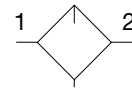


Mini Lubricator - P31

Symbol



Lubricator with drain

- Integral 1/4" ports (NPT & BSPP)
- Robust but lightweight aluminum construction
- Proportional oil delivery over a wide range of air flows
- Finger tip ratchet control for precise oil drip rate adjustment

Options:

P31LB [] **2** **L** [] **N** **N**

Basic series Global modular mini lubricator P31LB	Thread type BSPP 1 NPT 9	Port size 1/4 2	Lube type Oil mist standard sight dome L	Drain type N No drain closed end	Bowl type G Poly bowl with bowl guard M Metal bowl without sight gauge	Mounting N No bracket
--	---------------------------------------	---------------------------	---	--	---	---------------------------------

Bold items are most common.

Port size	Description	Flow† dm ³ /s (scfm)	Max. bar (psig)	Height mm (inches)	Width mm (inches)	Depth mm (inches)	Part number†
1/4"	Poly bowl - No drain	19 (40)	10 (150)	153.3 (6.04)	40 (1.58)	40 (1.58)	P31LB12LGNN
1/4"	Metal bowl - No drain	19 (40)	17 (250)	153.3 (6.04)	40 (1.58)	40 (1.58)	P31LB12LMNN

† Standard part numbers shown in bold. For other models refer to Options chart above.

‡ Flow with 6.3 bar (91.3 psig) inlet pressure and 0.34 bar (4.9 psig) pressure drop.

Specifications

Flow capacity*	1/4	19 dm ³ /s (40 scfm)
Operating temperature	Plastic bowl	-10°C to 52°C (14°F to 125°F)
	Metal bowl	-10°C to 65.5°C (14°F to 150°F)
Max. supply pressure	Plastic bowl	10 bar (150 psig)
	Metal bowl	17 bar (250 psig)
Useful retention		18 cm ³ (0.6 US oz.)
Port size	BSP / NPT	1/4
Weight		0.13 kg (0.29 lbs)

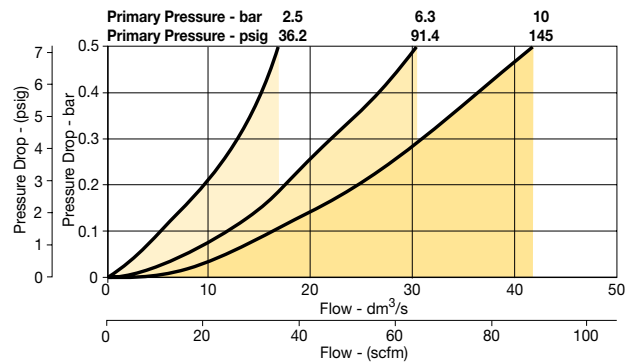
* Inlet pressure 6.3 bar (91.3 psig). Pressure drop 0.34 bar (4.9 psig).

Material Specifications

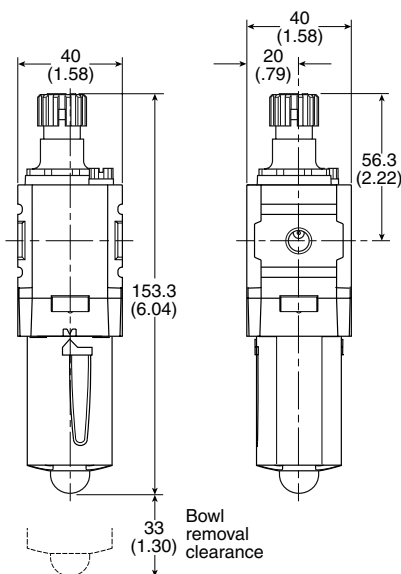
Body	Aluminum	
Body cap	ABS	
Bowl	Plastic bowl	Polycarbonate
	Metal bowl	Aluminum
Seals	Nitrile	
Sight dome	Polycarbonate	
Suggested lubricant	ISO / ASTM VG32	
Pick-up filter	Sintered bronze	

