Ball Mill

Vertical Planetary Ball Mill(Semi-circle Type)

Application:

Planetary Ball Mill has four ball grinding tanks installed on one turntable. When the turntable rotates, the tank axis makes planetary movements, the balls and samples inside the tanks are impacted strongly in high speed movement, and samples are eventually ground into powder. Various kinds of different materials can be ground by the mill with dry or wet method. Minimum granularity of ground powder can be as small as 0.1μm.



Features:

* 3D curve shape design.
* Special gear with low noise.



Visual Window



Planetary Mechanism



Frequency Converter Control



Hole of Cooling Fan

Technical Parameters:

Model		BKBM-V0.4	BKBM-V2
Capacity		0.4L	2L
Volume of Each Capacity		50~100ml	50~500ml
Pot Quantity		4 pcs	
Running Time Range		1~9999min	
Reciprocal Running Time		1~999min	
Adjustable Speed	Revolution	45~435rpm	35~335rpm
	Rotation	90~870rpm	70~670rpm
Noise		58±5dB	60±5dB
Speed Control Mode		Frequency Control	
Transmission Mode		Gear Drive	
Working Mode		2 or 4 pots can be used each time	
Maximum Sample Volume (material + grinding ball)		2/3 of the volume of the ball mill tank	
Feed Size		Soft and Crispy material<10mm, Other materials<3mm	
Out-put Granularity		Minimum Granularity can be reached to 0.1μm	
Adjusting Mode of Rotate Speed		Frequency converter with stepless speed regulation	
Consumption		0.25KW	0.75KW
Power Supply		AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)	
External Size(W*D*H)		500*300*340mm	750*470*564mm
Package Size(W*D*H)		600*370*480mm	820*530*720mm
Net Weight		29kg	80kg
Gross Weight		35kg	100kg
Note: Both pot and ball are optional.			

Vertical Planetary Ball Mill(Square Type)



Features:

* 3D curve shape design.
* Special gear with low noise.



Planetary Mechanism



Frequency Converter Control



Hole of Cooling Fan



Pneumatic Rod

Technical Parameters:

Model		BKBM-V2S
Capacity		2L
Volume of Each Capacity		50~500ml
Pot Quantity		4pcs
Running Time Range		1~9999min
Reciprocal Running Time		1~999min
Adjustable Speed	Revolution	35~335rpm
	Rotation	70~670rpm
Noise		60±5dB
Speed Control Mode		Frequency Control
Transmission Mode		Gear Drive
Working Mode		2 or 4 pots can be used each time
Maximum Sample Volume (material + grinding ball)		2/3 of the volume of the ball mill tank
Feed Size		Soft and Crispy material<10mm, Other materials<3mm
Out-put Granularity		Minimum Granularity can be reached to 0.1μm
Adjusting Mode of Rotate Speed		Frequency converter with stepless speed regulation
Consumption		0.75KW
Power Supply		AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)
External Size(W*D*H)		750*470*564mm
Package Size(W*D*H)		840*550*670mm
Net Weight		93kg
Gross Weight		120kg
Note: Both pot and ball are optional.		

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