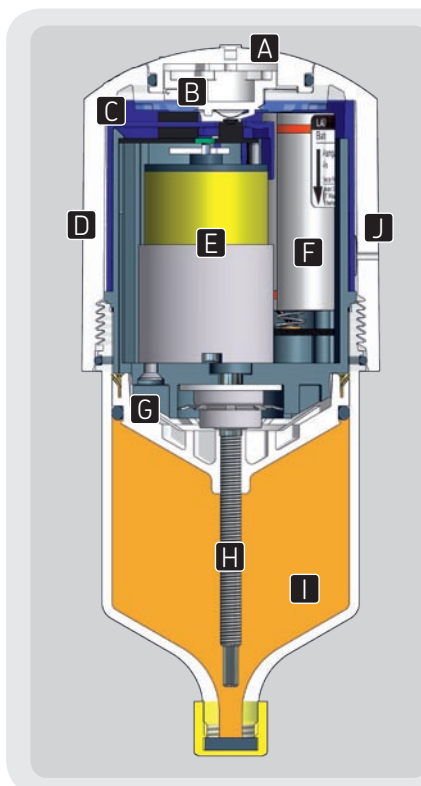


# SKF SYSTEM 24

## Single point automatic lubricator LAGE 125 and LAGE 250

### Reliable, reusable lubricator system meets many needs

The LAGE series of the SKF SYSTEM 24 family are single point electro mechanical driven automatic lubricator systems. Suitable for a wide range of applications and operating conditions, the units are reliable and flexible in operation. Supplied ready to use straight from the box and ease of installation makes the units a perfect complement to the comprehensive range of SKF automatic lubricators.



**A B On/off knob and time setting dial**  
Enable easy activation and dial setting

**C LED status indicators**  
Helps verify operating status

**D Drive cover**  
Easily removable, seals and helps prevent ingress of dirt and moisture

**E Electric motor and gearbox**  
Helps enable constant discharge pressure

**F Battery pack**

**G Piston**  
Special piston shape helps ensure optimum emptying of lubricator

**H Spindle**  
Rotates to drive piston, enabling lubricant to be dispensed

**I Lubricant canister**  
Filled with high quality SKF lubricant

**J Anti-vacuum membrane**  
Helps prevent vacuum forming

- Electro mechanical driven makes the unit highly reliable in operation
- Available in two sizes: 122 ml (LAGE 125) and 250 ml (LAGE 250) to suit most bearing lubrication applications
- Remote mounting up to 3 meters (10 ft) for grease filled units and 5 meters (16 ft) for oil filled units allows lubrication of bearings in areas with high ambient temperatures, vibration or hazardous environments
- Available filled with various high quality SKF greases and oils, to suit a wide range of bearing applications
- Refill sets consisting of a canister filled with SKF Grease or Oil and a battery pack help ensure reliable lubricator operation
- Flexible user adjustable dispense settings of 1, 3, 6, 9 or 12 months for use in many different applications
- Ingress protection to IP 65 level allows the lubricator to be used in many dusty and wet environments.
- Temperature independent dispense rate, suitable for use in applications with changing temperatures
- Unlike gas powered units, a maximum discharge pressure of 5 bar can be achieved over the whole lubricant dispensing period
- Easy activation using a clearly marked dial helps minimize setting errors
- Transparent lubricant container allows visual inspection of dispense rate, whilst electro mechanical functions are indicated by simple red-green LED indicators.
- UL listed
- Wide range of accessories is available
- SKF SYSTEM 24 LAGE series is fully featured in SKF DialSet 4.0



Re-lubrication



## Ordering guide

Lubricant	Description	Product	Complete designation
<b>Greases</b>			
LGWA 2	Multi-purpose EP type grease	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/WA2 LAGE 250/WA2 LGWA 2/EML125 LGWA 2/EML250
LGEM 2	High loads, slow rotations	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/EM2 LAGE 250/EM2 LGEM 2/EML125 LGEM 2/EML250
LGHB 2	High temperature, loads, plain bearing	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/HB2 LAGE 250/HB2 LGHB 2/EML125 LGHB 2/EML250
LGHP 2	High performance polyurea	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/HP2 LAGE 250/HP2 LGHP 2/EML125 LGHP 2/EML250
LGFP 2	Food processing industry	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/FP2 LAGE 250/FP2 LGFP 2/EML125 LGFP 2/EML250
<b>Oils</b>			
LHMT 68	Medium temperature oil	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/HMT68 LAGE 250/HMT68 LHMT 68/EML125 LHMT 68/EML250
LHHT 265	High temperature oil	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/HHT26 LAGE 250/HHT26 LHHT 265/EML12 LHHT 265/EML25
LHFP 150	Food compatible, NSF H1 approved oil	Complete unit 125 Complete unit 250 Refill set 125 Refill set 250	LAGE 125/HFP15 LAGE 250/HFP15 LHFP 150/EML12 LHFP 150/EML25



## Technical data

Designations		LAGE 125 / LAGE 250
Grease capacity	LAGE 125	122 ml (4,1 fl. oz US)
	LAGE 250	250 ml (8,5 fl. oz US)
Emptying time	User adjustable: 1, 3, 6, 9 and 12 months	
Ambient temperature range	0 °C (-10°C peak ) to 50 °C (32 °F (14 °F peak) to 122 °F)	
Maximum operating pressure	5 bar (75 psi)	
Drive mechanism	Electro mechanical	
Connection thread	R 1/4	
Maximum feed line length with:	grease	Up to 3 meters (10 ft) *
	oil	Up to 5 meters (16 ft)
LED status indicators	operating, purging lubricant, empty, malfunction	

UL certification	UL listed T code 59°C - Category BAYZ – 92UM Lubricant dispensing equipment for use in hazardous locations Class I, Division II, Group A, B, C, D Class II, Division II, Group F &G Class III IP 65	
Protection class assembled lubricator	IP 65	
Battery pack	4,5V 2,7 Ah - Alkaline manganese	
Recommended storage temperature	20 °C (70 °F)	
Storage life of lubricator	3 years ** (2 years for LGFP 2 and Oils)	
Total weight	LAGE 125	635 g (22,5 oz)
	LAGE 250	800 g (28,2 oz)

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

\*\* Storage life is 3 years from production date, which is printed on the side of the canister.

