

# **INTERLUBE**

*Leaders in Lubrication Solutions*



## LUBEPLUS 'AH' Centralised Lubrication System Multi-Industry Applications



*Interlube Systems Ltd - maximising industrial performance world-wide...*

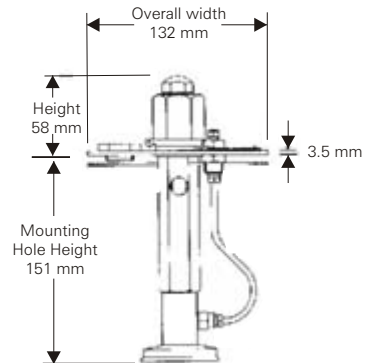
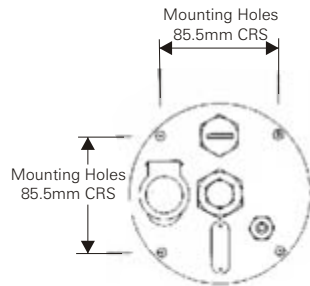
**LUBEPLUS AH - HYDRAULIC/PNEUMATIC SINGLE LINE SYSTEM**

LUBEPLUS 'AH' is a cyclic lubrication system designed to provide regular and measured amounts of lubricant to bearings using either hydraulic or pneumatic pressure (up to 44 bar). Available in single or double acting versions with 2 litre or 3 litre reservoirs, or for mounting directly onto a machine sump.

Available with a complete range of accessories including pressure gauges, fittings, manifolds and pressure switches.



**DIMENSIONS**



**Dimensions 'LUBEPLUS AH' when fitted with reservoirs**

	2 litre	3 litre
Height	186	198
Depth	151	158
Width	142	187.5
Mounting Hole Centres	120	167.5
Mounting Hole Height	175	188
Mounting Hole Diameter	ø6.5	ø6.5

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## **OPERATION**

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LUBEPLUS 'AH' is suitable for use with either pneumatic or hydraulics, both systems having the same principles of operation and a similar installation of their lubrication systems. The pumps are available in single or double acting versions, see the ordering method on the back of this brochure for details.

The pump is powered by either air or oil pressure applied to the drive piston, which is directly coupled to the lubricant pump piston. When pressure is applied to the drive piston the pump will displace lubricant. The lubricant delivery pressure is directly proportional to pump supply pressure.

Lubrication cycles are governed by the frequency of applied pressure to the pump.

The lubricant inlet to the pump is fitted with a filter to prevent any contaminants in the lubricant reaching the bearings, the outlet connection of the pump is fitted with a check valve to prevent reverse flow of lubricant from the system.

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## **INSTALLATION**

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The LUBEPLUS 'AH' reservoir models should be mounted vertically and level in a convenient position on the machine to allow access to the lubricant filler cap. The pump assembly is mounted using the two 6.5mm diameter holes provided in the mounting plate, with M6 screws, or by the four M5 threaded pads on the base of the reservoir.

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## **TECHNICAL DATA**

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Output Volume:	1.15 or 2.12 ml/stroke to order
Outlet Connection:	4mm O/D nylon pipe compression fitting
Recommended Lubricants:	20 -1500 Centistokes
Reservoir sizes:	2 and 3 lt to order

*Please consult Interlube Systems Ltd for lubricants outside the stated limits.*

**AH**

## ORDERING METHOD

PDU/Flow unit System Use	Max. Lub. Cyl. Delivery	Single or Double Acting Power Cylinder	Maximum Supply Pressure for use with a lube system	Part No.
PDU/Flow unit System Use	1.15 ml	Single	125 psi (8.5 bar)	LP1111
			200 psi (13.5 bar)	LP1112
			400 psi (27 bar)	LP1113
	2.12 ml	Double	200 psi (13.5 bar)	LP1114
			400 psi (27 bar)	LP1115
			650 psi (44 bar)	LP1116
PDU/Flow unit System Use	1.15 ml	Single	225 psi (15 bar)	LP1121
			350 psi (24 bar)	LP1122
			650 psi (44 bar)	LP1123
	2.12 ml	Double	350 psi (24 bar)	LP1124
			650 psi (44 bar)	LP1125
			650 psi (44 bar)	LP1126
PDU/Flow unit System Use	1.15 ml	Single	125 psi (8.5 bar)	LP1211
			200 psi (13.5 bar)	LP1212
			400 psi (27 bar)	LP1213
	2.12 ml	Double	200 psi (13.5 bar)	LP1214
			400 psi (27 bar)	LP1215
			650 psi (44 bar)	LP1216
2.12 ml	Single	225 psi (15 bar)	LP1221	
		350 psi (24 bar)	LP1222	
		650 psi (44 bar)	LP1223	
2.12 ml	Double	350 psi (24 bar)	LP1224	
		650 psi (44 bar)	LP1225	

Note: Please contact Interlube Systems Ltd concerning higher pressures.

### RESERVOIR SIZES:

2 Litre Cellulose Acetate Butadiene RM 2100

3 Litre Cellulose Acetate Butadiene RM 3000

Please consult Interlube Systems Ltd for alternatives



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