Flow Charts

P31LB 1/4" Lubricator



Dimensions mm (inches)



Repair and Service Kits

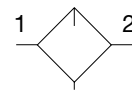
Plastic bowl / Bowl guard no drain	P31KB00BGN
Metal bowl / w/o sight gauge no drain	P31KB00BMN
Drip control assembly	P32KA00PG
Fill plug	P31KA00PL
C-bracket (fits to body)	P31KA00MW
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB
Lubricator oil - VG15: ISO 3448 - 100 ml	P3XKA00PPA
Lubricator oil - VG32 - 1 litre	P3YKA00PPBB

(DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)



Compact Lubricator - P32

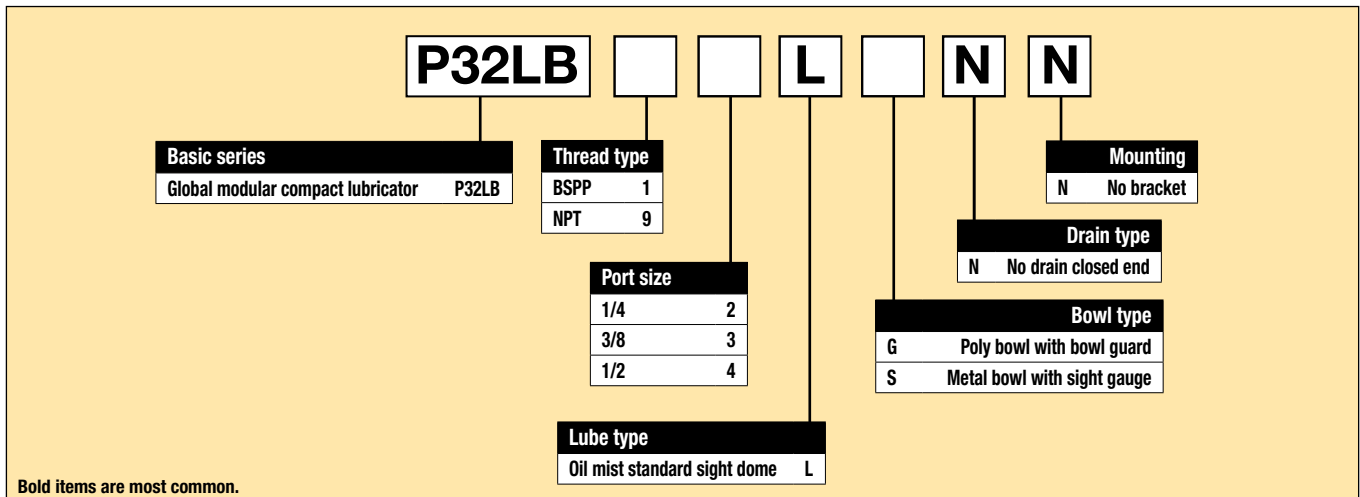
Symbol



Lubricator with drain

- Integral 1/4", 3/8" or 1/2" ports (NPT & BSPP)
- Robust but lightweight aluminum construction
- Proportional oil delivery over a wide range of air flows
- Finger tip ratchet control for precise oil drip rate adjustment
- Fill from top under system pressure

Options:



Port size	Description	Flow [‡] dm ³ /s (scfm)	Max. bar (psig)	Height mm (inches)	Width mm (inches)	Depth mm (inches)	Part number [†]
1/4"	Poly bowl - No drain	17 (35)	10 (150)	217.3 (8.56)	60 (2.36)	60 (2.36)	P32LB12LGNN
1/4"	Metal bowl - No drain	17 (35)	17 (250)	217.3 (8.56)	60 (2.36)	60 (2.36)	P32LB12LSNN
3/8"	Poly bowl - No drain	33 (70)	10 (150)	217.3 (8.56)	60 (2.36)	60 (2.36)	P32LB13LGNN
3/8"	Metal bowl - No drain	33 (70)	17 (250)	217.3 (8.56)	60 (2.36)	60 (2.36)	P32LB13LSNN
1/2"	Poly bowl - No drain	42 (90)	10 (150)	217.3 (8.56)	60 (2.36)	60 (2.36)	P32LB14LGNN
1/2"	Metal bowl - No drain	42 (90)	17 (250)	217.3 (8.56)	60 (2.36)	60 (2.36)	P32LB14LSNN

