

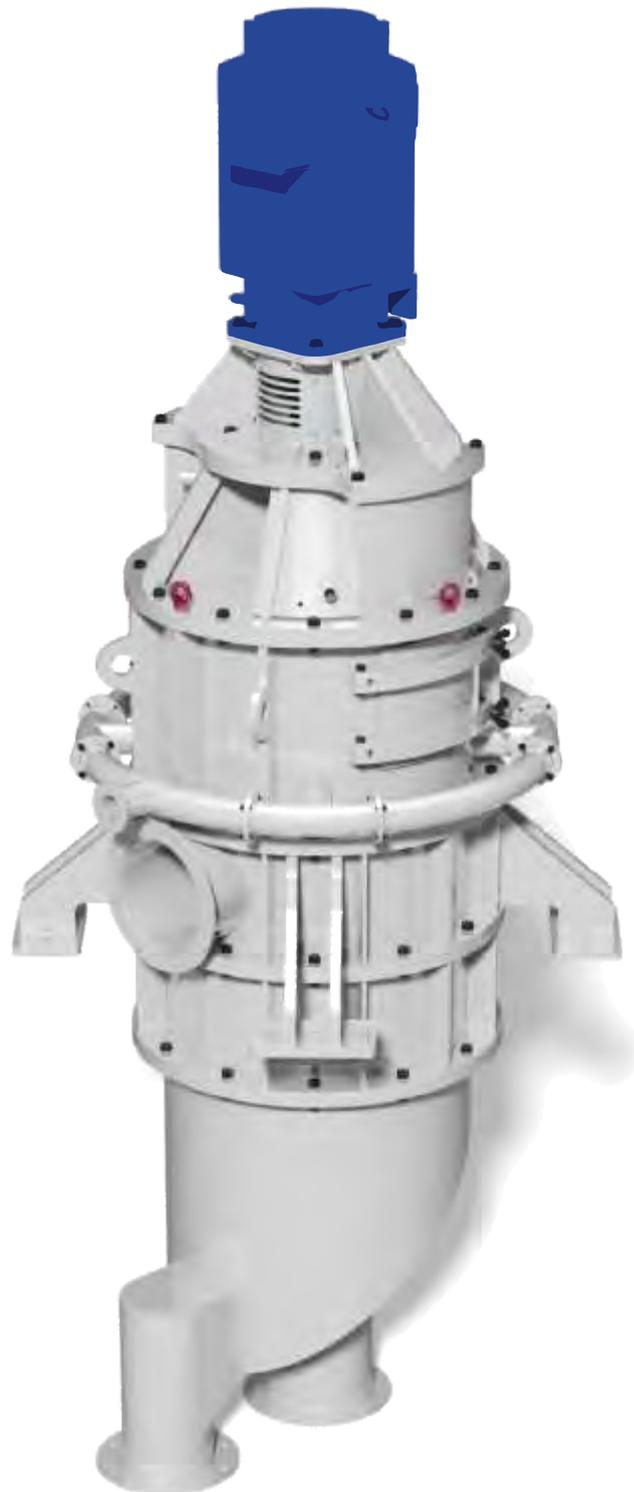
ecutec[®]

A Company of NETZSCH Group

BORA

Finest in Processing

AIR CLASSIFIER FOR SPECIAL PRODUCTS



ECUTEC's BORA
air turbo classifiers
have been developed
specifically for
ultra-fine products
with high added value



BORA 360CD for abrasive products

The **BORA** classifiers have been developed from our **SCIROCCO** and **MISTRAL** classifier technology, combining the benefits of both machines to produce a high performance classifier at a very competitive price.

Because of their high top cut sharpness, they are suitable for the production of toner and similar products. Covering an airflow range from 360 to 24.000 m³/h, the classifiers can be used either in a laboratory scale or for high production capacities. Also, abrasive products such as quartz, zircon oxide, etc can be separated without high wear.

