

Dripmaster EDD - 4B

Specifications

Power Requirements	115 VAC, 10 VA or 24 V AC/DC
Normal mode preset drip rates	20, 30, 40, 50, 60 dpm
Stand- by mode preset drip rates	0, 10, 20, 30 dpm
Drop volume	50 drops per 1 cc
PULSE relay contact	35 VDC – 0.5 A
O.K. relay contact	250 VAC – 10 A AC1
L.L. relay contact	125 VAC – 0.5 A
	110 VDC – 0.2 A
	24 VDC – 1 A
s.B. (Normal/Stand-by mode control)	24 V AC/DC
Duty Cycle	60 secs count
	6 secs freeze
Drip stabilizing tolerance	From x to x+3 dpm (where x is the pre-selected drip rate)
Oil inlet/outlet	Male thread 1/4" BSP
Dimensions (whd)	10.35 x 11.3 x 3.6 inches
	263 x 287 x 91 mm
Weight	4.1 kg , 9 lbs

U.S Pat. No. 5,996,739 & other countries

USA Office	Corporate Office
Amcon Marketing Strategy Int'l 2757 W. Jarlath Ave. Chicago, IL 60645 Tel: 312-218-8997 Fax: 773-761-5753 dripmaster@amconmarketing.com	Hoffmann & Hoffmann Ltd. 7 Shoham St. P.O.B 7544, Petah Tikva, 49170, Israel Tel: + 972 3 9232567 Fax: + 972 3 9232575 info@hoffmann-hoffmann.com www.hoffmann-hoffmann.com

VTP oil lubrication control & monitoring device

The only oil lubrication device which actively controls the drip rate.



What you set is What you get

- Maintains constant oil drip rate
- Provides report back facilities to SCADA room
- Automatic pump shutdown
- Reduces pump maintenance costs
- Reduces well contamination

Prevents overdosing or starvation of the lineshaft bearings

Dripmaster

Company Profile

Hoffmann & Hoffmann is an Electronic Engineering company, with more than 65 years of development, manufacturing and service experience. The company specializes in the development and manufacturing of industrial electronic control and monitoring devices.

Lineshaft Oil Lubrication

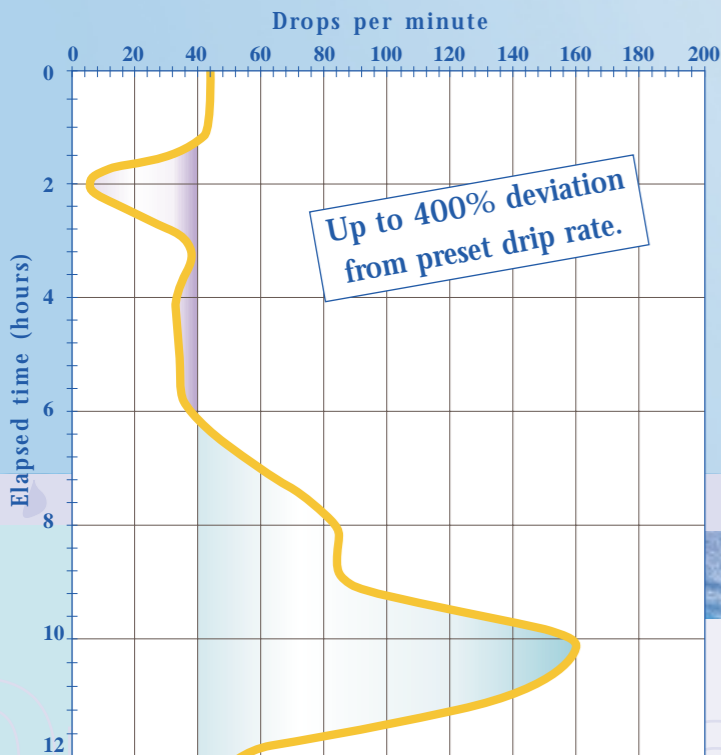
Optimal lineshaft lubrication is an essential issue when considering effective operation of the VTP. Bearing failure is a major cause of pump downtime. Approximately 50% of all bearing failures are due to improper lubrication. Lineshaft repairs are very costly and time consuming. Correct lubrication doses also reduce well contamination considerably.

The Dripmaster

The Dripmaster is an active vertical lineshaft lubrication control and monitoring device. It automatically stabilizes the oil drip rate so as to comply to pump manufacturer's requirements.



