

Diverter KV2010 / KV2020



Krämer
www.kraemerag.com



Various Inlet adapter sizes available



Assembling without any tools and additional holder



Optional: Connections for filling level- and Jam sensors

Features

- 2-way diverter system for **manual** or **automatic distribution** of the products
- **Lightweight** and **compact** Design
- Available as **DT** (Dust-Tight) and **WIP** (Wash-in-Place) solution
- **KV2010**: Manual operation by handle
- **KV2020**: Operation via control unit of the deduster or through tablet press / capsule filling machine
- Can be **combined** with various dedusters and capsule polisher
- Easy **assembly** and **disassembly**, no tools are needed
- Easy to **clean**


Diverter KV2010 / KV2020

- Available for conveying heights of 250 mm and taller
- Suitable for tablet diameters of 3 – 35 mm

Design

- Designed according to cGMP specifications
- Various product inlet connections are available
- Easy maintenance electric drive (KV2020 only)
- LED indication lights shows the current diverter position (KV2020 only)

Features

- Position monitoring (KV2020 only)
-  Atex Certification II 2D/- Db 140 °C
- High-Containment OEB 5 < 1 µg/m³

Control mode (KV2020 only)

- Can be controlled by tablet count of the tablet press or capsule filling machine
- Automatic diverting by filling level sensors through the Krämer HMI
- Manual pushbutton switching through the Krämer HMI

Inlet und Outlets

- Optional: Outlet hoses made of PU
- Optional: Outlet pipes and hose adapters made of AISI316
- Various other options available upon request

| Diverter Type | KV2010 | | KV2020 | | |
|----------------------------|----------------------------|-----------|----------------------------|-----------------|-----------|
| Dimensions | | | | | |
| Weight* | kg | 4.2 | kg | 4.3 | |
| Length | mm | 223 | mm | 326 | |
| Diameter | mm | Ø 84 | mm | Ø 84 | |
| Outlet type | TC ISO DN50 oder Ø 60 | | TC ISO DN50 oder Ø 60 | | |
| Tablet inlet connection | TC 2", 2.5", 3" oder DIN50 | | TC 2", 2.5", 3" oder DIN50 | | |
| Technical Data | | | | | |
| Power supply | VDC | 24 | Power supply | VDC | |
| Maximum current | A | 0.5 | Maximum current | A | |
| Protection rating | IP65 | | Protection rating | IP65 | |
| Water consumption | l/min | 16 | Water consumption | l/min | 16 |
| Throughput | | | | | |
| Round Ø 4.8 x 2.3 mm | tablets / hour | 6'300'000 | Round Ø 4.8 x 2.3 mm | tablets / hour | 6'300'000 |
| Round Ø 9.1 x 3.2 mm | tablets / hour | 1'800'000 | Round Ø 9.1 x 3.2 mm | tablets / hour | 1'800'000 |
| Round Ø 12.1 x 3.7 mm | tablets / hour | 574'000 | Round Ø 12.1 x 3.7 mm | tablets / hour | 574'000 |
| Round Ø 16 x 4 mm | tablets / hour | 378'000 | Round Ø 16 x 4 mm | tablets / hour | 378'000 |
| Round Ø 23.4 x 5.7 mm | tablets / hour | 140'000 | Round Ø 23.4 x 5.7 mm | tablets / hour | 140'000 |
| Round Ø 25 x 7 mm | tablets / hour | 95'000 | Round Ø 25 x 7 mm | tablets / hour | 95'000 |
| Oblong 16.3 x 7.6 x 5.7 mm | tablets / hour | 770'000 | Oblong 16.3 x 7.6 x 5.7 mm | tablets / hour | 770'000 |
| Capsules No. 1 - 4 | capsules / hour | 300'000 | Capsules No. 1 - 4 | capsules / hour | 300'000 |
| Capsules No. 00 - 0 | capsules / hour | 250'000 | Capsules No. 00 - 0 | capsules / hour | 250'000 |

*Depends on inlet adapter and optional versions