For applications in the food and chemical industries, these classifiers can be built in stainless steel with various grades of surface finishes.

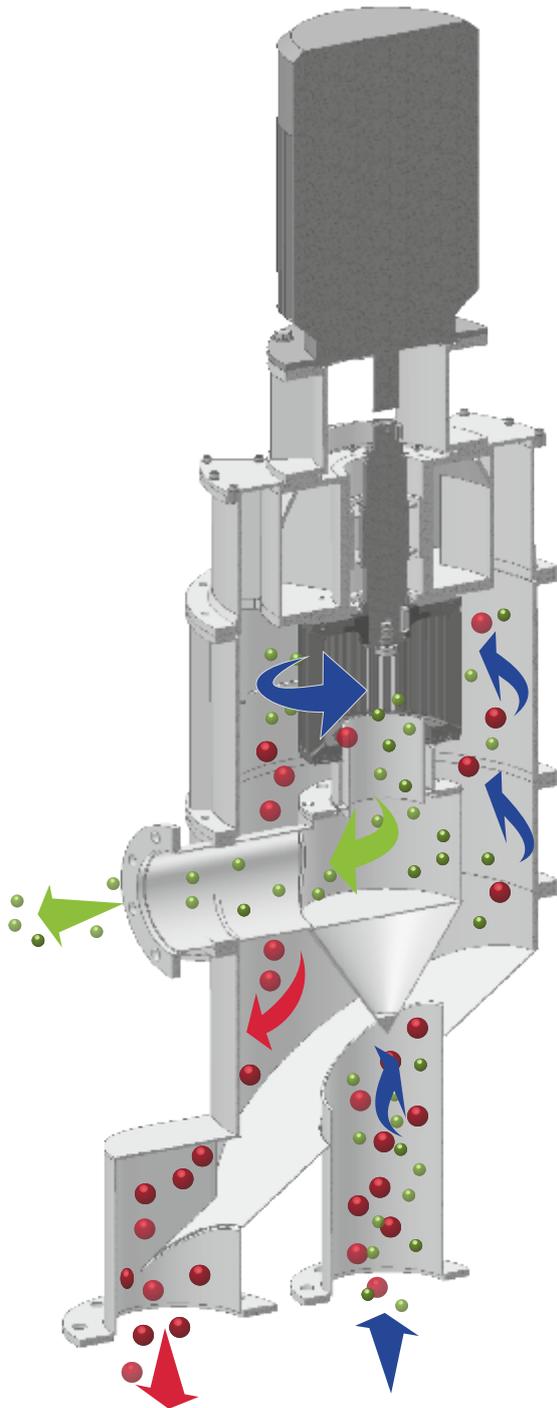


Aluminium oxide rotors



Tungsten carbide rotors

OPERATING PRINCIPLE



■ Air Inlet

■ Coarse

■ Fines

BENEFITS

1. Cut point down to $d_{98} < 2 \mu\text{m}$
2. Innovative axial blades for improved recovery
3. Range from laboratory to industrial production sizes
4. Direct transmission
5. Available in stainless steel
6. Several types of solid ceramic rotors for abrasive products
7. Housing lined with ceramic or polyurethane



