AZO lump breaker type KB 300 R
in round design

Preferred applications
The unit is used for crushing and milling bulk materials with a tendency to form agglomerates, clods and lumps.

Special advantages
The sturdy but compact design of the lump breaker, take care for a reliable and gentle crushing of clods and lumps. This unit is designed energy-saving and with low wear. It is available in various construction materials and surface finishings. Due to the pharmaceutical design it can be dismantled without tools and complies with highest requirements to hygiene and cleaning.

Design
The AZO lump breaker consists of a sturdy housing with inlet and outlet flanges, crushing device and a laterally mounted gear motor. For high product columns or height falls a double bearing design is available. The unit is available with the construction material nos. 1.4301 or 1.4404 and various surface finishings including electrolytic polish.

How it works
Bulk materials containing agglomerates, clods or lumps are fed into the AZO lump breaker via the inlet. The product is crushed by the crushing device and transferred to the following production process.
**Technical data**

**Lump breaker type KB 300 R:**
- Mounting position: horizontal
- Weight: approx. 100 kg
- Throughput capacity: depending on product
- Product temperature: max. 80°C
- Ambient temperature: 0 °C up to + 40 °C

**Drive**
- Low speed
  - Drive speed: 26 rpm (50 Hz)
  - Output: 1.1 kW
  - System voltage: 220-242 V delta / 380-420 V star (50 Hz)
  - 254-277 V delta / 440-480 V star (60 Hz)
  - Rated current: 4.45 / 2.55 A (50 Hz)
  - 3.65 / 2.10 A (60 Hz)
  - Insulation class: F
  - Protection type: IP 54

- High speed
  - Drive speed: 65 rpm (50 Hz)
  - Output: 2.2 kW
  - System voltage: 220-242 V delta / 380-420 V star (50 Hz)
  - 254-277 V delta / 440-480 V star (60 Hz)
  - Rated current: 8.60 / 4.95 A (50 Hz)
  - 7.30 / 4.20 A (60 Hz)
  - Insulation class: F
  - Protection type: IP 54

**Construction material data:**
Available with the materials 1.4301 or 1.4404 and various surface finishings including electrolytic polish.

The design is subject to change due to our continuous improvement program.