[†] Standard part numbers shown in bold. For other models refer to Options chart above.

[‡] Flow with 6.3 bar (91.3 psig) inlet pressure and 0.34 bar (4.9 psig) pressure drop.

Specifications

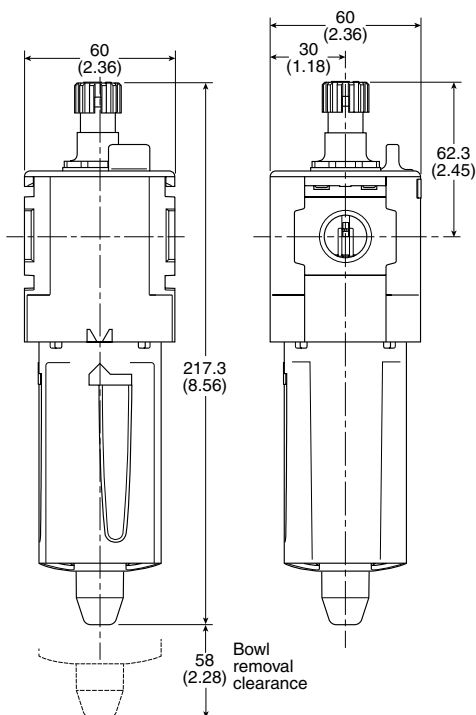
Flow capacity*	1/4	17 dm ³ /s (38 scfm)
	3/8	33 dm ³ /s (70 scfm)
	1/2	42 dm ³ /s (90 scfm)
Operating temperature	Plastic bowl	-10°C to 52°C (14°F to 125°F)
	Metal bowl	-10°C to 65.5°C (14°F to 150°F)
Max. supply pressure	Plastic bowl	10 bar (150 psig)
	Metal bowl	17 bar (250 psig)
Useful retention		121 cm ³ (4.09 US oz.)
Port size	BSPP / NPT	1/4, 3/8, 1/2
Weight		0.31 kg (0.68 lbs)

* Inlet pressure 6.3 bar (91.3 psig). Pressure drop 0.34 bar (4.9 psig).

Material Specifications

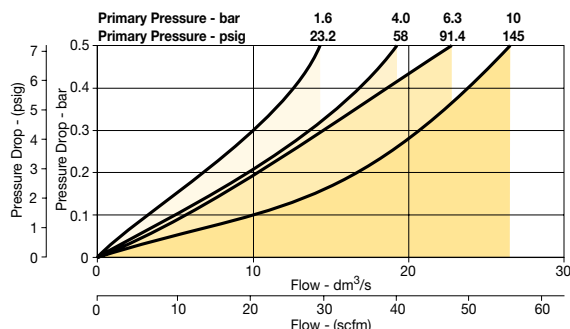
Body	Aluminum	
Body cap	ABS	
Bowls	Plastic bowl	Polycarbonate
	Metal bowl	Aluminum
Seals	Nitrile	
Sight dome	Polycarbonate	
Sight gauge	Metal bowl	Polycarbonate
Suggested lubricant	ISO / ASTM VG32	
Pick-up filter	Sintered bronze	

Dimensions mm (inches)

