

PMA 2

Contact-free Oil Lubrication – for Fast Moving Chains



The PMA 2 solenoid pump is designed for a contact-free oil lubrication of chains. The exact metered quantity of oil is squir-ted without air (airless), and without producing an oil mist, while the chain is in operation.

The pump is capable of trouble-free lubrication of fast moving chains – maximum 5 cycles per second. A single pump can supply 1 to 6 oil squirt nozzles. The metered quantity of oil per cycle is either 30 mm³ or 60 mm³. Double-nozzles are also available which further increase the number of points served by the pump.

The drive magnet is characterized by its high performance and long duty-cycle, thus enabling a reliable operation of the pump in extreme conditions.

The pump is available in 24 VDC, 120 VAC and 230 VAC versions.



An optional proximity switch for the pump offers a simple method to electrically monitor the function. Other accessories include a 13 or a 36 litre reservoir for oil. Both reservoirs are equipped with electrical low-level control and a large filling port comprising a strainer.



System Advantages and Features

- Metered oil quantity 30 mm³ or 60 mm³ per cycle
- Available in 24 VDC, 120 VAC and 230 VAC versions
- Optional electrical monitoring via a proximity switch
- 1 to 6 outlets that can serve individual or double nozzles
- Up to 5 lubrication cycles per second (depending on the system)
- Airless lubrication – oil mist free