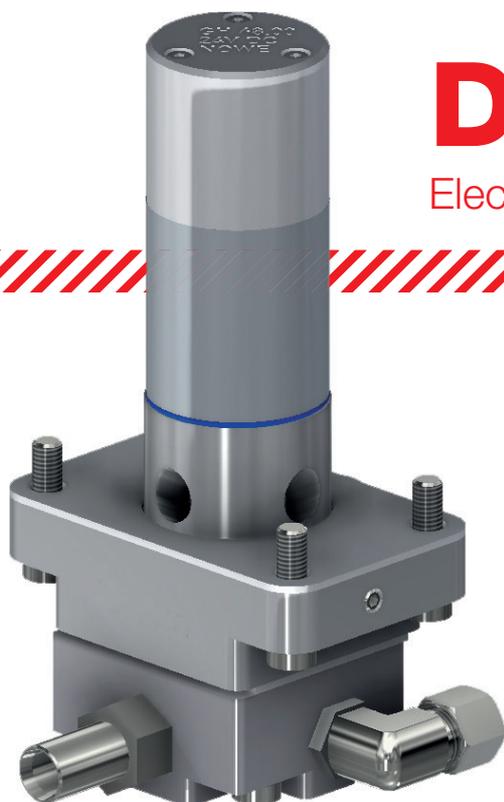




Dosage N45

Electric



Magnet-activated piston dosage has been developed for precise batching of sand- and for the safe blocking of the sand container. The functional principle was developed in a similar way to that of a piston-operated valve. It is activated by a hoist magnet. The setting of the sand amount is about the relationship between ON-and OFF-time. The pulse signal is generated in the vehicle control or over a programmable time delay relay with semiconductor. The interruption of the sand flow takes place by the operation of a spring.

Technical characteristics

Weight	• 2,2 kg
Sand quantity	• Adjustment range : 150-1100g/30 sec \pm 10% (infinitely adjustable) during nominal voltage
Sand quality	• According to BN 918 224
Requirements for compressed air Classes acc. to ISO 8573-1:2010	• Particles : 7 (size \leq 40 μ m/Concentration \leq 10 mg/m ³) • Humidity & water : 2 • Oil (global) : 4 (\leq 5 mg/m ³)
Air consumption	• About 120 l/min at 5,5 bars
Working pressure	0,5 to 10 bar
Operating temperature	• -40...+85°C (DIN EN 50155 Kategorie T3)
Operating voltage	24 and 110 V DC* \pm 30%
Power	Approx. 50W (40% ED/S3)
Safety Class	IP66
Operating temperature	• -25...+70°C (DIN EN 50155 Kategorie T3)

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NOWE GmbH
Heilswannenweg 66, 31008 Elze - Germany
www.wabtec.com
email: info.nowe@wabtec.com