



DESCRIPTION

The **DVC** model is a gravimetric vibrating feeder with a feedback in the form of a scale. It is used to quickly and accurately feed well-flowing loose material, flakes and pellets. Thanks to lack of moving parts, there is no risk that brittle material will be destroyed during feeding.

A **conical funnel**, which guarantees even discharge during dosing, acts as a hopper.

Electromagnetic vibrating drive with feedback effectively carries out dosing and allows to determine resonance frequency.

The **scale** is based on single C3-class load cell made of stainless steel or aluminium with IP66 protection class.

The modular structure enables easy disassembly in order to clean the device. The device has a cover equipped with spigots used for filling and ventilation.



SPECIFICATION

Feeding accuracy:
±0,5% of set value

Work at ambient temperature:
between 0 and 50 °C

230 [V] AC, 50 [Hz] electromagnetic drive

Total weight:

- **87 [kg]** for hopper volume 45 [l]
- **97 [kg]** for hopper volume 90 [l]



HOPPERS & FEED RATES

Total hopper volume:

- 45 [l]
- 90 [l]

Maximum feed rate:

- 1000 [l/h]



MEASUREMENT SYSTEM

The scale's construction is based on **single** C3-class **load cell** with IP66 (optionally IP68) protection class.



CONTROL SYSTEMS

For systems feeding in **continuous mode**:

- FLEX

For systems feeding in **batch mode**:

- 1020
- SGM800
- FLEX 2100/FLEX



CONSTRUCTION

All elements that come into contact with product are made of 1.4301 (AISI304) or 1.4404 (AISI316L) **stainless steel**, while other elements are powder-painted. Thanks to the possibility to make a hygienic version (polished stainless steel and ground welds), the device can be used in food industry.



OPTIONS

- Crate and hopper for manual fill
- Execution for Ex-zones
- Cassette filter for dust removal



DIMENSIONS

