

Lubricant supply pump P 502



P 502 is a simple, small and compact lubricant supply pump. It can be used to provide progressive centralized lubrication systems or also a maximum of two lubrication points individually with lubricant.

Fields of application

- Commercial vehicles; on- or off-road
- Small construction machines
- Stackers
- Agricultural machines
- Industrial applications
- The optimized design of its housing and reservoir make the P 502 a very good solution for splash zones in the food & beverage industry



Lubricant supply pump P 502

Power supply

The P 502 pump can be operated with a 12 or 24 V DC power supply and can be equipped with a low-level indication (fold-down plate) as an option.

Electrical connection to the pump can be realized by square plug, bayonet plug, or M12 plug.

Control

The pump can be operated without integrated control unit or with an integrated control printed circuit board for pause time and lubrication time adjustments.

With its proven rotary switch technology, adjustments of pause times and lubrication times are safe and easy to be done.

A pushbutton on the control printed circuit board or an external illuminated pushbutton allow triggering additional lubrication cycles at any time.

Pump elements

One or maximum two pump elements of the proven installation sizes K5, K6, K7 and B7 ensure the desired lubricant supply volumes at a temperature range from -25 to +70 °C.

Pressure protection

An external pressure reducing valve allows the pump and the downstream system to be driven at a maximum operating pressure of 270 bar.

Technical data:

Reservoir size	1 litre
Pump elements	K5, K6, K7, B7
Output volumes/stroke K5	0,1 cm ³
Output volumes/stroke K6	0,18 cm ³
Output volumes/stroke K7	0,22 cm ³
Output volumes/stroke B7	0,1 cm ³
Motor revolutions	about 10 r/min
Power supply	12 or 24 V DC
Maximum operating pressure	270 bar
Operating temperature	-25 to +70 °C
Lubricants	Greases up to NLGI 2 or oils of at least 40 N/mm ² (cST)



Lincoln GmbH

Heinrich-Hertz-Str. 2-8 • 69190 Walldorf • Germany
Tel. +49 (0)6227 33-0 • Fax +49 (0)6227 33-259

© SKF is a registered trademark of the SKF Group

© Lincoln is a registered trademark of Lincoln Industrial Corp

© SKF Group 2012

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.

SKF PUB LS/S7 12737 EN • April 2012 • FORM W-196-EN-0412

