Cyclone separator.

MGXG

BÜHLER

Excellent dust separation.
High operating reliability.

Application.
Centrifugal separators (cyclones) have proven to be particularly efficient for separating dust from gas streams. The MGXG cyclone is a centrifugal separator satisfying the most stringent industrial requirements.

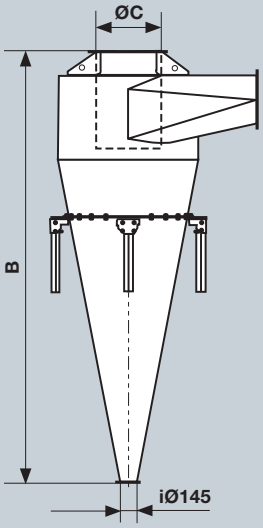
Mode of operation.
The untreated gas laden with dust particles flows tangentially through the inlet into the cylindrical section of the cyclone. The stream of untreated gas is deflected into a rotating stream, causing the dust particles to be carried outward against the cyclone wall by the resulting centrifugal forces. The gas flowing in from behind creates a vortex. The dust particles flow as a downward spiral toward the coarse material outlet and are discharged through an airlock. The vortex in the core of the cyclone reverses its direction above the coarse material outlet, exiting from the cyclone through the top central immersed spout as clean gas that is essentially free from dust.

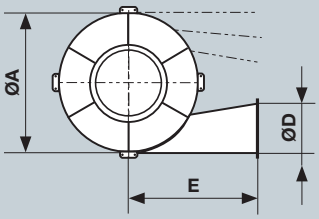
Design versions.
The cyclone wall of the MGXG standard version consists of steel and is made up of a cylindrical upper section and a cone-shaped bottom section. For heavy-duty applications and in the presence of particularly abrasive dust particles, the inlet spout and the walls of the upper section are reinforced with chromium steel.

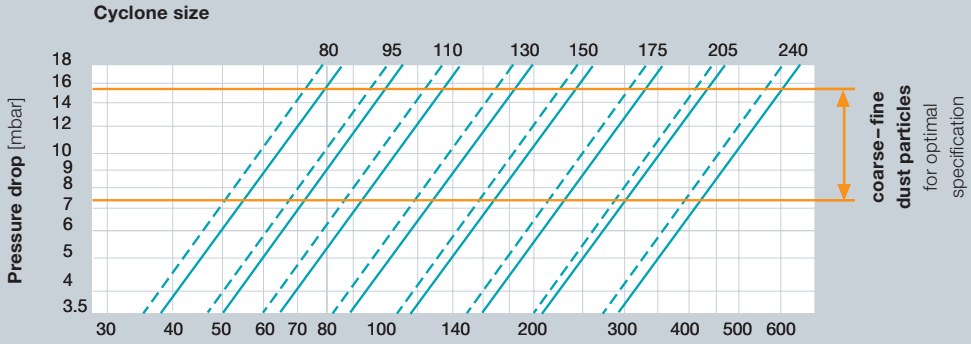
Benefits.
– High separating efficiency
– High operating reliability
– Top sanitation
– No maintenance

MGXG cyclone separator.
For separating dust from gas streams.

Optimal geometry.
Top sanitation.







Technical data.

Model	Dimensions in mm					Approx. weights in kg		Volume
MGXG	ØA	B	ØC	ØD	E	Standard version	Reinforced version	sea packing m³
80	800	2565	400	300	670	155	240	2,75
95	950	2985	500	350	800	185	335	4,50
110	1100	3506	550	400	1000	325	485	7,15
130	1300	4026	600	450	1200	425	646	10,00
150	1500	4746	700	550	1400	575	880	17,30
175	1750	5516	750	600	1600	755	-	22,00
205	2050	6449	900	700	1870	970	-	24,00
240	2400	7480	1200	800	2200	1730	-	37,00

Flyer MGXG en 06/13 ZACC

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