

Characteristics

- Single or more points Lubrication.
- System 33V version for small system applications up to 12 valves (0,03÷0,50).
- Regulation of lubrication cycle frequency (with timer)
- Complete product although the reduced dimensions; it has fluid level sensor.

Advantages

- The compact design make it suitable to multiple operating situations.
- It is a low cost entry level to automatic Oil Lubrication system requests
- Transparent reservoir for easy check of lubricant level

Applications

- Ideal for example for milling machine, drills, threading machine, sawing machine
- Woodworking machines
- Chain lubrication

Piccola

Entry Level Oil Lubrication Pump for use with Metered Orifice Systems (01 and 33V).



Piccola for system 01



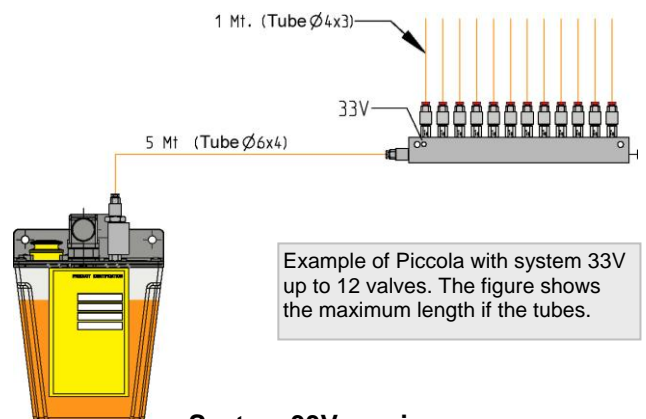
Piccola for system 33V

Piccola, the Low cost way into Automatic Oil Lubrication.

This compact pump has been designed to cater for the low cost entry-level automatic Oil lubrication systems market and incorporates the essential components for such systems.

PICCOLA can be used on a single lubrication point or as part of a Metered Orifice (01) or Injector (33V) single line systems.

The pump continuously delivers lubricant when it is powered on. Optionally, a timer module can be fitted onto the Power connector that cycles the pump at regular time intervals allowing it to function as standalone unit.



Example of Piccola with system 33V up to 12 valves. The figure shows the maximum length if the tubes.

System 33V version

This version is ideal for small machine tools or general industrial machinery up to 12 valves (0,03÷0,50), requiring basic low cost oil lubrication

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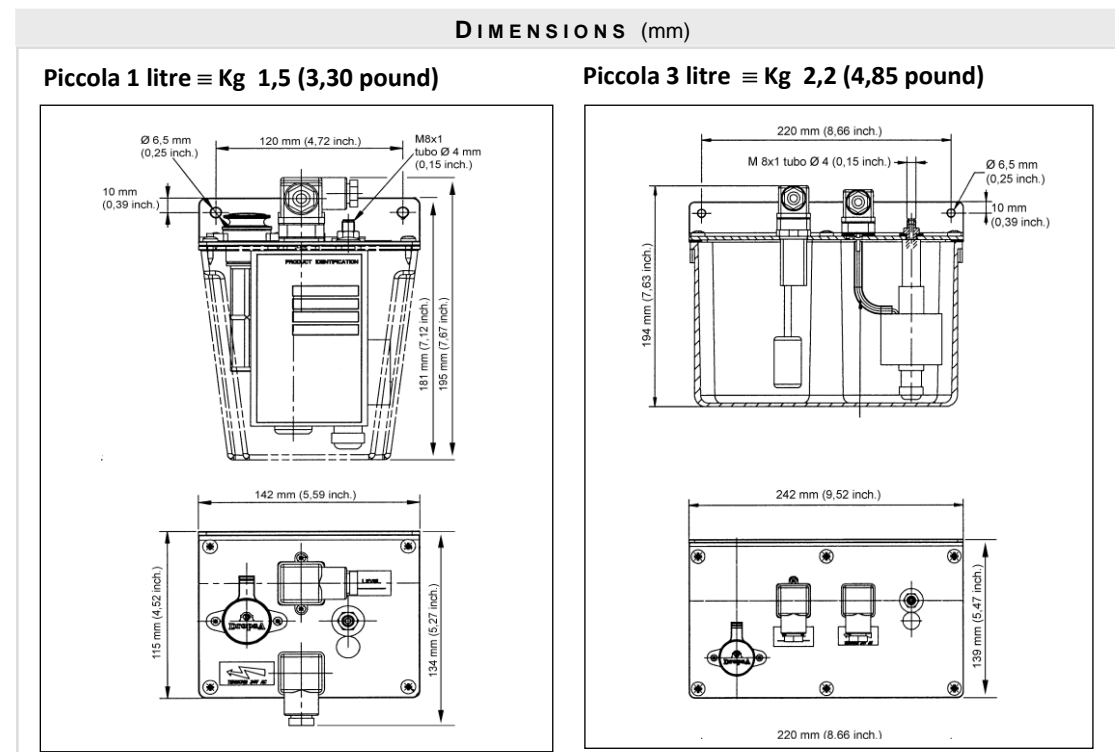
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Distributor Stamp:

TECHNICAL INFORMATIONS		
	SYSTEM 01	SYSTEM 33V
Max. pressure	12 bar (176,4 psi)	13,5 bar (198,45 psi)
Max Output Volume	90 cm ³ (5,5 cu.in/min)	90 cm ³ (5,5 cu.in/min)
Reservoir Size	1 o 3 lt (transparent)	1 o 3 lt (transparent)
Maximum Operating Time	2 min max 25% of Pause time	2 min max 25% of Pause time
Compatible Lubricants	Mineral Oil 15÷220 CSt a 20° C (68°F)	Mineral Oil 32 ÷100 CSt a 20° C (68°F)
Working Temperature	- 5°C ÷ +60°C (+23°F ÷ +140°F)	- 5°C ÷ +60°C (+23°F ÷ +140°F)
Storage Temperature	- 20°C ÷ +60°C (-4°F ÷ +140°F)	- 20°C ÷ +60°C (-4°F ÷ +140°F)
Max Humidity	90% max	90% max
Protection Grade	IP-44	IP-44
Voltage (Single Phase)	24/110/220V – 50 Hz	24/110/220V – 50 Hz
Power Consumption	90 W	90 W
Optional Time Module (110/220V only)	ON Timer : - Settable to 0,5 ÷ 120 seconds STANDBY Timer: - Settable to 40 sec ÷ 180 min.	ON Timer : - Settable to 0,5 ÷ 120 seconds STANDBY Timer: - Settable to 40 sec ÷ 180 min.



ORDERING INFORMATION	
Part Num.	System 01 Description
3600300	PICCOLA 24 V CA, 90cc, 12 bar, 1 lt
3600301	PICCOLA 110 V CA, 90cc, 12 bar, 1 lt
3600302	PICCOLA 220 V CA, 90cc, 12 bar, 1 lt
3600303	PICCOLA 24 V CA, 90cc, 12 bar, 3 lt
3600304	PICCOLA 110 V CA, 90cc, 12 bar, 3 lt
3600305	PICCOLA 220 V CA, 90cc, 12 bar, 3 lt
Part Num.	System 33V Description
3600310	PICCOLA 24 V CA, 13,5 bar, 1 lt
3600311	PICCOLA 110 V CA, 13,5 bar, 1 lt
3600312	PICCOLA 220 V CA, 13,5 bar, 1 lt
3600313	PICCOLA 24 V CA, 13,5 bar, 3 lt
3600314	PICCOLA 110 V CA, 13,5 bar, 3 lt
3600315	PICCOLA 220 V CA, 13,5 bar, 3 lt

ACCESSORIES	
Part Num.	Description
1524492	Timer for 110/220 V
5717300	Nylon Tube Ø 4x3
3085113 + 33VIP4	Reducer + push-in for tube Ø 4
3235125 + 93004	Nut + cone for tube Ø 4
1524510	Release valve assy for 33V system (Only as spare part)
1524500	By pass

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