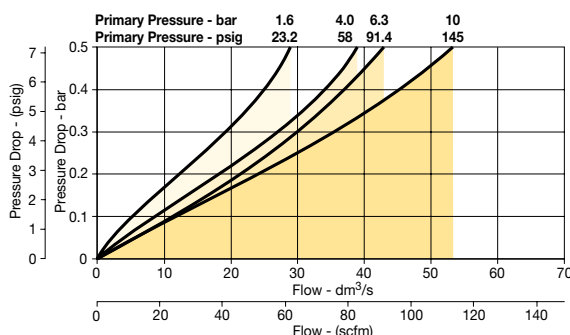


Flow Charts

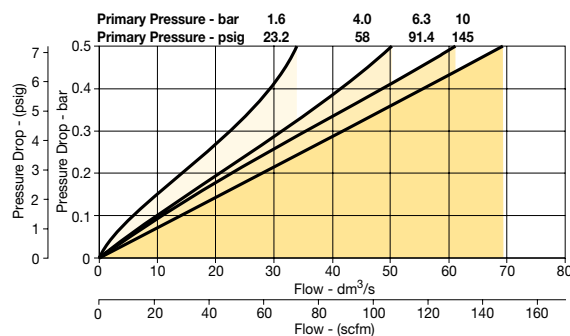
1/4 Lubricator



3/8 Lubricator



1/2 Lubricator



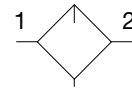
Repair and Service Kits

Plastic bowl / Bowl guard no drain	P32KB00BGN
Metal bowl / w/o sight gauge no drain	P32KB00BMN
Metal bowl / Sight gauge no drain	P32KB00BSN
Drip control assembly	P32KA00PG
Fill plug	P32KA00PL
L-bracket (fits to body)	P32KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB

(DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

Standard Lubricator - P33

Symbol



Lubricator with drain

- Integral 1/2" or 3/4" ports (NPT & BSPP)
- Robust but lightweight aluminum construction
- Proportional oil delivery over a wide range of air flows
- Finger tip ratchet control for precise oil drip rate adjustment
- Fill from top under system pressure

Options:

P33LA [] [] **L** [] **N** **N**

Basic series Global modular standard lubricator P33LA	Thread type BSPP 1 NPT 9	Port size 1/2 4 3/4 6	Lube type Oil mist standard sight dome L	Drain type N No drain closed end	Mounting N No bracket	Bowl type G Poly bowl with bowl guard S Metal bowl with sight gauge
---	---------------------------------------	------------------------------------	--	--	---------------------------------	--

Bold items are most common.

Port size	Description	Flow [†] dm ³ /s (scfm)	Max. bar (psig)	Height mm (inches)	Width mm (inches)	Depth mm (inches)	Part number [†]
1/2"	Poly bowl - No drain	52 (110)	10 (150)	234 (9.21)	73 (2.9)	73 (2.9)	P33LA14LGNN
1/2"	Metal bowl - No drain	52 (110)	17 (250)	234 (9.21)	73 (2.9)	73 (2.9)	P33LA14LSNN
3/4"	Poly bowl - No drain	71 (150)	10 (150)	234 (9.21)	73 (2.9)	73 (2.9)	P33LA16LGNN
3/4"	Metal bowl - No drain	71 (150)	17 (250)	234 (9.21)	73 (2.9)	73 (2.9)	P33LA16LSNN

[†] Standard part numbers shown in bold. For other models refer to Options chart above.

[‡] Flow with 6.3 bar (91.3 psig) inlet pressure and 0.34 bar (4.9 psig) pressure drop.

