



SKF Single-point Automatic Lubricator SYSTEM 24®

Automatic lubrication, 24 hours a day, 7 days a week

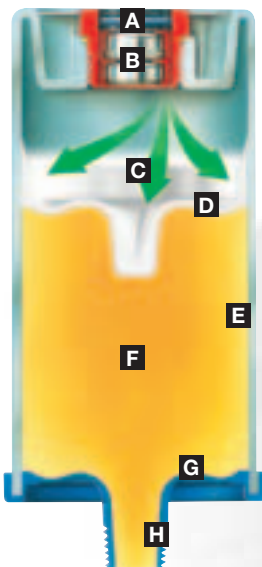
Any bearing deprived of correct lubrication will fail well within its predicted lifespan. With that fundamental engineering principle in mind SKF® offers SKF SYSTEM 24, an advanced generation of single-point automatic lubricators, which bridge the conflicting interests of commercial needs and environmental pressures.

Practical benefits

SKF SYSTEM 24 sets new standards in lubrication management and efficiency:

- Reliability - allowing fit and forget procedures until predetermined replacement time
- Flexible time setting, up to 12 months, reduces inventory cost as one lubricator covers wide range of time settings
- Dispense rate setting is a simple part of the installation process
- Available in two sizes; 125 ml and 60 ml, LAGD 125 and LAGD 60
- Transparent container to check lubricant levels
- High capacity, compact size permits installation in restricted areas
- Can be temporarily deactivated
- Hermetic sealing prevents ingress of dirt or foreign matter
- No harmful chemicals to generate the drive gas
- Intrinsically safe (Ex) approved for use in potentially explosive atmospheres by TÜV in Germany and FM Global in the USA
- SKF offers SYSTEM 24 filled with various SKF bearing greases and oils for a wide range of applications
- Allows low grease purge:
lowest possible purge for LAGD 60 is 4,5 g (0.15 oz)/month, for LAGD 125 the lowest is 9 g (0.31 oz)/month
- SKF DialSet re-lubrication calculation program includes a special calculation function for the 60 ml version of SYSTEM 24
- Wide range of accessories is available such as adapter nipples, tubes and brushes

Note: SYSTEM 24® is a trademark of SKF USA Inc.



- A Lubricator time set dial**
Allows easy and accurate adjustment of lubrication flow
- B Gas cell**
Patented cell design enables controlled production of hydrogen gas
- C Hydrogen gas**
Build up of gas dispenses lubricant consistently
- D Special piston shape**
Ensures optimum emptying of lubricator

- E Transparent container**
Allows visual checking of dispense rate
- F High performance SKF grease**
Available with various SKF greases
- G Profiled base**
Matches piston profile
- H Cartridge neck**
Screws into lubrication point or accessories



DialSet Re-lubrication Calculation Program

- Determines the right time setting for your SKF single-point and multiple-points automatic lubricators, SYSTEM 24 and SYSTEM MultiPoint applications
- Advises when to use LAGD 125 and when to use LAGD 60
- Based on SKF General Catalogue, operating conditions and SYSTEM 24 and SYSTEM MultiPoint grease dispense rates
- Available on CD-ROM and suitable for PC's working with MS Windows 95 or later
- Available in English, French, German, Swedish, Spanish and Italian



Ordering details

Designation	Description
LAGD 125/WA2	125 ml (4.25 fl oz. US) unit filled with LGWA 2 grease
LAGD 60/WA2	60 ml (2.03 fl oz. US) unit filled with LGWA 2 grease
LAGD 125/EM2	125 ml (4.25 fl oz. US) unit filled with LGEM 2 grease
LAGD 125/FP2	125 ml (4.25 fl oz. US) unit filled with LGFP 2 grease
LAGD 125/GB2	125 ml (4.25 fl oz. US) unit filled with LGGB 2 grease
LAGD 125/HB2	125 ml (4.25 fl oz. US) unit filled with LGHB 2 grease
LAGD 125/HP2	125 ml (4.25 fl oz. US) unit filled with LGHP 2 grease
LAGD 125/HFP12*	125 ml (4.25 fl oz. US) unit filled with food processing oil (viscosity ISO 120)
LAGD 125/HHT26*	125 ml (4.25 fl oz. US) unit filled with synthetic high temperature chain oil (viscosity ISO 265)
LAGD 125/HMT68*	125 ml (4.25 fl oz. US) unit filled with mineral EP type chain oil (viscosity ISO 68)
LAGD 60/HMT68*	60 ml (2.03 fl oz. US) unit filled with mineral EP type chain oil (viscosity ISO 68)
LAGD 125/U*	125 ml (4.25 fl oz. US) empty unit suitable for oil filling

* Includes non-return valve

LAGD 125 and LAGD 60

Grease capacity	LAGD 125 LAGD 60	125 ml (4.25 fl oz. US) 60 ml (2.03 fl oz. US)	Recommended storage temperature	20 °C (70 °F)
Nominal emptying time	Adjustable; 1 - 12 months		Storage life of lubricator	2 years
Ambient temperature range	-20 to 55 °C (-5 to 131 °F)		Gas cell life	3 years
Maximum operating pressure	5 bar (73 psi)		Weight	approx 190g (6.7 oz) lubricant included
Drive mechanism	Gas cell producing hydrogen gas (H ₂)			
Connection thread	G 1/4			
Intrinsically safe approval (TÜV)	II 2 G and EEx ib IIC T6			

SYSTEM 24 accessories

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 3X4E*	Lubrication brush 3 x 4 cm	LAPN 1/4	Nipple G 1/4 - G 1/4
LAPB 3X7E*	Lubrication brush 3 x 7 cm	LAPN 3/8	Nipple G 1/4 - G 3/8
LAPB 3X10E*	Lubrication brush 3 x 10 cm	LAPN 6	Nipple G 1/4 - M6
LAPB 5-16*	Lift rail lubrication brush	LAPN 8	Nipple G 1/4 - M8
LAPB D2*	Lubrication brush; round, diameter 2 cm	LAPN 8X1	Nipple G 1/4 - M8x1
LAPC 50	Clamp	LAPN 10	Nipple G 1/4 - M10
LAPE 35	Extension 35 mm	LAPN 10X1	Nipple G 1/4 - M10x1
LAPE 50	Extension 50 mm	LAPN 12	Nipple G 1/4 - M12
LAPT 1000	Flexible tube, 1 000 mm (39.4 in) long	LAPN 12X1.5	Nipple G 1/4 - M12x1,5
LAPF F1/4	Tube connection female G 1/4	LAPP 1	Dust protection cab
LAPF M1/4	Tube connection male G 1/4	LAPP 2	Protection base
LAPF M1/8	Tube connection male G 1/8	LAPP 3	Protection cover
LAPF M3/8	Tube connection male G 3/8	LAPM 1x1**	Mounting bracket, single
LAPG 1/4	Grease nipple G 1/4	LAPM 1x3**	Mounting bracket, triple
LAPM 2	Y-connection	LAPM 1x5**	Mounting bracket, fivefold
LAPM 4	4 to 1 manifold G 1/2	LAPV 1/4	Non return valve G 1/4
		LAPV 1/8	Non return valve G 1/8

* Suitable for use with oil filled SYSTEM 24 units only

** Only in combination with LAPP 2

In line with our policy of continuous development of our products we reserve the right to alter any part of the above specification without prior notice.

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SKF Maintenance Products

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