

LOSS-IN-WEIGHT-FEEDER, D-DW-1



AES
ADVANCED ENGINEERING SYSTEMS



for high-precise dosing of additives, with dosing screw and speed-controlled drive

TECHNICAL DATA:

Conveying material:	dusty bulk materials
Conveying capacity:	10 kg/h – 2000 kg/h
Granulation:	dusty to fine-grained
Screw speed:	depending on the set point and the bulk density
Screw diameter:	20 mm up to 140 mm
Bulk density:	300 kg/m ³ up to 2500 kg/m ³
Regelbereich:	1:10 (upgradeable up to 1:50 with feedback-encoder)
ATEX:	versions available
Accuracy:	± 0,5 %

Gypsum | Cement | Food | Chemistry | Coal dust | Plastics | Animal feed | Materials with high temperatures | Construction materials

If required customized special solutions are available!

REQUIREMENT:

stabile vibration-free subconstruction

SIGNIFICANT BENEFITS:

- | no influence on accuracy by tare alteration
- | completely closed system
- | versatily applicable
- | minimal maintenance works

FUNCTION OF THE LOSS IN-WEIGHT-FEEDER, D-DW-1

Loss-In-Weight feeders combine the accuracy of static measuring with the flexibility and efficiency of a continuous dosing system. Due to the flexible construction of the KUKLA-loss-in-weight-feeder strongly flowing and extremely heavily flowing materials can be dosed exactly. By means of loosening devices, which work asynchronously to the actual dosing system, the product is supplied to the dosing screw in a material-friendly and precise way.

Depending on the set value and on the loss of weight within the weighing bin the speed revolution of the screw is controlled so that the dosing capacity corresponds exactly to the set value. KUKLA-loss-in-weight-feeders are mounted onto a solid steel frame in order to ensure the stability required for a high-precision measuring. Loss-in-weight-feeders can also be supplied according ATEX rules, on request

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