SKF LAGD series

Gas driven single point automatic lubricators

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

Typical applications

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

SKF DialSet helps to calculate the correct dispense rate.



Technical data			
Designation	LAGD 60 and LAGD 125		
Grease capacity		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
LAGD 60	60 ml (2 US fl. oz)		
LAGD 125	125 ml (4.2 US fl. oz)	EC Type examination certificate	Kema 07ATEX0132 X
Nominal emptying time	Adjustable; 1–12 months	Protection class	IP 68
Ambient temperature range		Recommended storage temperature	20 °C (70 °F)
LAGD 60/.. and LAGD 125/..	–20 to +60 °C (–5 to +140 °F)	Storage life of lubricator	2 years
Maximum operating pressure	5 bar (75 psi) (at start-up)	Weight	
Drive mechanism	Gas cell producing inert gas	LAGD 60	approx 200 g (7.1 oz)
Connection thread	R ¹ / ₄	LAGD 125	approx 130 g (4.6 oz)
Maximum feed line length with:		Lubricant included	
grease	300 mm (11.8 in.)		
oil	1 500 mm (59.1 in.)		

Note: If ambient temperature is constant between 40 °C and 60 °C (105 °F and 140 °F), do not select a setting of more than 6 months for optimum performance.
LGHP 2 should not be used with 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	LGWQ 2
Description	High load, extreme pressure, wide temperature range	High viscosity bearing grease with solid lubricants	Biodegradable	High load, high temperature, high viscosity	High performance, high temperature	Food compatible NSF H1 certified	High loads, wide temperature	High load and wide temperature food grade
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	LAGD 125/FQ2
Chain oils	LHMT 68	LHHT 265	LFFM 80	LHFP 150	LFFT 220	–	–	–
Description	Medium temperature oil	High temperature oil	Food grade (NSF H1) oil	Food grade (NSF H1) oil	Food grade (NSF H1) oil	Food grade (NSF H1) oil	Empty unit suitable for oil filling only	–
Unit 60 ml	LAGD 60/HMT68 ¹⁾	–	–	–	–	–	LAGD 60/U	–
Unit 125 ml	LAGD 125/HMT68 ¹⁾	LAGD 125/HHT26 ¹⁾	LAGD 125/FFM80 ¹⁾	LAGD 125/HFP15 ¹⁾	LAGD 125/FFT22 ¹⁾	LAGD 125/FFT22 ¹⁾	LAGD 125/U ¹⁾	LAGD 125/U ¹⁾

Accessories ordering details

Designation	Description	Designation	Description	Designation	Description
LAPA 45	Angle connection 45°	LAPN 1/8	Nipple G ¹ / ₄ – G ¹ / ₈	LAPB 3x4E1	Brush 30 × 40 mm
LAPA 90	Angle connection 90°	LAPN 1/4	Nipple G ¹ / ₄ – G ¹ / ₄	LAPB 3x7E1	Brush 30 × 60 mm
LAPE 35	Extension 35 mm	LAPN 1/2	Nipple G ¹ / ₄ – G ¹ / ₂	LAPB 3x10E1	Brush 30 × 100 mm
LAPE 50	Extension 50 mm	LAPN 1/4 UNF	Nipple G ¹ / ₄ – 1/4 UNF	LAPB 5-16E1	Elevator brush, 5–16 mm gap
LAPF F ¹ / ₄	Tube connection female G ¹ / ₄	LAPN 3/8	Nipple G ¹ / ₄ – G ³ / ₈	LAPV 1/4	Non-return valve G ¹ / ₄
LAPF M 1/8	Tube connection male G ¹ / ₈	LAPN 6	Nipple G ¹ / ₄ – M6	LAPV 1/8	Non-return valve G ¹ / ₈
LAPF M 1/4	Tube connection male G ¹ / ₄	LAPN 8	Nipple G ¹ / ₄ – M8	LAPC 50	Clamp
LAPF M 3/8	Tube connection male G ³ / ₈	LAPN 8x1	Nipple G ¹ / ₄ – M8 × 1	LAPP 4	Protection base
LAPG 1/4	Grease nipple G ¹ / ₄	LAPN 10	Nipple G ¹ / ₄ – M10	LAPP 6	Protection cap
LAPM 2	Y-connection	LAPN 10x1	Nipple G ¹ / ₄ – M10 × 1	LAPT 1000	Flexible tube, 1 000 mm long, 8 × 6 mm
		LAPN 12	Nipple G ¹ / ₄ – M12		
		LAPN 12x1.5	Nipple G ¹ / ₄ – M12 × 1,5		

¹⁾ Includes non-return valve

skf.com | mapro.skf.com | skf.com/lubrication

© SKF is a registered trademark of the SKF Group.

© SKF Group 2017

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB MP/P8 12666/2 EN · September 2017