

# SUPER DOSE

## Solenoid metering pump



The Prominent super dose is a micro processor controlled short stroke solenoid operated diaphragm metering pump for liquid Metering is based pulsating action. For each pulse come from electronic control the solenoid energizes and completes stroke .The diaphragm stabilized by a steel core displace medium the liquid end the ball on delivery side open thus releasing the medium for metering .

The solenoid diaphragm type metering covers a capacity range from approx 0.7 l/h to 23 l/ specifications at max stroke length and max stroke rate at back pressure 1.5 bar to 16 bar. Built in air bleed value

Power supply AC 220V ( + - 10 % ) 50 Hz 10 - 24 W  
IP 56 Insulation class F , Metering reproducibility + - 2% .  
Complete with Accessroies 1 Foot valve 1 Injection valve  
2 m PVC and 5 m PVC tube

The Metered quantity can be steplessly adjusted by means of the stroke length over a range of 10% - 100% and in three levels by means of the storke rate.

### Technical data

Pump type	Pressure bar	Pump capacity		mi/stroke	Stroke rate strokes/min	Size of connection mm	Weight of shipment ca. k
		l/h	max.capacity				
1601	16	1.14		0.21	120	6x4	2.5
1202	12	1.44		0.2	120	6x4	2.5
0803	8	4.8		0.66	120	8x5	2.5
1002	10	3.12		0.43	120	8x5	2.7
0308	3	8.7		1.20	120	8x5	2.7
0215	1.5	16.5		2.29	120	12x9	2.9
1602	16	1.44		0.2	180	6x4	2.5
1203	12	2.34		0.21	180	6x4	2.5
0806	8	7.2		0.66	180	8x5	2.5
1003	10	4.68		0.43	180	8x5	2.7
0313	3	13.8		1.27	180	8x5	2.7
0223	1.5	24.0		2.22	180	12x9	2.9

### LIQUID END MATERIAL :

Liquid End.

PCV 1

~~PP~~ PP

Suction / Discharge Connector

PVC

~~PVC~~ PP

Seals

EPDM

FKM (Viton)

Valve Balls

Ceramic

Ceramic

DEVELOPAN® diaphragm with PTFE coating in all models

