

Cyclone. LCGA.

Grain Logistics

Dust Aspiration
Systems



A guarantee for pure air.

Cyclones are used to separate dust from the aspirated air. For moderate demands on residual dust content or a small content of fine dust the cleaned air can be exhausted to the environment.

With the Bühler Cyclone you have a centrifugal separator in a compact design, which achieves an optimal separation rate at high loads and on a minimal space.

Customer benefits

- Effective dedusting for every air volume
- Compact design at low costs
- Maintenance free
- With complementary dust lock

LCGA – cyclone.

Complementary dust lock

Each size goes along with a suitable dust lock.

Maintenance free

The cyclone is one unit and has no electrical components. It is therefore maintenance free.

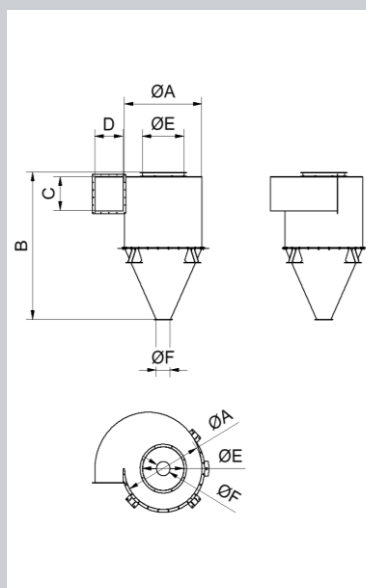
Effective dedusting for every air volume

Processing and effective dedusting of different air quantities possible due to a variety of design sizes.

Compact design at low costs.

The cyclone LCGA stands out with its compact construction and low investment costs. According to requirements the inlet and outlet can be placed on either side left or right.

Technical data



Model	Dimensions					Air volume [m³/min]	Weight [kg]	Volume seaworthy [m³]
	ØA	B	CxD	ØE	ØF			
Nr. 35	400	1075	D150Bö	D200Bö	D200Bö	16 – 23	30	0,18
Nr. 55	700	1200	300x260	D350FL	D200FL	24 – 65	90	0,66
Nr. 83	850	1600	360x320	D400FL	D200FL	66 – 100	120	1,3
Nr. 100	950	1820	400x350	D450FL	D200FL	101 – 120	145	1,9
Nr. 120	1030	1930	440x380	D500FL	D200FL	121 – 140	165	2,2
Nr. 140	1120	2030	470x410	D600FL	D200FL	141 – 165	185	2,7
Nr. 160	1200	2120	500x450	D650FL	D200FL	166 – 190	195	3,2
Nr. 180	1300	2220	540x480	D700FL	D200FL	191 – 215	225	3,9
Nr. 220	1400	2280	590x520	D800FL	D250FL	216 – 260	255	4,6
Nr. 280	1600	2740	650x560	D850FL	D250FL	261 – 335	320	7
Nr. 360	1900	3070	750x650	D950FL	D250FL	336 – 430	420	11,2

* Specifications about residual dust content are not possible due to high influence through a change in sensitive operating parameters like:

- Product characteristics (Humidity, grain size, dust particle size)
- Density
- Dust load
- Flow rate / velocity of approach

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