

HAMMER MILLS - HIGH SPEED MILLS - SERIES VL

HIGH-SPEED MILL – TYPE VL

The mill type VDK is designed for grinding of dry and free flowing products as well as for fat containing or high protein products, and also for high fibers.
The VDK series comprises of five sizes and a range between 15 and 55 kW for the drive.



TECHNICAL DETAILS

- Symmetric housing, allows operation in both directions
- Automatically swiveling inlet flap for easy change sense of rotation
- Enforced impact flap with proximity switches to change sense of rotation
- Foreign body trap inside the grinding chamber, easy to clean
- Easy access to the grinding chamber trough a large front door
- Two segment sieve
- Automatic door locking system with stand still monitor

	VL 2	VL 3
Mill size		
Diameter of grinding chamber (mm)	700	
Width of screen (mm)	200	272
Grinding chamber (m ²)	0,3	0,4
Drive 1500 rpm, 50 Hz speed etween 1800 and 3600 rpm (30-60Hz) allowed		
Maximum motor size (kW)	30	55
Typical motor size (kW)	22	37
Dimension and Weights		
Length* (approx. mm)	1565	1750
Width (approx. mm)	900	900
Height (approx. mm)	970	970
Weight without motor (kg)	550	700

*depending on motor size

STANDARD SCOPE OF SUPPLY

- Rigid base frame
- Flexible coupling with protection hood
- Vibration dampers
- Sealing for mill outlet
- 1 set of beaters fitted on beater frames
- 2 sets of screen fitted on screen frames
- 1 set of special tools
- Multi-layer coating, choice of color RAL 7032 (pebble grey) or RAL 1015 (ivory)

OPTIONS

- Drive motor B3 with integrated PTC sensors
- Bearing temperature control system according ATEX regulations
- Mill temperature control system according ATEX regulations
- Underpressure controller for grinding chamber (vacuum controller)
- Mill body made of stainless steel 1.4301 / AISI304
- Explosion protection: Explosion pressure shock resistant and flame penetration proof design to meet ATEX regulations