



DISC LABORATORY MILL 1650



Description :

It is a laboratory type disc mill (Grinder). Known as Crushing mill or Disc Mill.

Purpose :

- It is used to prepare sample by milling the whole grain sample into smaller particles.
- Also can be used for NIR tests.
- Suitable for wheat, corn, barley, rye and many other grains and oilseeds.
- Also it can grind Pasta, Macaroni, Chips, etc...
- Perfect for sample preparation in order to make moisture analyses in drying oven.

Technical Specifications :

- The grinding capacity is 50–100 gr/minutes depending on the product density.
- Sample size can be adjusted between 0.2-15 mm.
- The sample particle size can be adjusted by easily.
- Disc mill is designed for grain moisture analysis.
- Prevent moisture loss during grinding.
- Designed for reducing the noise sound to the minimum while working.
- No sieving process is applied so milled products are collected in full portion without separation of cores and flour.
- The whole sample is collected in the same collection tray.

Other Specifications:

Volt/hz	380v - 50/60hz
Amper	1,34A
Power	550W
Device Dimensions W "mm" x L "mm" x H "mm"/Weight. Kg	245 x 400 x 335mm / 30 Kg
Package Dimensions W "mm" x L "mm" x H "mm"/Weight. Kg	42 x 53 x 63 / 37 Kg

Office / Ofis

Email : export@bastak.com.tr
website: www.bastak.com.tr

Tel : +90 312 395 6 787
Fax: +90 312 395 6 788

İvedik OSB 1354.Cad 1387.Sk No:19
Yenimahalle - Ankara TURKEY

Factory / Fabrika

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Kazan Ankara TURKEY

Tel : +90 312 811 2 811
Fax: +90 312 811 2 812

Email : info@bastak.com.tr
Website: www.bastak.com.tr



ABB MOTORS AND GENERATORS

Motor data sheet

M2AA 71B 4

Definition	Data	Unit	Remarks
Product code	3GAA072002-**E		
Voltage code	D		
Type/Frame	M2AA 71B 4		
Design	CENELEC		
Efficiency class	IE1		
Rated output P_N	0.37	kW	
Rated voltage U_N	380	V	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	1355	r/min	
Rated current I_N	1.02	A	
Starting current I_S/I_N	4.1		
Nominal torque T_N	2.5	Nm	
Locked rotor torque T_L/T_N	1.7		
Maximum torque T_b/T_N	1.8		
Efficiency - full load 100%	68.8	%	Acc. to IEC 60034-2-1
Efficiency - 75%	73.5	%	
Efficiency - 50%	72.9	%	
Power factor - full load 100%	0.8		
Bearing DE/NDE	6203-2Z/C3 6202-2Z/C3		
Sound pressure level L_{pA} dB	45	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0	kg-m ²	
Weight	5.9	kg	

*All data subject to tolerances in accordance with IEC. Data subject to changes.

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20.000 instruments in 142 countries



Youtube > Bastak Factory

<https://www.youtube.com/watch?v=UbtWWhEbLy4>



You can find all Catalogues and Competitor Comparison Tables in this link:

https://drive.google.com/drive/folders/1_4aXqljmlSG0Gi7c0KeMuPAGWqvi65mT



**Sensitive
Nutrition**



**High
Efficiency**



**Monoblock
Study Body**



**Standard
Grinding**



**Personal
Security**

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