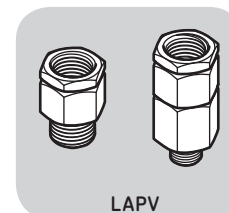
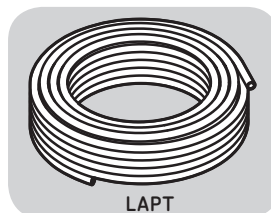
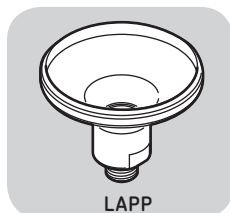
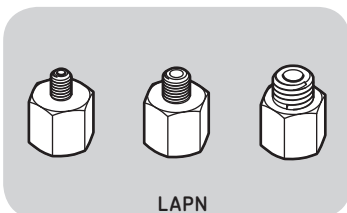
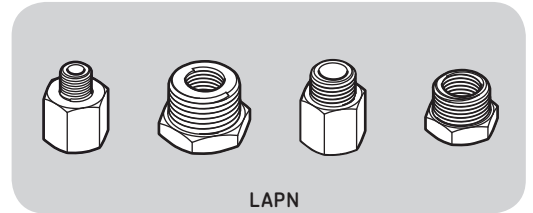
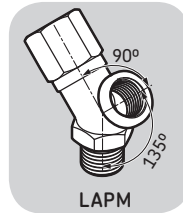
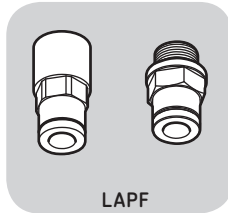
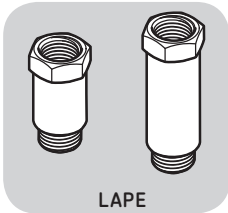
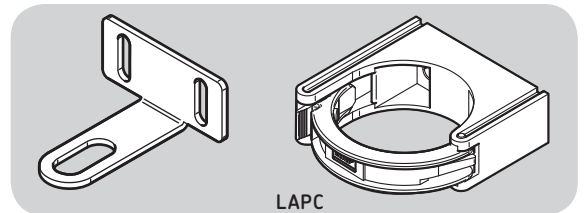
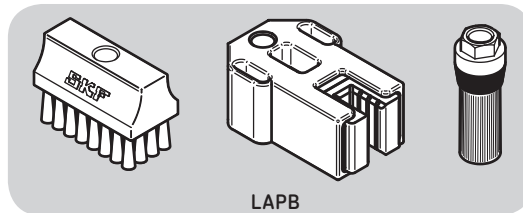
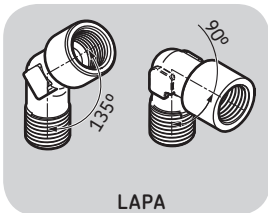
The canister and battery pack may be used even at 12 months setting if activated 3 years from production date.



## Ordering details accessories SKF SYSTEM 24

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

\* Suitable for use with oil filled SKF SYSTEM 24 LAGE 125 and 250 units only



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MP/PDS LAGE EN • October 2009

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## How to contact your authorised distributor

### Distribution Centres

#### Rotherham CDC

**T** 0845 602 9946

**F** 01709 789 988

**E** [sales@acorn-ind.co.uk](mailto:sales@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk](http://www.acorn-ind.co.uk)

#### Midlands RDC

**T** 0121 521 5999

**F** 0121 521 5888

**E** [midlands@acorn-ind.co.uk](mailto:midlands@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk/midlands](http://www.acorn-ind.co.uk/midlands)

#### North East RDC

**T** 0191 417 8899

**F** 0191 419 0001

**E** [northeast@acorn-ind.co.uk](mailto:northeast@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk/northeast](http://www.acorn-ind.co.uk/northeast)

#### South West RDC

**T** 01179 820 414

**F** 01179 823 222

**E** [southwest@acorn-ind.co.uk](mailto:southwest@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk/southwest](http://www.acorn-ind.co.uk/southwest)

### Regional Branches

#### North West Branch

**T** 0845 602 3568

**F** 01229 833 510

**E** [northwest@acorn-ind.co.uk](mailto:northwest@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk/northwest](http://www.acorn-ind.co.uk/northwest)

#### Scotland Branch

**T** 01506 476 199

**F** 01506 462 655

**E** [scotland@acorn-ind.co.uk](mailto:scotland@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk/scotland](http://www.acorn-ind.co.uk/scotland)

### Divisions

#### Export Division

**T** +44 1709 789 933

**F** +44 1709 789 966

**E** [export@acorn-ind.co.uk](mailto:export@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk/export](http://www.acorn-ind.co.uk/export)

#### Linear Division

**T** 01709 789 949

**E** [linear@acorn-ind.co.uk](mailto:linear@acorn-ind.co.uk)

**W** [www.acorn-ind.co.uk/linear](http://www.acorn-ind.co.uk/linear)