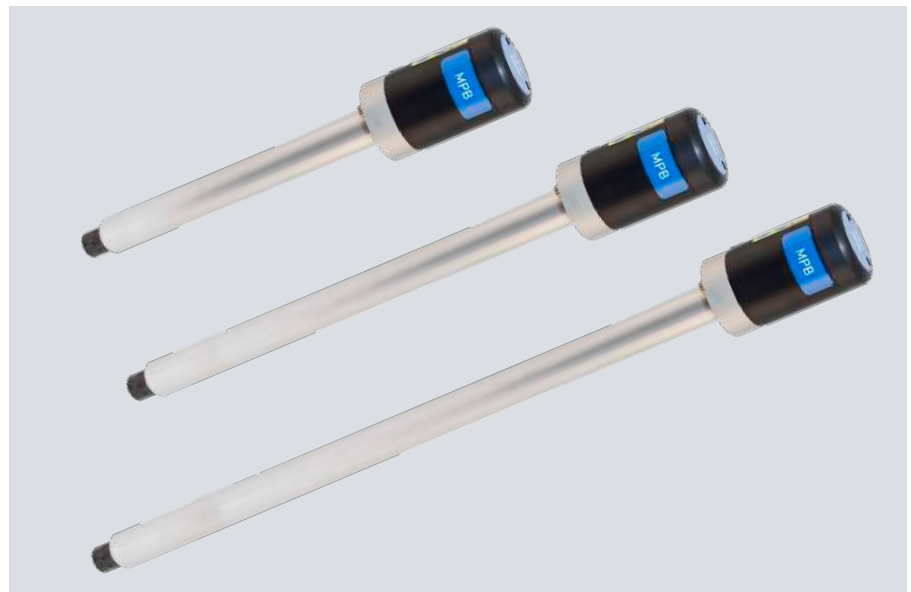


# Air-operated barrel pump MPB

For use in progressive, dual-line and single-line lubrication systems

The SKF Lincoln MPB pump unit has some unique new features and it is especially designed for automatic lubrication systems. The most essential difference is that it has a magnetically operated air motor valve while the traditional air-operated pumps have a mechanical air motor valve. This will reduce the amount of mechanical components and also eliminates the need of lubrication in the air motor.

The pump is suitable for use with 18, 50 and 180 kg (40, 120 and 400 lb) lubricant barrels. When equipped with a suitable adapter, the MPB pump unit can also be used in lubricant bulk containers. In addition to various grease NLGI classes the MPB pump unit can also be used to pump oil grades up to 10 000 mm<sup>2</sup>/s.



MPB pump size variants

## Features and benefits

- Lubrication-free air motor
- Fewer mechanical components extend service life of the air motor
- Operates effectively in a wide range of temperatures
- IP 65 protection rating

## Applications

- Paper industry
- Steel industry
- Heavy industry



### NOTE

Further technical information, about Maxilube  
**PUB 18266 EN**

### Technical data

Function principle	Air-operated piston pump for barrels
Operating temperature	-10 to +55 °C, +14 to +131 °F
Operating pressure	max. 300 bar, 4 350 psi
Pressure ratio	1:65 or 1:20
Pressure air supply	2 to 4,5 bar, 29 to 65 psi
Air consumption	max. 300 l/min, 80 gal/min
Lubricant	up to NLGI 2 class
Max oil viscosity	10 000 mm <sup>2</sup> /s (cSt)
Metering quantity	max. 850 g/min (1:65), max. 1900 g/min (1:20)
Drum capacity	18, 50 and 180 kg, 40, 120 or 400 lb
Protection class	IP65
Dimensions (w x h x d)	depending on the model min. 650 x 130 x 130 mm max. 920 x 130 x 130 mm min. 25.6 x 5.11 x 5.11 in max. 36.22 x 5.11 x 5.11 in
Mounting position	vertical



## Designation configurator

MPB-PUMP -

### Product series

MPB-PUMP = air-operated barrel pump

### Lubricant barrel size to be fit in

1/8 = lubricant barrel capacity: 18 kg, 40 lb

1/4 = lubricant barrel capacity: 50 kg, 120 lb

1/1 = lubricant barrel capacity: 180 kg, 400 lb

1/1-1:20 = lubricant barrel capacity: 180 kg, 400 lb; ratio 1:20 (recommended for oil)

### Available models

Order no.	Designation
<b>MPB-pump</b>	
12381700	SKF-MPB-PUMP-1/1
12381701	SKF-MPB-PUMP-1/4
12381702	SKF-MPB-PUMP-1/8
12381703	SKF-MPB-PUMP-1/1-1:20
<b>Lid sets</b>	
12381381	MAXV2-LIDSET-1/1-ECO-MPB
12381382	MAXV2-LIDSET-1/4-ECO-MPB
12381383	MAXV2-LIDSET-1/8-ECO-MPB
12381384	MAXV2-LIDSET-1/1-STA-MPB
12381385	MAXV2-LIDSET-1/4-STA-MPB
12381386	MAXV2-LIDSET-1/8-STA-MPB
12381387	MAXV2-LIDSET-1/1-OS-MPB
12381388	MAXV2-LIDSET-1/1-LG-MPB
<b>Air regulator unit</b>	
12382666	MAX-V2-SET-MPB



Lid set ECO



Lid set STA



Lid set OS



Lid set LG



Air regulator unit

SKF Lubrication Systems

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PUB LS/P8 17178/2 EN · September 2019