Specifications

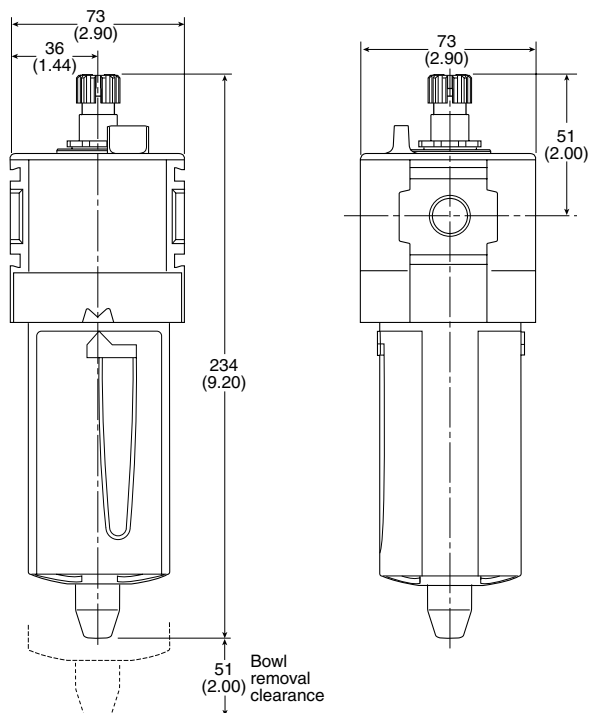
Flow capacity*	1/2	52 dm ³ /s (110 scfm)
	3/4	71 dm ³ /s (150 scfm)
Operating temperature	Plastic bowl	-10°C to 52°C (14°F to 125°F)
	Metal Bowl	-10°C to 65.5°C (14°F to 150°F)
Max. supply pressure	Plastic bowl	10 bar (150 psig)
	Metal bowl	17 bar (250 psig)
Useful retention		181 cm ³ (6.1 US oz.)
Port size	BSP / NPT	1/2, 3/4
Weight		0.47 kg (1.04 lbs)

* Inlet pressure 6.3 bar (91.3 psig). Pressure drop 0.34 bar (4.9 psig).

Material Specifications

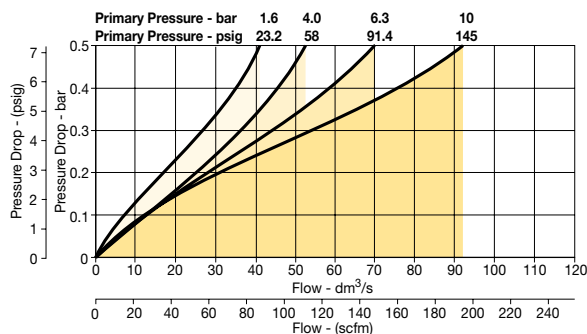
Body	Aluminum	
Body cap	ABS	
Bowls	Plastic bowl	Polycarbonate
	Metal bowl	Aluminum
Seals	Nitrile	
Sight dome	Polycarbonate	
Sight gauge	Metal bowl	Polycarbonate
Suggested lubricant	ISO / ASTM VG32	
Pick-up filter	Sintered bronze	

Dimensions mm (inches)

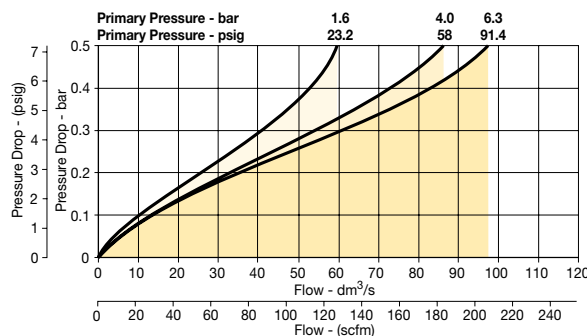


Flow Charts

1/2 Lubricator



3/4 Lubricator



Repair and Service Kits

Plastic bowl / Bowl guard no drain	P33KA00BGN
Metal bowl / w/o sight gauge no drain	P33KA00BMN
Metal bowl / Sight gauge no drain	P33KA00BSN
Drip control assembly	P32KA00PG
Fill plug	P32KA00PL
L-bracket (fits to body)	P33KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB
Lubricator oil - VG15: ISO 3448 - 100 ml	P3XKA00PPA
Lubricator oil - VG32 - 1 litre	P3YKA00PPBB

(DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

