

Micro dosing unit

MZMA



Micro dosing unit MZMA.

Compact proportioning system for various applications.



Micro proportioner MZMA-100.
The throughput rate is varied by a frequency-converter-controlled drive.

Application

As a volumetric proportioner for freeflowing and non-freeflowing bulk products encountered in the food processing industry, for example vitamin pre-mixes, flours, starches, egg powder, sugar, etc., and powdered or granulated products used in other industries, for example cellulose fibers. The system is installed underneath bins or in conjunction with manual intake hoppers.

Mode of operation

The product to be proportioned is loosened up in the mixing chamber by a whirler to produce a uniform bulk density. The special geometry of the whirling flight ensures that the product is fed at a constant rate to the proportioning screw. This enables a high proportioning accuracy to be achieved also with non-freeflowing products. The micro dosing unit MZMA is equipped as standard with a spur-gear motor and a direct-mounted frequency converter. This drive allows precise selection of the required proportioning throughput. As an option, the frequency converter can be equipped to allow remote control.

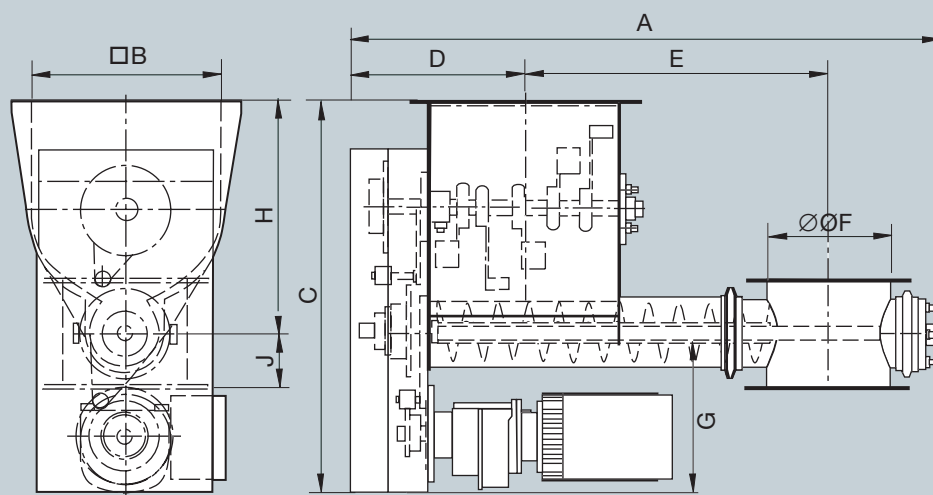
- Precise control
- High proportioning accuracy
- Complete discharge
- Easy installation
- Low maintenance

Features

- accurate throughput control
- high proportioning accuracy
- complete discharge
- easy installation
- low maintenance
- proportioning screw with standard length of 500 mm

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Solutions tailored to your needs.



Dimensions

Type MZMA-100

| | A | □B | C | D | E | ØF | G | H | J |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| in mm | 973 | 310 | 637 | 286 | 500 | 200 | 267 | 370 | 90 |

Technical data

Type MZMA-100, standard length = 500

| Throughput range | Gear motor with attached frequency converter | | | Approx. weights in kg | | | Volume m ³ |
|------------------|--|-----------------|-----------|-----------------------|-------|-------------|-----------------------|
| | approval | variation range | kW | net | gross | sea packing | |
| 190–1860 | IEC | 1:10 | 0.07–0.75 | 60 | 95 | 110 | 0.8 |
| 770–3820 | IEC | 1:5 | 0.22–1.1 | 60 | 95 | 110 | 0.8 |
| 190–1110 | UL/CSA | 1:6 | 0.15–0.75 | 60 | 95 | 110 | 0.8 |

