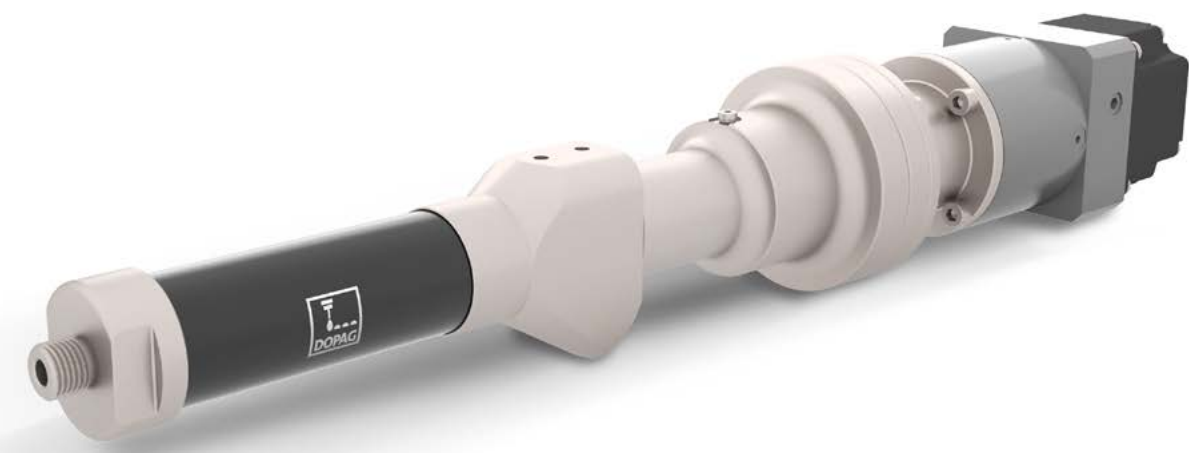


Eccentric screw pump

Continuous metering of abrasive materials

The eccentric screw pump is a high-precision volumetric metering system that operates continuously and pulsation-free. The rotational motion of the eccentric screw ensures highly precise, constant metering, particularly in the case of small output rates from 0.1 ml/min. The special rotor-stator combination prevents excessive wear when processing abrasive materials. This guarantees a long service life and high cost-efficiency.



Product properties

- Variable discharge rate from 0.002 ml
- Output rate of 0.1 to 4,400 ml/min
- Speed of 1 to 150/400 rpm (depending on model and medium)
- Maximum input pressure of 6 to 8 bar
- Maximum differential pressure of 10 to 20 bar
- Ideally suitable for all viscosities from highly fluid to pasty

Thanks to progressive cavity pump technology, liquids and pastes with up to 60% filler content can be metered with high precision. The metering quantity can be adjusted completely linearly. This enables a metering precision of ± 1% and better.



Sizes

Size	Flow volume ml/rev	Input pressure bar	Operating pressure * bar	Speed range * min. ⁻¹	
				min.	max.
1	0.01 / 0.05 / 0.15	max. 6	max. 10	1	150
2	0.30 / 1.00 / 2.00	max. 8	max. 20	1	150
3	4.00	max. 8	max. 20	1	150

* Depending on viscosity