



BALL MILL

R-TE-350

Used for grinding samples with a high level of hardness such as: bones glass limestone tablets seeds and products with low fat content.

Technical Characteristics

R-TE-350

- Installation: on bench;
- Structure: steel sheet box with anti-corrosion treatment and electrostatic painting in textured epoxy;
- Dimensions (mm): W = 380 x D = 300 x H = 570;
- Grinding bowl: In AISI 304 stainless steel (optional nylon bowl);
- Chamber dimensions (mm): Bottom - internal diameter 50 x height 82 mm. Upper part - internal diameter 50 x 42 mm height;
- Internal volume: 235 ml;
- Grinding: 11/4 inch grinding sphere, in AISI 304 stainless steel. Intermittent tapping grinding system;
- Capacity: Grinding of 20/40 grams;
- Engine: induction 1/4 hp;
- Weight: 50kg;
- GPM: 617 strokes per minute;
- Power: 220 Volts, three-phase;
- Configurable items on request: Other variations and configurations. Consult us!;
- Considerations: 1) For grinding bone, it must be broken into small pieces. 2) For grinding glass, one should choose the nylon chamber with ceramic ball: in tests with 30 grams of glass, with grinding time of 6 minutes, sphere of 110 grams, we obtained 5 grams retained and 25 grams passed in the mesh 48;

Benefits and Advantages

- Robust system with good stability
- High performance three-phase induction motor
- Grinding bowl in 304 stainless steel considerably increasing its useful life
- Optional Nylon grinding bowl according to the type of sample
- Internal volume of 235 mL
- Less heating during grinding compared to other mills preserving the sample
- Grinding ball 1/4 in 304 stainless steel increasing its useful life considerably
- Grinding capacity: 20 to 40 grams
- There is the possibility to fix the equipment
- Strict Quality Control in which checks and tests guarantee the perfect functioning of the equipment providing safety and customer satisfaction
- Customer service to answer questions and provide explanations about the equipment and methodologies
- Possibility of adaptations according to the needs of the customer makes the equipment already