BORA 50SD, $d_{98} < 2 \mu\text{m}$

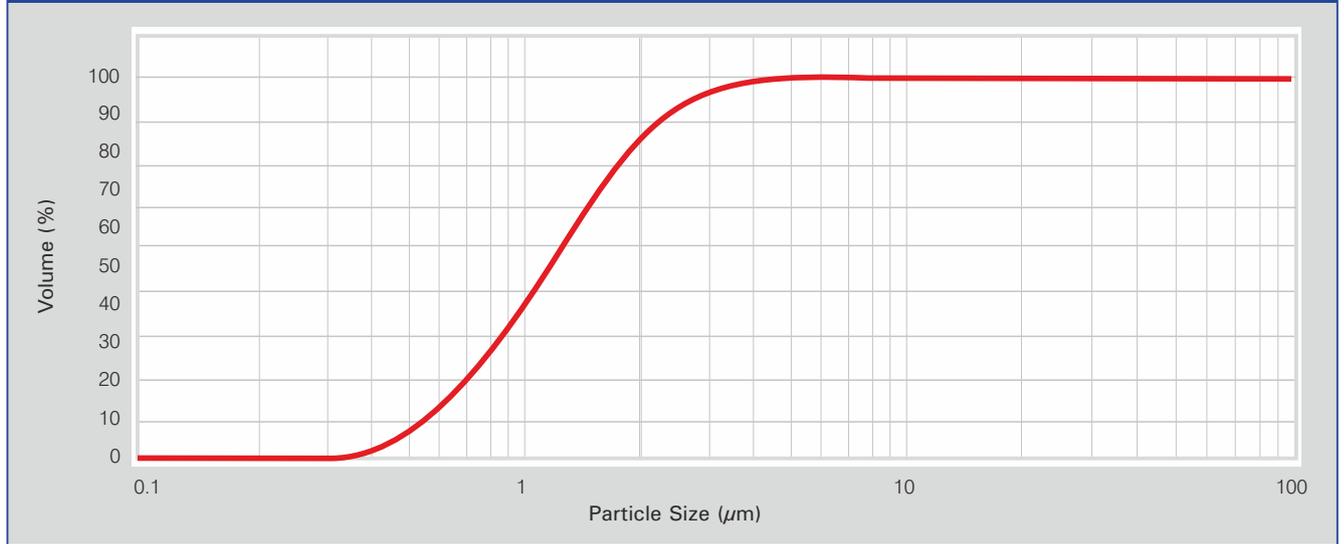


BORA 100CD for Glass

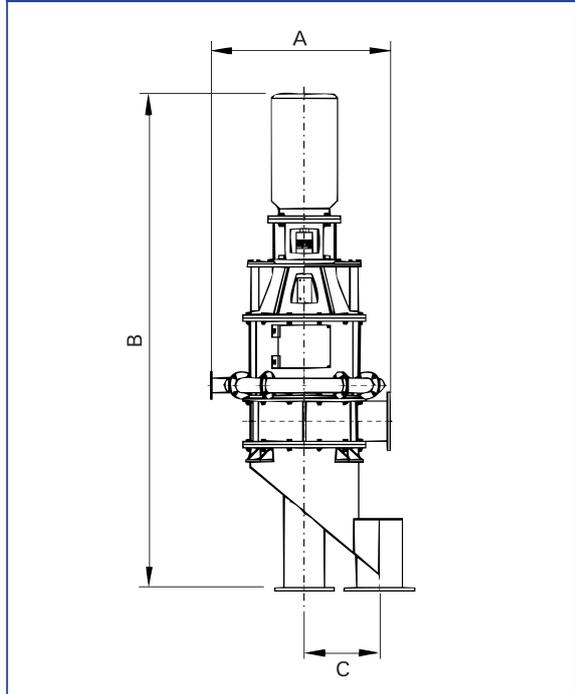
Technical Data		Lab	25	50	100	360
Air throughput approx.	[m³/h]	360	900	1.800	3.000	6.000
Feed rate approx.	[t/h]	0,1 - 0,3	0,4 - 0,9	0,9 - 1,8	1,5 - 3	3 - 6
Rotor speed approx.	[rpm]	32.000	15.500	8.000	5.500	5.300
Installed drive	[kW]	3	5	7,5	15	45
Fineness d_{98}	[μm]	2 - 40	2 - 40	5 - 40	5 - 40	5 - 50
A	[mm]	240	500	705	980	1.175
B	[mm]	640	1.430	705	2.405	3.025
C	[mm]	105	220	310	360	500

All technical data are subject to changes

PARTICLE SIZE DISTRIBUTION



DIMENSIONAL DRAWING



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