SKF SYSTEM 24 - LAGD series

Gas driven single point automatic lubricators

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SKF 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

Typical applications

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

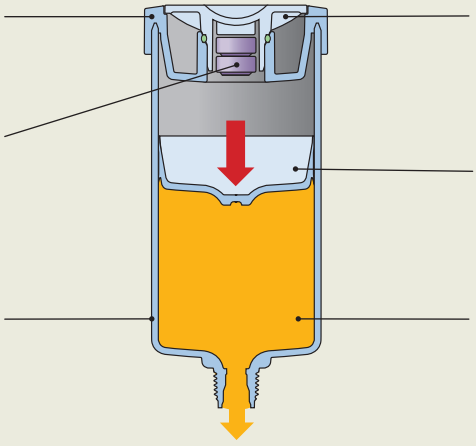
SKF DialSet helps to calculate the correct dispense rate.

Multiple accessories are available for LAGD lubricators.
More information can be found on page 4.

Easy-grip top-cover
Specially designed top ring for an optimum grip

Gas cell
Detachable batteries for an environmentally friendly disposal

Lubricant container
Transparent lubricant container allows visual inspection of dispense rate



Toolless dial
Allows easy and accurate adjustment of flow rate

Piston
Special piston shape helps ensure optimum emptying of lubricator

SKF Lubricants
Filled with high quality SKF lubricants

Ordering details

Grease	Description	Unit 60 ml	Unit 125 ml
LGWA 2	High load, extreme pressure, wide temperature range	LAGD 60/WA2	LAGD 125/WA2
LGEM 2	High viscosity bearing grease with solid lubricants	LAGD 60/EM2	LAGD 125/EM2
LGGB 2	Biodegradable	–	LAGD 125/GB2
LGHB 2	High load, high temperature, high viscosity	LAGD 60/HB2	LAGD 125/HB2
LGHQ 2	High load, high temperature, high viscosity	LAGD 60/HQ2	LAGD 125/HQ2
LGWM 2	High loads, wide temperature	–	LAGD 125/WM2
LGFG 2	General purpose food grade (NSF H1)	LAGD 60/FG2	LAGD 125/FG2
LGFQ 2	High load and wide temperature food grade (NSF H1)	–	LAGD 125/FQ2
Chain oils [1]			
LHMT 68	Medium temperature	LAGD 60/HMT68	LAGD 125/HMT68
LHHT 250	High temperature	–	LAGD 125/HT250
LFFM 100	General purpose food grade (NSF H1)	–	LAGD 125/FM100
LFFT 220	High temperature food grade (NSF H1)	–	LAGD 125/FT220
	Empty unit suitable for oil filling only	LAGD 60/U	LAGD 125/U

[1] Includes non-return valve

Technical data

Designation	LAGD 60 and LAGD 125
Grease capacity	
LAGD 60	60 ml *(2 US fl. oz)*
LAGD 125	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	300 mm *(11.8 in.)*
oil	1 500 mm *(59.1 in.)*
Intrinsically safe approval	II 1G Ex ia IIC T6 Ga II 1D Ex ia IIIC T_{200} 85°C Da I M1 Ex ia I Ma
EC Type examination certificate	DEKRA 21ATEX0015 X
Protection class	IP 68
Recommended storage temperature	20 °C *(70 °F)*
Storage life of lubricator	2 years
Weight	
LAGD 60	approx 130 g *(4.6 oz)*
LAGD 125	approx 200 g *(7.1 oz)* Lubricant included

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.

Accessories

Designation	Description	Designation	Description	Designation	Description
LAPA 45	Angle connection 45°	LAPN 1/2	Nipple G 1/4 – G 1/2	LAPB 5-16E1	Elevator brush, 5–16 mm gap
LAPA 90	Angle connection 90°	LAPN 1/4 UNF	Nipple G 1/4 – 1/4 UNF	LAPV 1/4	Non-return valve G 1/4
LAPE 35	Extension 35 mm	LAPN 3/8	Nipple G 1/4 – G 3/8	LAPV 1/8	Non-return valve G 1/8
LAPE 50	Extension 50 mm	LAPN 6	Nipple G 1/4 – M6	LAPC 50	Clamp
LAPF F 1/4	Tube connection female G 1/4	LAPN 8	Nipple G 1/4 – M8	LAPP 4	Protection base
LAPF M 1/8	Tube connection male G 1/8	LAPN 8x1	Nipple G 1/4 – M8 × 1	LAPP 6	Protection cap
LAPF M 1/4	Tube connection male G 1/4	LAPN 10	Nipple G 1/4 – M10	LAPT 1000	Flexible tube, 1 000 mm long, 8 × 6 mm
LAPF M 1/4SW	Extra strong tube connection male G 1/4	LAPN 10x1	Nipple G 1/4 – M10 × 1	LAPT 5000	Flexible tube, 5 000 mm long, 8 × 6 mm
LAPF M 3/8	Tube connection male G 3/8	LAPN 12	Nipple G 1/4 – M12	LAPT 1000SW	Extra strong flexible tube, 1 000 mm long, 8 × 6 mm
LAPG 1/4	Grease nipple G 1/4	LAPN 12x1.5	Nipple G 1/4 – M12 × 1,5	LAPT 5000SW	Extra strong flexible tube, 5 000 mm long, 8 × 6 mm
LAPM 2	Y-connection	LAPB 3x4E1	Brush 30 × 40 mm		
LAPN 1/8	Nipple G 1/4 – G 1/8	LAPB 3x7E1	Brush 30 × 60 mm		
LAPN 1/4	Nipple G 1/4 – G 1/4	LAPB 3x10E1	Brush 30 × 100 mm		

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