

# Reliability reinvented

Increase lubrication performance with the new SL-6 injector



# Keep machines running with the right lubrication solutions

With higher demands on productivity, less time for maintenance and no tolerance for unplanned stops, lubrication performance is key to machine performance. Reliable lubrication solutions are a must to get the uptime you invested in.

The new SKF Lincoln SL-6 metering device is our latest single-line automatic lubrication system injector. A proven design that is thoroughly updated to meet new demands on maintainability, leakage-protection and long-lasting performance even with harsh extreme pressure greases.

## Your automatic lubrication system helps you increase productivity

With an SKF Lincoln automatic lubrication system you have taken a giant step towards increased productivity. Your lubrication system makes sure lubricant constantly flows to bearings, pins and bushings. It lubricates your machines while in motion, overcoming loads and allowing grease to protect all wear surfaces. With less maintenance, less time spent on manual greasing, reduced grease consumption and longer component life, you will experience return on your investment. Make sure to keep up the reliability.

## The new SL-6 injector helps improve lubrication reliability

### Long-lasting performance even with harsh greases

For some applications, harsh greases are necessary. The design changes and improvements implemented with the new SKF Lincoln SL-6 provide long-time performance even with harsh EP (extreme pressure) greases.

## Maintenance made easy

For easier maintenance and service, the new SL-6 has several design changes:

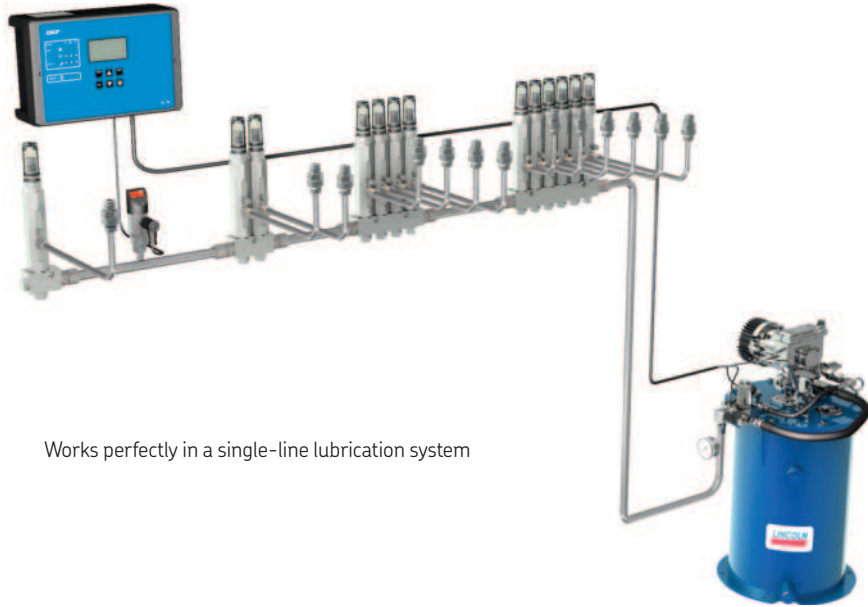
Knurls on the top of the plastic cap make removal or replacement of the cap easier

A highly visible red indicator pin allows for easy function checks

The adjusting screw can be managed with basic crescent wrenches rather than channel locks

A hex-shaped body makes it easier to work with the injector in tight spaces





Works perfectly in a single-line lubrication system

### Reduced risk of leakage

Leaking injectors can cause under-lubrication of the bearing or the area around the injector can get soiled with grease. The improved sealing technology of the SL-6 reduces the risk of bypass, and in the unlikely event of a failure, the closed design leads bypass lubricant to the bearing.

### Reduced plumbing costs of new lubrication systems

SKF Lincoln single-line injectors use the residual pressure in the lubrication pipes to support venting of the injectors. This means that the venting time of the system can be kept to a minimum and even shorter than for a two-line system or a system with larger diameter pipes.

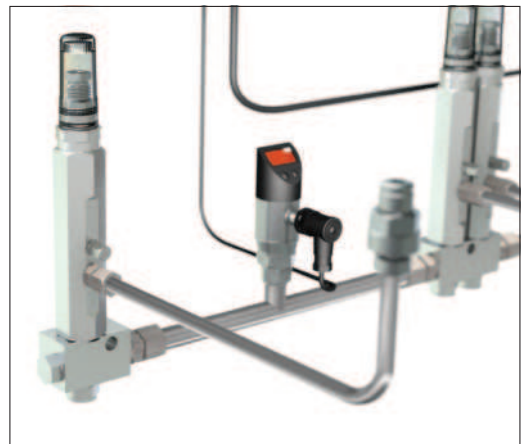
### Quicker repairs – less downtime

Bypassing injectors threaten the condition of the bearing and need to be exchanged or repaired as quickly as possible. On SL-6, you only need to exchange two components to get a bypassing injector to function properly.

### Retrofittable to existing applications

The broad output range makes the SL-6 a suitable replacement for injectors with different outputs and the standard dimensions and connections make it easy to fit in an existing system.

LONG-LASTING  
PERFORMANCE  
EVEN WITH  
HARSH  
GREASES



## Technical data

Function principle	Metering device <sup>1)</sup> / lubricant injector	
Outlets	1 to 6	
Metering quantity <sup>2)</sup>	0.25 to 5.00 cm <sup>3</sup>	0.015 to 0.305 in <sup>3</sup>
Lubricant	Greases up to NLGI 0, 1, 2	
Operating temperature	max. +82 °C	max. +180 °F
Operating pressure	128–413 bar	1 850–6 000 psi
	Typical: 172 bar	typical: 2 500 psi
Relief pressure	70 bar	1 000 psi
Material	Carbon steel	
Connection main line	3/8 NPTF (F)	
Connection outlet	1/8 NPTF (F)	
Dimensions	min. 63 × 251 × 35 mm	min. 2.5 × 9.9 × 1.4 in
	max. 203 × 251 × 35 mm	max. 8.0 × 9.9 × 1.4 in
Mounting position	Any	

<sup>1</sup> Metering device manifolds have 10.3 mm (0.4 in) diameter mounting holes for 9.5 mm (0.375 in) bolt. Metering devices have polyurethane seals; check compatibility with synthetic lubricants. Metering devices include fitting for filling feedlines via alternate outlet port.

<sup>2</sup> For more detailed information, please refer to the manual.

## Order information

Part number	Description	Number of outlets
85880-1	SL-6 manifold with one metering device	1
85880-2	SL-6 manifold with two metering devices	2
85880-3	SL-6 manifold with three metering devices	3
85880-4	SL-6 manifold with four metering devices	4
85880-5	SL-6 manifold with five metering devices	5
85880-6	SL-6 manifold with six metering devices	6
85881	Replacement for manifold metering device	-
85882	Single metering device, no manifold, 3/8 NPTF (M)	-