Needle Valve Dripper

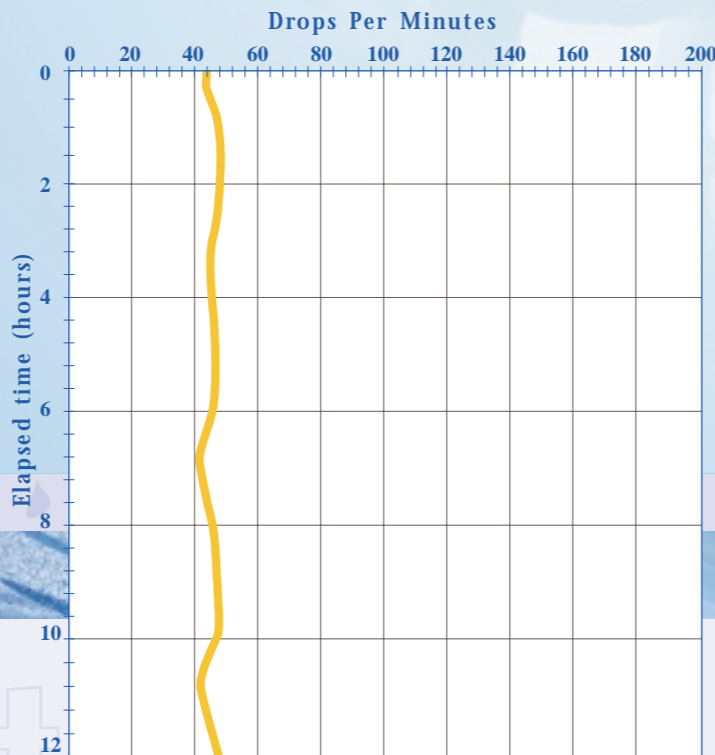


Main features

- Maintains constant preset oil drip rate in both normal mode (pump in operation) and stand-by mode (pump Idle).
- Automatic switching between normal and stand-by modes.
- Continuously controls the preset drip rate (55 times an hour, 1320 times a day).
- Constant drip rate is maintained regardless of ambient temperature or hydrostatic oil pressure in oil tank.
- Provides accurate oil consumption data (oil level in reservoir)
- Gravity based oil flow.
- SCADA compatible report- back mechanism.
- Manual operation mechanism using built-in peephole
- Operates under extreme weather conditions - housed in rugged sealed cast aluminum case.

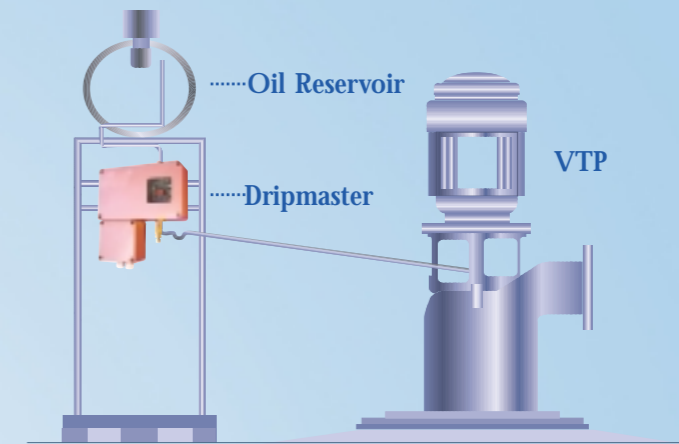


Dripmaster



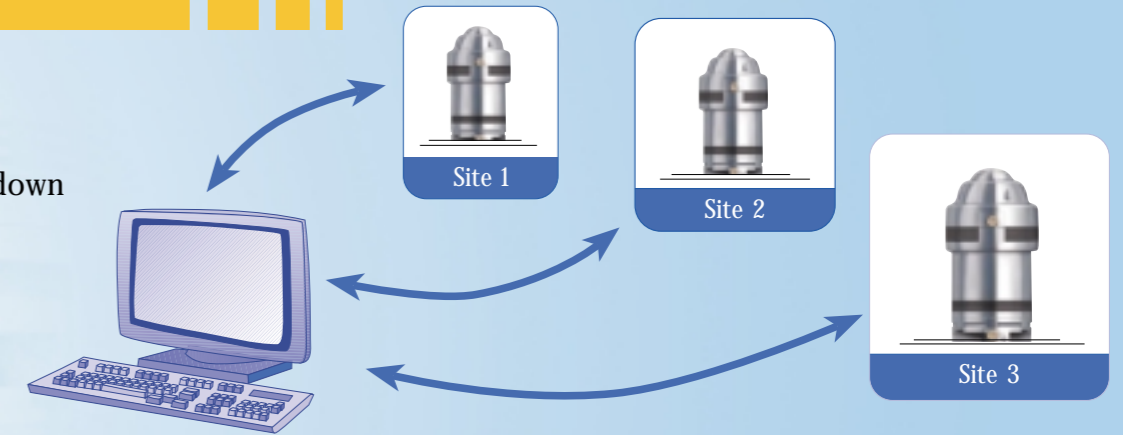
Dripmaster Location

Installed below the oil reservoir and above the inlet to the shaft.



SCADA Interface

- Drip rate count
- Lack of oil warning
- Automatic pump shutdown



Why use the Dripmaster?

- Prolongs the life span of lineshaft bearings, thus preventing expensive repairs and loss of service (pump down time).
- Eliminates the need for a secondary "slow drip" lubrication system when pump is shut down.
- Reduces well contamination caused by excessive lubrication (decreases oil consumption).
- Reduces labor-intensive operations (checking oil levels and adjusting drip rates at each well site).
- Compact device which is easy to install.
- Maintenance-free operation.
- Low price - outlay quickly repaid.

Dripmaster