

HAMMER MILLS - HIGH SPEED MILL - TYPE VDK

STRONG MILL HIGH CAPACITY

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 30 and 250 kW for the drive.



TECHNICAL DETAILS

- Symmetric housing, allows operation in both directions
- Swiveling inlet flap with proximity switches to change sense of rotation
- Enforced impact plates at both sides of the mill inlet, exchangeable
- Foreign body trap inside the grinding chamber, easy to clean
- Two-segment sieve, exchange single elements when worn
- Change screens without tools while machine has stopped
- Automatic door locking system with stand still monitor

		VDK 4	VDK 5	VDK 7	VDK 9	VDK 13
Mill size						
Diameter of grinding chamber	mm	680	680	680	680	680
Width of screen	mm	400	520	760	1000	1240
Grinding chamber	m ²	0,6	0,8	1,18	1,54	1,9
Drive 3000 rpm, 50Hz (speed between 1800 and 3600 rpm (30 – 60 Hz) allowed)						
Maximum motor size	kW	75	110	160	200	250
Typical motor size	kW	55	90	132	160	200
Dimensions and Weights						
Length*	approx. mm	2010	2210	2610	3010	3250
Width	approx. mm	1220	1220	1220	1220	1220
Height	approx. mm	1195	1195	1195	1195	1195
Weight without motor	kg	1350	1400	1550	1800	2000

*depending on motor size

STANDARD SUPPLY AND OPTIONS**STANDARD SCOPE OF SUPPLY:**

- Rigid base frame
- Flexible coupling with protection hood
- Vibration dampers
- Sealing for mill outlet
- 1 set of beaters fitted in the mill rotor
- 2 sets of screens, one set fitted in the mill
- 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
- Beater changing device
- Underpressure controller for grinding chamber (vacuum controller)
- Explosion protection: Explosion pressure shock resistant and flame penetration proof design to meet ATEX regulations
- Pneumatic servo drive for mill inlet flap (for remote control of changing of sense of rotation)